ENVIRONMENTAL MANAGEMENT PLAN
FOR
SONO SMART LINK TECHNOLOGY (MYANMAR) COMPANY LIMITED

PREPARED FOR:

SONO SMART LINK TECHNOLOGY (MYANMAR) COMP LIMITED

No. (A 003,004), Myae Kwat No.(5), Myaetie Yatkwat No.(143/1),

Dagon Myo Thit (Southern),

Yangon Region

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စီမံကိန်းအဆိုပြုသူ၏ ကတိကဝတ်အတည်ပြုဝန်ခံချက်

Sono Smart Link Technology (Myanmar) Company Limited ၏ လျှပ်စစ်အပိုပစ္စည်းအမျိုးမျိုးထုတ်လုပ်ခြင်း စက်ရုံအတွက် ပတ်ဝန်းကျင်စီမံခန့်ခွဲမှု အစီအစဉ် (Environmental Management Plan) ကို Sono Smart Link Technology (Myanmar) Company Limited ၏စက်ရုံတာဝန်ရှိခေါင်းဆောင်များမှ တာဝန်ယူ ပြင်ဆင်ခဲ့ပါသည်။ စီမံကိန်းအဆိုပြုသူအနေဖြင့် ပတ်ဝန်းကျင်စီမံခန့်ခွဲမှုအစီအစဉ် (Environmental Management Plan) နှင့်ပတ်သတ်၍ အောက်ပါ အချက်အလက်များ မှန်ကန်ကြောင်းနှင့် တည်ဆဲဥပဒေ လုပ်ထုံးလုပ်နည်းများ၊ နည်းဥပဒေများအတိုင်း လိုက်နာဆောင်ရွက်သွားမည်ဖြစ်ကြောင်း ကတိကဝတ်အတည်ပြုဝန်ခံပါသည်။

(က) ပတ်ဝန်းကျင်စီမံခန့်ခွဲမှုအစီအစဉ် အစီရင်ခံစာသည် တိကျခိုင်မာ၍ လုပ်ငန်းဆိုင်ရာအချက်အလက်များသည် မှန်ကန်ပါသည်။

(ခ) ပတ်ဝန်းကျင်ထိခိုက်မှုဆန်းစစ်ခြင်း လုပ်ထုံးလုပ်နည်းအပါအဝင် သက်ဆိုင်ရာ တည်ဆဲဥပဒေ လုပ်ထုံးလုပ်နည်းများ၊ နည်းဥပဒေများအတိုင်း တိကျစွာလိုက်နာ၍ ပတ်ဝန်းကျင်စီမံခန့်ခွဲမှု အစီအစဉ်အစီရင်ခံစာကိုရေးဆွဲထားပါသည်။

(ဂ) စီမံကိန်းသည် ပတ်ဝန်းကျင်စီမံခန့်ခွဲမှုအစီအစဉ် အစီရင်ခံစာပါ ကတိကဝတ်၊ ပတ်ဝန်းကျင်ထိခိုက်မှုလျော့ချရေးလုပ်ငန်းများနှင့်အစီအစဉ်များကို အပြည့်အဝအစဉ်အမြဲ လိုက်နာဆောင်ရွက်မည်ဖြစ်ပါသည်။

(ဃ) လုပ်ငန်းလည်ပတ်ဆောင်ရွက်နေသည့်ကာလအတွင်း အတည်ပြုထားသည့် ပတ်ဝန်းကျင်စီမံခန့်ခွဲမှုအစီအစဉ်အား တိုးတက်နေသည့် နည်းညာများ၊ စနစ်များနှင့် လုပ်ငန်းလိုအပ်ချက်အပေါ်မူတည်၍ပိုမိုကောင်းမွန်သည့် ပတ်ဝန်းကျင်စီမံခန့်ခွဲမှုအစီအစဉ် ဖြစ်စေရန်အတွက် ပြင်ဆင်ဖြည့်စွက်ရန် ညွှန်ကြားချက်များရှိလာပါက လိုက်နာဆောင်ရွက်သွားပါမည်။

(c) စီမံကိန်းအဆိုပြုသူအနေဖြင့် ပတ်ဝန်းကျင်စီမံခန့်ခွဲမှု အစီအစဉ်အား ပြင်ဆင်ဖြည့်စွက်လိုပါက တင်ပြအတည်ပြုချက်ရယူ၍ ပြင်ဆင်ဆောင်ရွက်သွားပါမည်။

(စ) စီမံကိန်းလုပ်ငန်းများပြီးစီး၍ စီမံကိန်းလုပ်ငန်းပိတ်သိမ်းချိန်တွင် လူမှုဝန်းကျင်အပေါ် ထိခိုက်မှုအနည်းဆုံးဖြစ်စေရန် ဆောင်ရွက်မည်ဖြစ်ပြီး၊ ထိခိုက်မှုများရှိလာပါက ထိခိုက်မှု အနည်းဆုံးဖြစ်စေမည့်အစီအမံများ၊ လူမှုစီးပွား အကျိုးပြု ပူးပေါင်းဆောင်ရွက်ချက်အစီအမံများ ချမှတ်ဆောင်ရွက်သွားပါမည်။

(စီမံကိန်းအဆိုပြုသူ)

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BOD	Biochemical Oxygen Demand
CFM	Cubic Feet per Minute
CMP	Cutting, Making and Packaging
COD	Chemical Oxygen Demand
dB	Decibel
Dept	Department
EMP	Environmental Management Plan
HOD	Head of Department
HR	Human Resource
LBS	Pound
MIC	Myanmar Investment Commission
NSRs	Noise Sensitive Receivers
NEQG	National Emitting Quality Guideline
OSH	Occupational Safety and Health
PPE	Personal Protective Equipment
SLM	Sound Level Meter
MEMs	Mitigation Environment Measure

အနှစ်ချုပ်အစီအရင်ခံစာ

၁။ နိဒါန်း

Sono Smart Link Technology (Myanmar) Company Limited သည် မြန်မာကုမ္ပဏီများအက်ဥပဒေအရဖွဲ့စည်းထားသော ပုဂ္ဂလိက ကုမ္ပဏီလီမိတက်ဖြစ်သည်။Sono Smart Link Technology (Myanmar) Company Limited သည် မှတ်ပုံတင်အမှတ် (120841505)ဖြင့် မြန်မာနိုင်ငံရင်းနှီးမြှုပ်နှံမှုနှင့်ကုမ္ပဏီများညွှန်ကြားမှုဦးစီးဌာန(DICA)တွင် (DICA) တွင်အသိအမှတ်ပြု ကုမ္ပဏီတစ်ခုဖြစ်သည်။ Sono Smart Link Technology (Myanmar) Company Limited ၏ ရင်းနှီးမြှုပ်နှံမှု အမျိုးအစားမှာ ရာနှုန်းပြည့်နိုင်ငံခြား ရင်းနှီးမြှုပ်နှံမှုလုပ်ငန်းဖြစ်ပြီး စက်ရုံသည် CMP စနစ်ဖြင့် လျှပ်စစ်ဆက်စပ်ပစ္စည်းများကို ထုတ်လုပ်ပါသည်။ ထုတ်ကုန်အများစုကို ပြည်တွင်းစျေးကွက်သို့ ဖြန့်ဖြူးပေးသည်။ Sono Smart Link Technology (Myanmar) Company Limited လျှပ်စစ်အပိုပစ္စည်းအမျိုးမျိုး ထုတ်လုပ်ခြင်း စက်ရုံသည် Skytec Industrial Park အတွင်းရှိ အမှတ်(အေ ဝဝ၃၊ ဝဝ၄)၊ အကွက်အမှတ်(၅) မြေတိုင်းရပ်ကွက် အမှတ်(၁၄၃/၁)၊ ဒဂုံမြို့သစ်(တောင်ပိုင်း)မြို့နယ်၊ ရန်ကုန်တိုင်းဒေသကြီးတွင် တည်ရှိသည်။ စီမံကိန်း ဧရိယာမှာ (ဝ.၃၉၈)ကေကျယ်ဝန်းပြီး ရုံး၊စက်ရုံ၊လုံခြုံရေးရုံး၊ကုန်ကြမ်းသိုလှောင်သည့် နေရာများ ပါဝင်သည်။ ဆိုနို့(မြန်မာ) လျှပ်စစ်အပိုပစ္စည်းအမျိုးမျိုးထုတ်လုပ်ခြင်းအတွက်ရင်းနှီးမြှုပ်နှံမှုသည် အမေရိကန် ဒေါ်လာ(ဝ.၃၅၀)သန်း ဖြစ်သည်။ စက်ရုံတည်ဆောက်မှုကို ဂျူလိုင်၂၀၁၉ခုနှစ်တွင် စတင် တည်ဆောက်ခဲ့ပြီး ၂၀၂၀ခုနှစ်တွင် အဆုံးသတ်ပြီးစီးခဲ့သည်။ စက်ရုံသည် လက်ရှိအခြေအနေတွင် လုပ်ငန်းလည်ပတ်မှု စမ်းသပ်ကာလ ဖြစ်သည်။ ဆိုနို့(မြန်မာ) လျှပ်စစ်အပိုပစ္စည်းအမျိုးမျိုး ထုတ်လုပ်ခြင်းစက်ရုံအတွက် ပတ်ဝန်းကျင်စီမံခန့်ခွဲမှု အစီအစဉ် (Environmental Management Plan)ကို စီမံကိန်းအဆိုပြုသူဖြစ်သည့် ဆိုနို့စမတ်လင့်နည်းပညာ လျှပ်စစ် အပိုပစ္စည်းအမျိုးမျိုး ထုတ်လုပ်ခြင်းစက်ရုံမှတာဝန်ရှိသူများဖြင့် ၂၀၂၀ခုနှစ်၊ စက်တင်ဘာလတွင် စတင်စုစည်းရေးသား ပြုစုခြင်းဖြစ်ပါသည်။

Sono smart link technology (Myanmar) ကုမ္ပဏီလီမိတက်အတွက် သဘာဝပတ်ဝန်းကျင်စီမံခန့်ခွဲမှုအစီအစဉ် (EMP) ၏ ရည်ရွယ်ချက်မှာ စီမံကိန်း၏ သဘာဝပတ်ဝန်းကျင်နှင့် လူမှုရေးဆိုင်ရာအကျိုးဆက်များကို မှန်ကန်စွာ ထည့်သွင်းစဉ်းစား နိုင်စေရန်နှင့် စီမံကိန်းအတွက် ပတ်ဝန်းကျင်ဆိုင်ရာ စီမံခန့်ခွဲမှုအစီအစဉ်ကို အသေးစိပ်ဖော်ပြရန် အာဏာပိုင်များနှင့် သက်ဆိုင်ရာဌာနတို့မှ ခွင့်ပြုပေးနိုင်ရန်ဖြစ်သည်။

Sono smart link technology (Myanmar) ကုမ္ပဏီ လီမိတက်အတွက် EMP လေ့လာမှုအား အောက်ပါရည်ရွယ်ချက်များဖြင့် ပြုလုပ်ခဲ့ပါသည်။

(က) စီမံကိန်း၏တရားဝင်မှုကို စုံစမ်းစစ်ဆေးရန်၊

(ခ) စက်ရုံနောက်ခံပတ်ဝန်းကျင်အခြေအနေကို လေ့လာရန်၊

(ဂ) အများပြည်သူထံသို့လုပ်ငန်းဆိုင်ရာ ဆောင်ရွက်ချက်များ၊ အချက်အလက်များ ထုတ်ပြန်ရန်၊

(ဃ) ဖြစ်ပွားနိုင်ခြေရှိသော သဘာဝပတ်ဝန်းကျင်၊ လူမှုရေးနှင့် လူမှုစီးပွားရေးဆိုင်ရာ ကိစ္စရပ်များကို လေ့လာရန် နှင့်

(င) အဓိကကျသောသဘာဝပတ်ဝန်းကျင်နှင့် လူမှုရေးဆိုင်ရာ သက်ရောက်မှုများအတွက် လျော့ပါးသက်သာစေရေးနှင့် မြှင့်တင်ရေး အစီအမံများ ရေးဆွဲဆောင်ရွက်ရန်။

၂။ ဥပဒေလိုအပ်ချက်များ

Sono Smart Link Technology (Myanmar) Company Limited သည် အောက်ပါ ဥပဒေ၊ နည်းဥပဒေများနှင့် လုပ်ထုံးလုပ်နည်းများနှင့်အညီ စီမံဆောင်ရွက်သွားမည်ဖြစ်ပါသည်။

(၁)သဘာဝပတ်ဝန်းကျင် ထိန်းသိမ်းရေးဥပဒေ (၂၀၁၂)၊

(၂) အမျိုးသားပတ်ဝန်းကျင် အရည်အသွေး (ထုတ်လွှတ်မှု) လမ်းညွှန်ချက်

(၃)အလုပ်အကိုင်နှင့် ကျွမ်းကျင်မှုဖွံ့ဖြိုးတိုးတက်ရေးဥပဒေ (၂၀၁၃)၊

(၄)စက်ရုံဥပဒေ (၁၉၅၁)၊

(၅) အနည်းဆုံးအခကြေးငွေဥပဒေ (၂၀၁၃)၊

(၆) မြန်မာနိုင်ငံမီးသတ်ဥပဒေ (၂၀၁၅)၊

(၇)လုပ်ငန်းခွင်ဘေးကင်းရေးနှင့် ကျန်းမာရေးဥပဒေ (2019)

(၈) အလုပ်သမားအဖွဲ့အစည်းဥပဒေ (၂၀၁၁)၊

(၉) အလုပ်သမားရေးရာ အငြင်းပွားမှုဖြေရှင်းရေးဥပဒေ (၂၀၁၂)၊

(၁၀) ခွင့်နှင့်အားလပ်ရက်အက်ဥပဒေ (၁၉၅၁)၊

(၁၂) ဓာတုနှင့်ဆက်စပ်ပစ္စည်းများအန္တရာယ်မှကာကွယ်ခြင်းဥပဒေ (၂၀၁၃)၊

(၁၃) ဆေးလိပ်နှင့် ဆေးရွက်ကြီး ထုတ်ကုန် သုံးစွဲမှု ထိန်းချုပ်ရေး ဥပဒေ (၂၀၀၆)၊

(၁၄) ပို့ကုန်နှင့် သွင်းကုန်ဥပဒေ (၂၀၁၂)၊

(၁၅) ဘွိုင်လာဥပဒေ (၂၀၁၅)၊

(၁၆) နိုင်ငံခြားရင်းနှီးမြှုပ်နှံမှုဥပဒေ (၂၀၁၃)၊

(၁၇) လူမှုဖူလုံရေးဥပဒေ (၂၀၁၂)၊

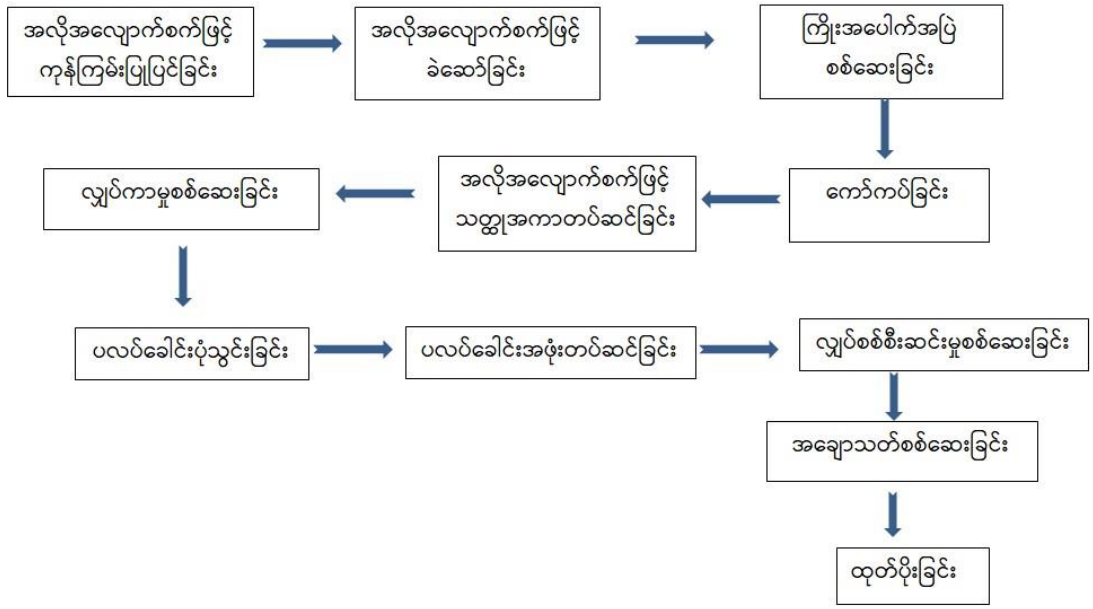
(၁၈) အခကြေးငွေပေးချေမှုဥပဒေ (2016)

(၁၉) ရန်ကုန်မြို့တော်စည်ပင်သာယာရေးဥပဒေ YCDC (၂၀၁၈)

၃။ လုပ်ငန်းဆိုင်ရာအကြောင်းအရာဖော်ပြချက်

Sono Smart Link Technology (Myanmar) Company Limited လျှပ်စစ်အပိုပစ္စည်းအမျိုးမျိုးထုတ်လုပ်ခြင်းစက်ရုံမှ CMP ထုတ်လုပ်မှုစနစ်ဖြင့် လျှပ်စစ်အပို ပစ္စည်းအမျိုးမျိုး(ကေဘယ်ကြိုးမျိုးစုံ)ကိုထုတ်လုပ်သည်။ ထုတ်ကုန်အများစုကို ပြည်တွင်းတွင်ဖြန့်ဖြေရောင်းချရန်ဖြစ်သည်။ စက်ရုံတွင်အလုပ်သမားအင်အား(၁၀၁၀)ခန့် ခန့်အပ်ရန် လျာထားမှုရှိပါသည်။ ပုံမှန်ထုတ်လုပ်မှု လုပ်ငန်းအဆင့်များကို အောက်ပါပုံ(က)တွင် တွေ့မြင်နိုင်သည်။

အဓိကထုတ်လုပ်မှုတွင် ပြည်ပမှတင်သွင်းထားသောကုန်ကြမ်းများကို ဖြတ်တောက်ခြင်း ပြန်လည်ပြုပြင်ခြင်း၊ ထုတ်ပိုးခြင်းလုပ်ငန်းစဉ်တို့ပါဝင်သည်။ ထုတ်လုပ်မှု လုပ်ငန်းစဉ်တွင် စွန့်ပစ်အရည်ထွက်ရှိမှုနှင့် မတော်တွေ့ထုတ်လွှတ်မှုမရှိပါ။ ဤလုပ်ငန်းစဉ်တွင် အစိုင်အခဲစွန့်ပစ် ပစ္စည်းများရှိခြင်းသည် အဓိကအားဖြင့် လုပ်ငန်းစဉ်အားလုံးတွင်ပါဝင်နိုင်သည်။ ထိုအစိုင်အခဲစွန့်ပစ် ပစ္စည်းများကိုဒဂုံမြို့သစ်(တောင်ပိုင်း)မြို့နယ်စည်ပင်သာယာရေးကော်မတီ၏ ခွင့်ပြုချက်ဖြင့် စွန့်ပစ် ရန်စီစဉ်ထားရှိသည်။



ပုံ (က) SONO SMART LINK TECHNOLOGY (MYANMAR) COMPANY LIMITEDလျှပ်စစ်အပိုပစ္စည်းအမျိုးမျိုး ပုံမှန်ထုတ်လုပ်မှု လုပ်ငန်းစဉ်

အခြေခံကုန်ကြမ်းများမှာ နိုင်လွန်ဝါယာကြိုးနှင့် လျှပ်စစ်ကြိုးအမျိုးမျိုးကို အသုံးပြုကြသည်။ ဓာတုပစ္စည်းများကို ထုတ်ကုန်များထုတ်လုပ်ရာတွင် အသုံးမပြုပါ။ ဤကုန်ကြမ်းများကို တရုတ်နိုင်ငံနှင့် ထိုင်ဝမ်နိုင်ငံတို့မှ တိုက်ရိုက်တင်သွင်းသည်။ ကုန်ကြမ်းစာရင်းများနှင့် နှစ်စဉ်လိုအပ်ချက်များကို နောက်ဆက်တွဲ (၆) တွင် ပြထားသည်။ ကုန်ကြမ်းများကို နိုင်လွန်ဝိုင်ယာကြိုးများနှင့် လျှပ်စစ်ကြိုးအမျိုးမျိုးဖြင့် စနစ်တကျ သိုလှောင်သည့်နေရာတစ်ခုစီတွင် သိမ်းဆည်းသည်။

Sono Smart Link Technology (Myanmar) Company Limited ၏ အဓိကထုတ်ကုန်များမှာ လျှပ်စစ်ဆက်စပ်ပစ္စည်းများ (Micro USB Cable Assembly၊ ABS Housing Plug၊ Metal Housing Plug၊ USB A to Type C Cable၊ USB A to Type C Cable၊ C TO Lightning Cable၊ USB Type C မှ HDMI၊ ကြိုးအများအပြား၊ USB Type C မှ Lightning USB Type C မှ USB Type C ကေဘယ်၊ ကေဘယ်ကြိုးစည်း၊ ကားတွင်းအားသွင်းကိရိယာ၊ အားသွင်းကိရိယာနှင့် နားကြပ်) နှင့် ထုတ်ကုန်အများစုကို ပြည်တွင်းဈေးကွက်များသို့ ဖြန့်ဝေပါသည်။ Sono Smart Link Technology (Myanmar) Company Limited ၏ ထုတ်လုပ်မှုနှုန်းကို နောက်ဆက်တွဲ (၇) တွင် ဖော်ပြထားသည်။ ကုန်ကြမ်းနှင့် ထုတ်လုပ်မှု လုပ်ငန်းစဉ်တွင် ဓာတုအေးဂျင့်အသုံးပြုမှု မပါဝင်ပါ။

ဓာတုပစ္စည်းများကို ထုတ်ကုန်များထုတ်လုပ်ရာတွင် အသုံးမပြုပါ။ Sono Smart Link Technology (Myanmar) Company Limited ၏ လုပ်ငန်းစဉ်မှထွက်ရှိသောဝိုင်ယာကြိုးဖြတ်စများနှင့် ပလတ်စတစ်အမှိုက်များသည် အစိုင်အခဲစွန့်ပစ်ပစ္စည်းအဖြစ်ထွက်ရှိသည်။ ဤအမှိုက်များကို ကေဘယ်လ်နှင့် ပုံသွင်းခြင်းကဲ့သို့သော နေရာများတွင် ပြန်လည်အသုံးပြုရန်အတွက် စီစဉ်ဆောင်ရွက်ထားသည်။ သို့သော် Sono Smart Link Technology (Myanmar) Company Limited မှ စွန့်ပစ်အမှိုက်များကို YCDCနှင့်ချိတ်ဆက်၍ သတ်မှတ်ထားသော စွန့်ပစ်ရာနေရာသို့ စွန့်ပစ်သည်။ စွန့်ပစ်အမှိုက်ပမာဏမှာ တစ်ရက်လျှင် (၆၀၀) ကီလိုဂရမ်ဖြစ်သည်။

၄။လက်ရှိပတ်ဝန်းကျင်အခြေအနေနှင့် ပတ်ဝန်းကျင်လူမှုပတ်ဝန်းကျင်အခြေအနေ

Sono Smart Link Technology (Myanmar) Company Limited ၏ ရေပေးဝေမှုသည် အဝီစိစက်ရေတွင်းမှ အဓိကရရှိသောရေဖြစ်ပါသည်။ ရေကိုလက်ဆေးခြင်း၊ ဆေးကြောခြင်း၊ အိမ်သာနှင့် မီးဖိုချောင်သုံးရန်အတွက် ထုတ်ယူသည်။Sono Smart Link Technology

(Myanmar) Company Limited ၏ ရေပေးဝေမှုသည် စက်ရေတွင်းမှ ထုတ်ယူသိုလှောင်မှုပမာဏ တနေ့လျှင်(၅၀၀၀)လီတာခန့်သုံးစွဲသည်။

၅။သက်ရောက်မှု ဆန်းစစ်ခြင်းနှင့် ကုစားခြင်း

ဆိုနိုစမတ်လင့်နည်းပညာ(မြန်မာ)စက်ရုံမှ လျှပ်စစ်အပိုပစ္စည်းအမျိုးမျိုးထုတ်လုပ်ပုံကို လုပ်ငန်း အဆင့်ဆင့်ပေါ်မူတည်၍ သက်ရောက်မှု ဆန်းစစ်ခြင်းနှင့် ကုစားခြင်းကိုအောက်ဖော်ပြပါ ဇယား (ခ) နှင့် (ဂ) တွင် ဖော်ပြထားပါသည်။

ဇယား (ခ) ပတ်ဝန်းကျင်အပေါ် သက်ရောက်စေမည့် အကြောင်းအချက်များနှင့် သက်ရောက်မှုများ

စဉ်	**လုပ်ငန်းစဉ်**	**သက်ရောက်မှုဖြစ်ပေါ်စေသည့် အကြောင်းအချက်**	**သက်ရောက်မှု**
၁	ကုန်ကြမ်း၊ ကုန်ချော ပစ္စည်းများ ကိုင်တွယ် ထိန်းသိမ်းခြင်း	ကုန်ကြမ်းကုန်ချောပစ္စည်း များအတင်အချ ပြုလုပ်ခြင်း	ထိခိုက်ပွန်းရှခြင်း အလေးအပင်မရာမှ ဒဏ်ဖြစ်ခြင်း၊
		ထုပ်ပိုးစွန့်ပစ်ခြင်း	အစိုင်အခဲ စွန့်ပစ်ပစ္စည်း၊
၂	ဝါယာကြိုးများ ဖြတ်တောက်ခြင်း	ဝါယာကြိုးဖြတ်စက် အသုံးပြုခြင်း	ထိခိုက်ပွန်းရှခြင်း အလေးအပင်မရာမှ ဒဏ်ဖြစ်ခြင်း၊
၃	ခဲဆော်ခြင်း	အလိုအလျောက် ဂဟေဆက်စက်ဖြင့် အသုံးပြုခြင်း	စက်ယန္တရားအန္တရာယ်၊ အစိုင်အခဲ စွန့်ပစ်ပစ္စည်း၊
၄	ကော်ကပ်ခြင်း	ကော်များ နှင့်ထိတွေ့ခြင်း	ဓာတုဗေဒအန္တရာယ်

၅	သတ္ထုအကာတပ်ဆင်ခြင်း ၊ စစ်ဆေးခြင်း ပြန်လည်ပြုပြင်ခြင်း	အလိုအလျောက်စက်ဖြင့် တပ်ဆင်ခြင်း	ထိခိုက်ပွန်းရှခြင်း၊ အစိုင်အခဲစွန့်ပစ်ပစ္စည်း
၆	ပုံလောင်းခြင်း	အလိုအလျောက်စက်ဖြင့် ပုံလောင်းခြင်း	စက်ယန္တရားအန္တရာယ်၊ အစိုင်အခဲ စွန့်ပစ်ပစ္စည်း၊
၇	ထုပ်ပိုးခြင်းနှင့် သိုလှောင်ခြင်း	စက္ကူပုံးစွန့်ပစ်ခြင်း	အစိုင်အခဲစွန့်ပစ်ပစ္စည်း
		အိတ်ခွံများစွန့်ပစ်ခြင်း	အစိုင်အခဲစွန့်ပစ်ပစ္စည်း
		ပစ္စည်းများ အတင်အချ ပြုလုပ်ခြင်း	အလေးအပင်မရာမှ ဒဏ်ဖြစ်ခြင်း၊

ဇယား (၈) ကုစားရန် နည်းလမ်းများ

သက်ရောက်မှု	**ရင်းမြစ်**	**ကုစားခြင်း**
မီးဘေးအန္တရာယ်	-တားမြစ်နေရာတွင်ဆေးလိပ်သောက်ခြင်း - လျှပ်စစ်ရှော့ဖြစ်ခြင်း	(၁) စက်ရုံဝင်းအတွင်း ဆေးလိပ်သောက်ခြင်းကို လုံးဝပိတ်ပင်တားမြစ်ခြင်း (၂) အရေးပေါ်ထွက်ပေါက်များကို ရှင်းရှင်းလင်းလင်း ဖော်ပြခြင်း (၃) ထွက်ပေါက်လမ်းများကို အမြဲ သန့်ရှင်းအောင်ထားခြင်း (၄) မီးသတ်ဆေးဘူးများကို ပုံမှန် စစ်ဆေး၊ ဖြည့်တင်းခြင်း (၅) မီးငြိမ်းမှု ဇာတ်တိုက် လေ့ကျင့်ခန်းများ ပုံမှန်ပြုလုပ်ခြင်း

အစိုင်အခဲစွန့်ပစ်ပစ္စည်း	- ဝါယာကြိုးအပိုင်းအစများ ဖြတ်တောက်မှုအပိုင်းအစများ - ထုပ်ပိုးစွန့်ပစ်ပစ္စည်း - ပလပ်စတစ်အမှိုက်များ - အထွေထွေအမှိုက်များ	(၁) စဉ်ဆက်မပြတ်နှင့်ပုံမှန် သန့်ရှင်းရေးလုပ်ရန် (၂) အိတ်များဖြင့် စွန့်ပစ်ပစ္စည်းများထုပ်ပိုးထားခြင်း (၃) စွန့်ပစ်အိတ်များကို စနစ်တကျသိုလှောင်ခြင်း (၄) စွန့်ပစ်ပစ္စည်းစုဆောင်းသူကိုပုံမှန်ခေါ်ခြင်း (၅) အမှိုက်ပုံးများ လုံလောက်စွာထောက်ပံ့ ပေးခြင်း
ထိခိုက်နိုင်မှု	- ကုန်ကြမ်းကုန်ချော ပစ္စည်းများ အတင်အချ ပြုလုပ်ခြင်း - အလေးချိန် ပိုသော ပစ္စည်းများ သယ်ဆောင်ခြင်းမှ ထိခိုက်မိခြင်း - ဖြတ်စက်ကိုင်တွယ်အသုံးပြုခြင်း	(၁) ကုန်ပစ္စည်းများအလွယ်တကူမရန်အထောက်အကူပြု သယ်ဆောင်ကိရိအသုံးပြုခြင်း (၂) ထိခိုက်ပွန်းရှ နိုင်သည့် ပစ္စည်းများကိုင်တွယ်ရာတွင် လက်အိတ်အသုံးပြုခြင်း (၃) စက်တွင် အကာအရံတပ်ဆင်ခြင်း

ဆူညံသံ	- မီးစက်အသုံးပြုခြင်း	(၁) စက်ပစ္စည်းများအား ပုံမှန် ပြုပြင်ထိန်းသိမ်း မှုများ ပြုလုပ်ခြင်း (၂) လုပ်သားများအတွက် နားကြပ်များ စီစဉ် ပေးခြင်း (၃) လုပ်သားများ နားကြပ်တပ်ဆင်မှု ရှိ ၊ မရှိ စစ်ဆေးခြင်း
စက်ယန္တရားအန္တရာယ်	- ဝါယာဖြတ်စက် အသုံးပြုခြင်း - အလိုအလျောက် စက်ဖြင့် ပုံလောင်းခြင်း - အလိုအလျောက် ဂဟေဆက်စက် အသုံးပြုခြင်း	(၁) လုပ်ငန်းခွင် အန္တရာယ် ကာကွယ်ရေး ပစ္စည်းများ (မျက်မှန်၊ လက်အိတ်၊ နားကြပ်) တို့ကို မပျက်မကွက် ဝတ်ဆင်ခြင်း (၂) စက်ပေါ်တွင် အမှိုက်၊ ဖုန်၊ ဆီတင်ကျန်မှုရှိ/ မရှိ စစ်ဆေးပြီး ပုံမှန် သန့်ရှင်းခြင်း (၃) ဆီယိုစိမ့်မှုရှိ/ မရှိ စစ်ဆေးပြီး လိုအပ်သော ဆီပမာဏဖြည့်ခြင်း (၄) စက်ယန္တရားများ လည်ပတ်ရာ နေရာတွင် မီးလောင်ပေါက်ကွဲနိုင်သော ပစ္စည်းများမရှိအောင်ကြိုတင်ရှင်းလင်းခြင်း (၅) စက်ယန္တရားများ လည်ပတ်ရာ နေရာတွင် လုံခြုံရေးအကာအကွယ်များ တပ်ဆင်ခြင်း

		(၆) စက်တွင် ပါဝင်သော မော်တာ ပတ္တားကြိုး၊ ဂီယာ၊ ချိန်းကြိုး နှင့် ရွှေ့လျား အစိတ်အပိုင်းများကို ပုံမှန်စစ်ဆေးခြင်း (၇) စက်ယန္တရား၏ အစိတ်အပိုင်းများကို စနစ်တကျ တပ်ဆင်ခြင်း (၈) စက်စတင် အသုံးမပြုမီ စက်၏ လျှပ်စစ်ကြိုးများကို စစ်ဆေးပြီး ပေါက်ပြဲ ပျက်စီး နေလျှင် ပြုပြင်လဲလှယ်ခြင်း (၉) စက်စတင် အသုံးမပြုမီ ကြိုတင် စစ်ဆေးရမည့် အချက်များကို စာရင်း ပြုလုပ် ထားပြီး အလွယ်တကူ မြင်နိုင်မည့် နေရာတွင် ကပ်ထားခြင်း (၁၀) စက်ယန္တရားများကို ကျမ်းကျင် ဝန်ထမ်းများသာလျှင် ကိုင်တွယ် အသုံးပြု ခြင်း (၁၁) စက်ယန္တရားများတွင် စက်လည်ပတ်မှု အရေးပေါ်ရပ်နားသည့် ခလုတ်/ စနစ် များကို အလွယ်တကူမြင်နိုင်သည့် နေရာ တွင်တပ်ဆင်ခြင်း
ဓာတုဗေဒအန္တရာယ်	- ကော်များထိတွေ့ခြင်း	(၁) လုပ်ငန်းခွင် အန္တရာယ် ကာကွယ်ရေး ပစ္စည်းများ (မျက်မှန်၊ လက်အိတ်၊

		နားကြပ်) တို့ကို ထောက်ပံ့ခြင်း (၂) ဓာတုဗေဒအန္တရာယ် အကြောင်း လုပ်သားများကို ပညာပေးခြင်း (၃) လုပ်ငန်းခွင် အန္တရာယ် ကာကွယ်ရေး ပစ္စည်းအသုံးပြုမှု ပုံမှန်စစ်ဆေးခြင်း

EXECUTIVE SUMMARY

1. Introduction

Sono Smart Link Technology (Myanmar) Company Limited is a Private Company Limited incorporated under the Myanmar Companies Act. Sono Smart Link Technology (Myanmar) Company Limited is a specialized company in Registration Department (DICA) with registration Number (120841505).

Figure (A) Location of Sono Smart Link Technology (Myanmar) Company Limited

Investment type of Sono Smart Link Technology (Myanmar) Company Limited is fully foreign investment business and the factory produces electrical accessories with CMP production scheme. Majority of the products are distributed to local markets. The estimated investment for the Sono Smart Link Technology (Myanmar) Company Limited is US$ 0.350 million for 25 years. The company is located No. (A 003,004), Myae Kwat No.(5), Myaetie Yatkwat No.(143/1), Dagon Myo Thit (Southern), Yangon Region, Myanmar. The project area is (0.398) acres of land and it include office, factory, security office, raw materials storage area, canteen and product storage area. The Factory construction operation was started in July, 2019. The Factory construction operation was ended in 2020. The plant is start operation process as test period in current condition.

The aim of environmental management plan (EMP) for Sono smart link technology (Myanmar) company limited is to enable the approving authority and the developer to properly consider the potential environmental and social consequences of the project and to delineate an environmental management plan for the project.

Primary objective of the EMP report is to provide sufficient, clear and objective information for the approving authority to make a decision on whether to approve the project and if so, under what conditions.

EMP study for Sono smart link technology (Myanmar) company limited factory is performed with the following specific objectives:

(a) to investigate the legality of the project;

(b) to study the background factory environmental area;

(c) to release project information for the general public;

(d) to study the environmental, social and socioeconomic issues likely to occur; and

(e) to devise mitigation and enhancement measures for key environmental and social impacts.

2. Legal Requirements

The Laws, Rules and Procedures should be compliance from Sono Smart Link Technology (Myanmar) Company Limited is as follows.

1. Environmental Conservation Law (2012)
2. National Environmental Quality (Emission) Guideline
3. WHO Drinking Water guideline value (Geneva-1993)

4. Employment and Skill Development Law (2013)
5. Factory Act (1951)
6. Minimum Wages Law (2013)
7. Myanmar Fire Bridgate Law (2015)
8. Occupational Safety and Health Law (2019)
9. The Labour Organization Law (2011)
10. The Settlement of Labour Dispute Law (2012)
11. The Leave and Holiday Act (1951)
12. The Prevention of Hazard from Chemical and related Substances Law (2013)
13. The Control of Smoking and Consumption of Tobacco Product Law (2006)
14. The Export and Import Law (2012)
15. The Boiler Law (2015)
16. Foreign Investment Law (2013)
17. Social Security Law (2012)
18. The Payment of Wages Act(2016)
19. Yangon City development law YCDC (2018)

3.Project Description

Sono Smart Link Technology (Myanmar) Company Limited is located at No. (A003,004), Myae Kwat No.(5), Myaetie Yatkwat No.(143/1), Dagon Myo Thit (Southern), Yangon Region, Myanmar. The project area is (0.398) acres of land and it include office, factory, security office, raw materials storage area, canteen and product storage area. The factory is located in front of CMI Engineering Company Limited and near Air Product Myanmar Company Limited. The factory is located in Industrial Zone area. The Factory construction operation was started in July, 2019. The Factory construction operation was ended in 2020. The plant is start operation process as test period in current condition. The factory produces electrical accessories with CMP production scheme. Majority of the products are exported. There are about 1010 workers at the factory. Routine production works can be seen in the following flow diagram

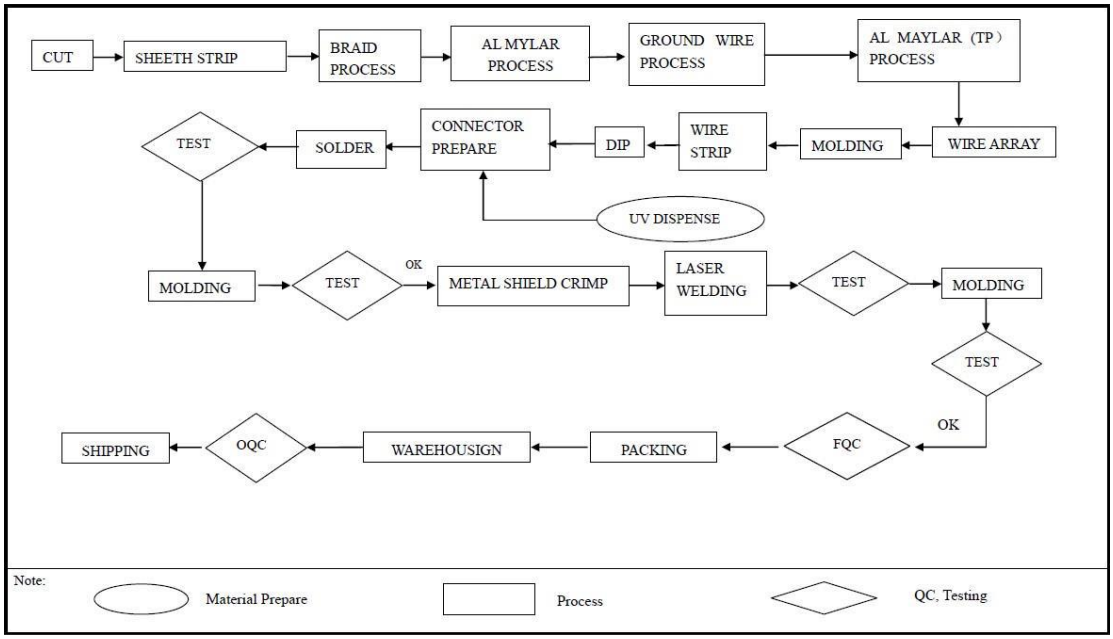


Figure (B) Production Process Flow Diagram for Sono Smart Link Technology (Myanmar) Company Limited

Primary production scheme is raw materials storing, cutting, making, quality and packing. The production process is labor intensive which is a trademark of garment industry. The production process produces no liquid effluent and slightly gaseous emission from boiler and generator. The process produce solid waste mainly consists of all process and these solid wastes are managed to collect by the government waste collector.

The basic raw materials used nylon wire and various electrical cable. Chemicals are not used in the production of products. These raw materials are imported directly from China and Taiwan. Raw material lists and annually requirement is show in appendix 6. Raw materials were stored in individual storage area with systematically arrangement nylon wire and various electrical cable.

The main products of Sono Smart Link Technology (Myanmar) Company Limited are produced electrical accessories (Micro USB Cable Assembly, ABS Housing Plug, Metal Housing Plug, USB A to Type C Cable, USB A to Type C Cable, C TO Lightning Cable, USB Type C to HDMI, Multiple wires, USB Type C TO Lightning USB Type A to Type C cable, Cable Assembly, with car charger, Headset with Charger and Adapter) and Majority of the products are distributed to local markets. The production rate of Sono Smart Link Technology (Myanmar) Company Limited is show in appendix 7. Raw material and production process has not contained chemical agent usage.

Chemicals are not used in the production of products. Sono Smart Link Technology (Myanmar) Company Limited solid wastes mainly comprised of wire string cuts and plastic waste. These wastes are valuable for reuse in places such as cable plus molding. But the solid waste from Sono Smart Link Technology (Myanmar) Company Limited is discharged by calling solid waste collector such as YCDC. Following table depicts waste generation from the whole production process. The amount of solid waste is discharge (600) kg/day.

Table (A) Waste Generation from Manufacturing of Sono Smart Link Technology (Myanmar) Company Limited

Sr.	Process	Waste	Waste discharge System
1	Cable cutting	wire string cuts	Collecting and connecting with municipal specified area by YCDC truck
2	Cable plus installation	Plastic pieces	Reuse in cable molding
3	Packaging	Plastic, metal and paper box	Outside supplier
4	Dining hall	Food waste	Send to livestock
5	Toilet	sewage	discharge with municipal specified area by YCDC truck

4. Current of Environmental Condition and Surrounding Social Environment Condition

Water supply for Sono Smart Link Technology (Myanmar) Company Limited is obtains mainly from the tube well. Water is extracted from one tube well hand washing, bathing, toilets and kitchen.

Water supply for Sono Smart Link Technology (Myanmar) Company Limited is obtains mainly from the tube well and storage with (40,000) gal water tank. Water is extracted from one tube well usage is hand washing, bathing, toilets and kitchen. Tube well water usage is 5000 l/day.

Table(B). Tube well Water Quality Analysis Results

Sr	**Particular**	**Unit**	**Tube Well Water**	**WHO Drinking Water guideline value (Geneva-1993)**
1	pH	S.U	8.6	6.5 – 8.5
2	Colour	TCU	Nil	15
3	Turbidity	NTU	3	5
4	TDS	mg/l	240	1000
5	TSS	mg/l	6	1000
6	Iron	mg/l	0.27	0.3
7	Phosphate	mg/l	Nill	500
8	Nitrate	mg/l	0.2	50
9	Copper	mg/l	Nil	200
10	Calcium	mg/l	40	-
11	Magnesium	mg/l	22	-

Water is extracted from one tube well and this water is used for hand washing and toilets. In the factory, washing system isn't including in operation steps. Therefore, the discharged water amount from the factory is very little. Discharged waste water of Factory was disposed at settlement tank and to the outlet of YCDC drainage. Discharged waste water from Factory was collected from the factory outlet and analyzed at ISO Tech laboratory.

Table(C). Wastewater Quality Analysis Result

Sr	Particular	Unit	NEQEG	Discharge Waste Water
1	pH	S.U	6-9	8
2	TSS	mg/l	50	68
3	TDS	mg/l	-	164
4	Nitrate	mg/l	-	2.4
5	BOD	mg/l	50	48
6	COD	mg/l	250	96
7	TS	mg/l	0.1	232

The main sources of air pollutant from the project area are the operation of the machine operation, diesel generator and vehicles moment and human activities.CO, CO_2, NO_2, SO_2, O_3, PM_{10} and PM $_{2.5}$ are measured at the proposed project site. The site is in operation stage and the collected data shown below are due to the CMP activities.

Table(D). Result of Air Quality

No	Parameters	Results		Avg. Period	Guideline value (NEQG)	Averaging Period
		Observed value	Converted value			
1	Nitrogen dioxide NO_2	54 ppb	101.5(µg/m^3)	1-hour*	40 (µg/m^3) 200 (µg/m^3)	1-year 1-hour
2	Ozone (O_3)	32 ppb	62.7(µg/m^3)	8-hour	100 (µg/m^3)	8-hour daily maximum
3	Particulate matter PM_{10}	23 (µg/m^3)		24-hour	20 (µg/m^3) 50 (µg/m^3)	1-year 24-hour
4	Particulate matter $PM_{2.5}$	11 (µg/m^3)		24-hour	10 (µg/m^3) 25 (µg/m^3)	1-year 24-hour
5	Sulfur dioxide SO_2	2 ppb	5.24(µg/m^3)	24-hour	20 (µg/m^3) 500 (µg/m^3)	24-hour 10 minutes
6	Carbon dioxide CO_2	240 ppm		24-hour	-	
7	Carbon monoxide CO	2 ppb		24-hour	-	

Since the place for measuring noise levels is a factory which produces operation machine, the noises produced are governed by the sound of the machine operated and by the workers.

Table(E). Average Values of Noise Level (dB) at the sampling point

Noise Sample Point	**Date/Time (1-9-2021)**	**Observed Noise Level (MeanValue) (dBA)**
NS	9: 00 -9:59	60.8
	10: 00-10: 59	62.1

	11: 00-11: 59	60.7
	12: 00-12: 59	54.1
	13: 00-13: 59	57.7
	14: 00-14: 59	59.7
	15: 00-15: 59	60.2
	16: 00-16: 59	56.9

Socio-economic factors are lifestyle components and measurements of both financial viability and social standing. They directly influence social privilege and levels of financial independence. Factors such as health status, income, environment and education are studied by sociologists in terms of how they each affect human behaviors and circumstances. The fact data of Socio-Economic Components is reference from national census data (2015).

The project area is located in Myae Kwat No. (A 003,004), Myae Kwat No.(5), Myaetie Yatkwat No.(143/1), Dagon Myo Thit (Southern), Yangon Region, Myanmar. The total number of households in Dagon Myo Thit (Southern) is 76,984 only. The majority of the households in Dagon Myo Thit (Southern) are living in wooden houses (60.9%) followed by households in bamboo houses (15.3 %).

The study area is located in Dagon Myo Thit (Southern) of Yangon Region. The proposed factory is currently occupied by near villages, cultivated land. Therefore, the topography is no major differences in altitude. The climate of factory area is located in tropical wet and dry climate. The fact data of Meteorology is reference from Measurement data of Meteorology and Hydrology (Myanmar) Department in 2020 period.

A lot of rain falls in the months of May, June, July, August, September and October. Yangon has dry periods in December January, February, March and April. The wettest month with the highest rainfall is August (602 mm) and the driest month with the lowest rainfall is February (2 mm). The month with the highest number of rainy days is July (26.2 days) and the months with the lowest number of rainy days are January, February and December (0.2 days).

Table (F)Average Rainfall and Rainfall Days of Yangon

Sr	**Month**	**Average Rainfall**	**Average Rainfall Days**
1	January	5 mm	0.2 days

2	February	2 mm	0.2 days
3	March	7 mm	0.4 days
4	April	15 mm	1.6 days
5	May	303 mm	12.6 days
6	June	547 mm	25.3 days
7	July	559 mm	26.2 days
8	August	602 mm	26.1 days
9	September	368 mm	19.5 days
10	October	206 mm	12.2 days
11	November	60 mm	4.8 days
12	December	7 mm	0.2 days

Biodiversity includes two portions, which are the study of vegetation (flora) and the study of living animals (fauna). There is no natural vegetation, wildlife and deforestation in Dagon Myo Thit (Southern).

3. Impact Assessment and Mitigation

Table G. Environmental Aspect and Impact

Sr.	**Activity List**	**Aspect**	**Impact**
1	Raw materials Storage	Overweight lifting	Injury from overweight lifting
		Packing waste	Solid waste generation
2	Wire Cutting	Operation of wire cutting machine	Injury from cutting machine, Solid waste generation
3	Lead welding	Operation of automatic welding machine	Injury from molding machine, Solid waste generation
4	Adhesion	Contact with UV glue	Chemical hazard
5	Metal cover installation and Testing	Operation of automatic machine	Injury from machine, Solid waste generation

6	Coat molding	Operation of automatic molding machine	Injury from machine, Solid waste generation
7	Packing and Storage	Packing waste	Solid waste generation
		Pieces of plastic/ paper box	Solid waste generation
		Overweight lifting	Injury from overweight lifting

Table C. Mitigation Measures

IMPACTS	**Impact Source**	**Mitigation**
Fire hazard	-Smoking in prohibited area - Wire shock by continuous electricity usage - Disel usage for generator	1. Strictly prohibit smoking within factory compound 2. Clearly define and notify emergency exits 3. Passage ways must always be kept clean and clear 4. Regularly check and refill fire extinguishers 5. Exercise fire drill regularly 6. Storage with secondary container for diesel container
Solid Waste	Pieces of wire cutting - Pieces of molding waste - Packing waste Plastic waste - General waste	1. Cleaning continuous and regularly 2. Packing wire cutting waste in bags 3. Stacking waste bags systematically 4. Calling waste collector regularly 5. Providing adequate dust bins
Physical hazard	-Injury from overweight lifting - Contact with cutting machine, molding machine and auto welding machine	1. Using necessary lifting and carrying aid apparatus and machinery 2. Using metal hand gloves for cutting machine operators 3. Installing machine guards

	- Ergonomics	
Noise	- Operation of cutting machine - Operation of generator	1. Carrying out regular maintenance works for all the equipment 2. Providing adequate ear muffs for workers 3. Regular inspection and supervision of the usage of ear muffs for the workers working at high noise areas
Machinery hazard	Operation of cutting machine - Operation of molding machine and welding machine	1.Wearing necessary PPE (goggle, hand gloves, ear muffs) 2.Regular inspection and cleaning of debris, dusts and oils on machine components 3. Regular inspection of lubricant leakage and refilling as necessary 4. Clearing work place of flammable materials before using machine 5. Installation safety guard on machine 6. Regular inspection of belt, gears, sprockets, chains, and other moving parts. 7. Systematically installing machine parts 8. Regular inspection of power cable 9. Preparing checklist, warning signs or lights of inspection for using machine and displaying at visible location near machine 10. Allow only qualified workers to operate or maintain machine. 11. Install emergency stop devices on machine to enable workers to shut off the equipment within easy reach of workers.in an emergency.
Chemical hazard	- Contact with adhesive	1. Providing hand gloves, mask and goggle for workers working in fabric adhesion process

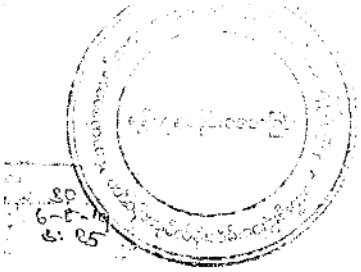
		2. Educating fabric adhesion workers about hazard of the process and usage of PPE 3. Supervising and regular inspection of the use of PPE

ENVIRONMENTAL MANAGEMENT PLAN
FOR
SONO SMART LINK TECHNOLOGY (MYANMAR) COMPANY LIMITED

1 INTRODUCTION

1.1 Project Background

Sono Smart Link Technology (Myanmar) Company Limited is a Private Company Limited incorporated under the Myanmar Companies Act. Sono Smart Link Technology (Myanmar) Company Limited is a specialized company in Registration Department (DICA) with registration Number (120841505). Investment type of Sono Smart Link Technology (Myanmar) Company Limited is fully foreign investment business and the factory produces electrical accessories with CMP production scheme. Majority of the products are distributed to local markets. The company is located No. (A 003,004), Myae Kwat No.(5), Myaetie Yatkwat No.(143/1), Dagon Myo Thit (Southern), Yangon Region, Myanmar. The owner of the project requested to get an opinion from the Environmental Conservation Department (Yangon) to prevent environmental and socio-economic impacts and to carry out an environmental protection process and to get MIC permit. Environmental Conservation Department (Yangon) made a comment to submit the environmental management plan and reply letter is shown in figure 1. Therefore, This Environmental Management Plan (EMP) was prepared by Departmental leaders of Sono Smart Link Technology (Myanmar) Company Limited factory company organization itself. This Environmental Management Plan (EMP) for Sono Smart Link Technology (Myanmar) Company Limited factory was prepared by company organization itself. This Environmental Management Plan has been done with reasonable skills, care and diligence in accordance with the stipulations of Environmental Impact Assessment Procedure (Paragraph 76-82). Sono Smart Link Technology (Myanmar) Company Limited factory EMP team consists of the core team and sector-wise participants.



တိုင်းဒေသကြီးညွှန်ကြားရေးမှူးရုံး
ပတ်ဝန်းကျင်ထိန်းသိမ်းရေးဦးစီးဌာန
ရန်ကုန်တိုင်းဒေသကြီး
ရန်ကုန်မြို့
စာအမှတ်၊ ရက-၁/၃/၄(အီးအိုင်အေ)(၁၀၂၆ /၂၀၁၉)
ရက်စွဲ၊ ၂၀၁၉ ခုနှစ်၊ သြဂုတ်လ ၁ ရက်

သို့

✓ အတွင်းရေးမှူး
ရန်ကုန်တိုင်းဒေသကြီး ရင်းနှီးမြှုပ်နှံမှုကော်မတီ

အကြောင်းအရာ။ **Sono Smart Link Technology Company Limited ၏ CMP စနစ်ဖြင့် လျှပ်စစ်အဝိုပစ္စည်းအမျိုးမျိုး ထုတ်လုပ်ခြင်းလုပ်ငန်းနှင့် ပတ်သက်၍ ပတ်ဝန်းကျင်ဆိုင်ရာ သဘောထားမှတ်ချက်ပြန်ကြားခြင်း**

ရည်ညွှန်းချက်။ ရန်ကုန်တိုင်းဒေသကြီး ရင်းနှီးမြှုပ်နှံမှုကော်မတီ၏ ၁၇-၇-၂၀၁၉ ရက်စွဲပါစာအမှတ်၊ ရကတ/ ရနမ - ၂ / ၂၀၁၉ (၅၅၅)

၁။ အကြောင်းအရာပါကိစ္စနှင့်ပတ်သက်၍ Sono Smart Link Technology Company Limited သည် ရန်ကုန်တိုင်းဒေသကြီး၊ ဒဂုံမြို့သစ် (တောင်ပိုင်း) မြို့နယ်၊ မြေတိုင်းရပ်ကွက်အမှတ် (၁၄၃/ ၁)၊ မြေကွက်အမှတ် (၅)၊ Unit # A - 003, A - 004 တွင် ရာခိုင်နှုန်းပြည့်နိုင်ငံခြားရင်းနှီးမြှုပ်နှံမှုဖြင့် အကောင်အထည်ဖော်ဆောင်ရွက်မည့် CMP စနစ်ဖြင့် လျှပ်စစ်အဝိုပစ္စည်းအမျိုးမျိုး ထုတ်လုပ်ခြင်းလုပ်ငန်း ဆောင်ရွက်လိုကြောင်း တင်ပြလာခြင်းကိစ္စနှင့်ပတ်သက်၍ မြန်မာနိုင်ငံရင်းနှီးမြှုပ်နှံမှုနည်းဥပဒေ အပိုဒ် - ၇၁ အရ အတည်ပြုလွှာအား လက်ခံခြင်း၊ ငြင်းပယ်ခြင်းကို ရင်းနှီးမြှုပ်နှံသူထံသို့ ပြန်ကြားရန်နှင့် နည်းဥပဒေအပိုဒ် - ၇၂ (ခ) အရ အတည်ပြုမိန့် ထုတ်ပေးနိုင်ရေးအတွက် ပတ်ဝန်းကျင်ဆိုင်ရာ သဘောထားမှတ်ချက် ပြန်ကြားပေးပါရန် ရည်ညွှန်းပါစာဖြင့် တင်ပြတောင်းခံလာပါသည်။

၂။ အဆိုပြုပေးပို့လာသော ရင်းနှီးမြှုပ်နှံမှုဆိုင်ရာ စီမံကိန်းအဆိုပြုလွှာအား စိစစ်ရာတွင် အောက်ပါအချက်များကို စိစစ်တွေ့ရှိရပါသည်-

(က) အဆိုပြုလုပ်ငန်းအတွက် ရင်းနှီးမြှုပ်နှံမှုကာလမှာ (၂၅) နှစ်ဖြစ်ပြီး ကနဦးရင်းနှီးမြှုပ်နှံမှုမှာ (၅) နှစ်နှင့် သက်တမ်းတိုး (၁၀) နှစ် (၂) ကြိမ် ဆောင်ရွက်မည်ဖြစ်ပြီး တည်ဆောက်ပြင်ဆင်ရေးကာလမှာ (၁) နှစ်ဖြစ်ကြောင်း၊

(ခ) အဆိုပြုလုပ်ငန်းသည် Dongguan Sonor Industrial Investment Co. Ltd.မှ တရုတ်နိုင်ငံသား (၁) ဦးနှင့် ဟောင်ကောင်နိုင်ငံရှိ E and C Smart Link Technology

Co., Ltd. မှ တရုတ်နိုင်ငံသား (၃) ဦးတို့မှ အမေရိကန်ဒေါ်လာ (၀.၃၅၁) သန်းဖြင့် ရာခိုင်နှုန်းပြည့် နိုင်ငံခြားရင်းနှီးမြှုပ်နှံမှုလုပ်ငန်းဖြစ်ကြောင်း၊

(ဂ) အဆိုပြုလုပ်ငန်းသည် ရင်းနှီးမြှုပ်နှံမှုနှင့်ကုမ္ပဏီများညွှန်ကြားမှုဦးစီးဌာနမှ ၁၇-၆-၂၀၁၉ ရက်နေ့တွင် ကုမ္ပဏီမှတ်ပုံတင်လက်မှတ်အမှတ် ၁၂၀၈၄၁၅၀၅ ဖြင့်ရရှိထားကြောင်း၊

(ဃ) အဆိုပြုစီမံကိန်းလုပ်ငန်းအား မြေရေယာ ၂.၇၃၉ ကေ အနက်မှ ၀.၃၉၈ ကေ (၁,၆၀၉. ၈၂၃၉ စတုရန်းမီတာ) ပေါ်တွင် (၅၉ ပေ x ၂၃၀ ပေ) ပတ်လည်ရှိသော (၁) ထပ် စက်ရုံအဆောက်အဦ (၂) လုံး ဆောက်လုပ်၍ လုပ်ငန်းဆောင်ရွက်မည် ဖြစ်ကြောင်း၊

(င) အဆိုပြုလုပ်ငန်းအတွက် လိုအပ်သော ကုန်ကြမ်းများဖြစ်သည့် USB, Cable, Wire, Blisters, Metal shield စသည့် လျှပ်စစ်အပိုပစ္စည်းအမျိုးမျိုး ထုတ်လုပ်ရာတွင် လိုအပ်သောဆက်စပ်ပစ္စည်းများကို တရုတ်၊ အမေရိကန်၊ စင်ကာပူနှင့် ထိုင်းနိုင်ငံ များမှ တင်သွင်းအသုံးပြုမည်ဖြစ်ကြောင်း၊

(စ) အဆိုပြုလုပ်ငန်းမှ ထုတ်လုပ်မှုအနေဖြင့် ပထမနှစ်မှ (၁၀) နှစ်အတွင်း လျှပ်စစ် အပို ပစ္စည်းအမျိုးမျိုး အရေအတွက် (၈၇,၄၀၀,၀၀၀) မှ (၉၆,၁၄၀,၀၀၀) အထိ အထိ တိုးမြှင့် ထုတ်လုပ်၍ ထုတ်ကုန်များဖြစ်သော လျှပ်စစ်အပိုပစ္စည်းအမျိုးမျိုးကို အမေရိကန်၊ ဂျာမနီနှင့် အခြားဥရောပနိုင်ငံများနှင့် ဂျပန်သို့ တင်ပို့သွားမည် ဖြစ်ကြောင်း၊

(ဆ) လုပ်ငန်းဆောင်ရွက်ရာတွင် စက်ရုံအတွက် လိုအပ်သည့် စက်ပစ္စည်းအသစ် (၂၀) မျိုးကို တရုတ်နိုင်ငံမှ တင်သွင်းတပ်ဆင် အသုံးပြုသွားမည်ဖြစ်ပြီး ရုံးသုံးပစ္စည်း (၈) မျိုးကို ပြည်တွင်းမှ ဝယ်ယူအသုံးပြုသွားမည်ဖြစ်ကြောင်း၊

(ဇ) နိုင်ငံခြားသား ကျွမ်းကျင်ပညာရှင်ဝန်ထမ်း (၁၀) ဦးနှင့် နိုင်ငံသား (ပြည်တွင်း) ဝန်ထမ်းများကို ပထမနှစ်မှ (၁၀) နှစ်အတွင်း (၁၀၀၀) ဦး၊ စုစုပေါင်း ဝန်ထမ်း (၁၀၁၀) ဦးအား ခန့်အပ်ပြီး လုပ်ငန်းဆောင်ရွက်သွားမည်ဖြစ်ကြောင်း၊

(ဈ) မီးဘေးအန္တရာယ်ကာကွယ်ရေး အစီအစဉ်၊ ဝန်ထမ်းများအတွက် ကျန်းမာရေး စောင့်ရှောက်မှု အစီအစဉ်နှင့် လုပ်ငန်းခွင်သက်သာချောင်ချိရေး အစီအစဉ်များကို လည်း ထားရှိဆောင်ရွက်သွားမည်ဖြစ်ကြောင်း၊

(ည) လုပ်ငန်းမှ နှစ်စဉ်ရရှိလာမည့် အသားတင်အမြတ်ငွေ၏ (၂) ရာခိုင်နှုန်းကို လူမှုရေး ဆိုင်ရာ တာဝန်ခံမှု (Corporate Social Responsibility – CSR) လုပ်ငန်းများတွင် ထည့်ဝင် အသုံးပြုသွားမည်ဖြစ်ကြောင်း။

ရင်းနှီးမြှုပ်နှံရန် အဆိုပြုလာသော Sono Smart Link Technology Company Limited ၏ ျပ်စစ်အပိုပစ္စည်းအမျိုးမျိုး ထုတ်လုပ်၍ ပြည်ပနိုင်ငံများသို့ တင်ပို့ရောင်းချခြင်းလုပ်ငန်းဆောင်ရွက် ်း နှင့်စပ်လျဉ်း၍ အောက်ဖော်ပြပါ ပတ်ဝန်းကျင်ဆိုင်ရာထိခိုက်မှုများ ဖြစ်ပေါ်လာနိုင်ကြောင်း းသပ်တွေ့ရှိရပါသည်-

(ခ) စီမံကိန်းဆောင်ရွက်မှုကြောင့် ပတ်ဝန်းကျင်၊ လူမှုရေးထိခိုက်မှု မဖြစ်ပေါ်စေရေး (သို့မဟုတ်) ထိခိုက်မှုအနည်းဆုံးဖြစ်စေမည့် လုပ်ငန်းဆောင်ရွက်မည့်အစီအစဉ်၊ စွန့်ပစ်ပစ္စည်းစီမံခန့်ခွဲမှုအစီအစဉ်၊ စောင့်ကြည့်လေ့လာမည့်အစီအစဉ်၊ ပတ်ဝန်းကျင်ထိခိုက်မှုလျော့ပါးရေး ဆောင်ရွက်မည့်လုပ်ငန်းများအတွက် သုံးစွဲမှုရန်ပုံငွေ စသည်တို့ပါဝင်သည့် ပတ်ဝန်းကျင်စီမံခန့်ခွဲမှုအစီအစဉ် (Environmental Management Plan – EMP) ကို ပတ်ဝန်းကျင်ထိခိုက်မှုဆန်းစစ်ခြင်း လုပ်ထုံးလုပ်နည်းပါ အပိုဒ် (၆၃) (ဇ) နှင့်အညီ ရေးဆွဲတင်ပြရန်နှင့် စီမံချက်ပါအတိုင်း အကောင်အထည်ဖော်ဆောင်ရွက်ရန်၊

(ဂ) စီမံကိန်းဆောင်ရွက်မည့် လုပ်ငန်းရှင်အနေဖြင့် ပတ်ဝန်းကျင်စီမံခန့်ခွဲမှုအစီအစဉ် (Environmental Management Plan – EMP) အစီရင်ခံစာ ရေးသားပြုစုရာတွင် ပြဋ္ဌာန်းထုတ်ပြန်ထားပြီးဖြစ်သော ပတ်ဝန်းကျင်ထိန်းသိမ်းရေးဥပဒေ၊ နည်းဥပဒေများ၊ ပတ်ဝန်းကျင်ထိခိုက်မှုဆန်းစစ်ခြင်းဆိုင်ရာ လုပ်ထုံးလုပ်နည်းနှင့် အမျိုးသား ပတ်ဝန်းကျင်ဆိုင်ရာ အရည်အသွေး (ထုတ်လွှတ်မှု) လမ်းညွှန်ချက်များတွင် ဖော်ပြပါရှိသည့် လိုက်နာဆောင်ရွက်ရမည့်အချက်များ၊ လုပ်ထုံးလုပ်နည်းများ၊ လမ်းညွှန်ချက်များနှင့်အညီ လိုက်နာဆောင်ရွက်ရန်၊

(ဃ) ပတ်ဝန်းကျင်စီမံခန့်ခွဲမှုအစီအစဉ် (EMP) တင်ပြရာတွင် တင်ပြရမည့်အစီအစဉ် အလိုက် လိုအပ်သည့်ပုံစံများ ဖြည့်စွက်၍ ပူးတွဲတင်ပြရန်၊

(င) ရန်ကုန်တိုင်းဒေသကြီးအစိုးရအဖွဲ့၏ ကြီးကြပ်ကွပ်ကဲမှုဖြင့် စီမံကိန်းလုပ်ငန်းဆောင်ရွက်မည့် နေရာဒေသတွင် နေထိုင်သောဒေသခံပြည်သူများ၏ ဆန္ဒနှင့် သဘောထားများကို ရယူဆောင်ရွက်ရန်။

ခင်သီတာတင်
၁၂၊၈၊၂၀၁၉
(ခင်သီတာတင်)
ညွှန်ကြားရေးမှူး
ပတ်ဝန်းကျင်ထိန်းသိမ်းရေးဦးစီးဌာန
ရန်ကုန်တိုင်းဒေသကြီး

ရေးကူးကို

ပတ်ဝန်းကျင်ထိခိုက်မှုဆန်းစစ်ရေးဌာနခွဲ၊ ပတ်ဝန်းကျင်ထိန်းသိမ်းရေးဦးစီးဌာန၊ ရန်ကုန်တိုင်းဒေသကြီး

ရုံးလက်ခံ၊ မျှောစာတွဲ

Figure 1. Environmental Conservation Department (Yangon) Reply letter

1.2 Objectives of the EMP Study

The aim of environmental management plan (EMP) for Sono smart link technology (Myanmar) company limited is to enable the approving authority and the developer to properly consider the potential environmental and social consequences of the project and to delineate an environmental management plan for the project.

Primary objective of the report is to provide sufficient, clear and objective information for the approving authority to make a decision on whether to approve the project and if so, under what conditions.

EMP study for Sono smart link technology (Myanmar) company limited factory is performed with the following specific objectives:

(a) to investigate the legality of the project;

(b) to study the background factory environmental area;

(c) to release project information for the general public;

(d) to study the environmental, social and socioeconomic issues likely to occur; and

(e) to devise mitigation and enhancement measures for key environmental and social impacts.

1.3 Project Objective

The project involves the production of a wide range of industry using the CMP system, which produces high-quality products of international standard by hand to international orders, in order to increase workers' skills. Just as the project owner, so does the state to receive relevant sector taxes and foreign currency. To provide employment opportunities to the people around the project; and 2% of business profits to support public development that follow CSR policy.

1.4 Project Owner

Sono Smart Link Technology (Myanmar) Company Limited is a Private Company Limited incorporated under the Myanmar Companies Act. The company is located No. (A 003,004), Myae Kwat No.(5), Myaetie Yatkwat No.(143/1), Dagon Myo Thit (Southern), Yangon Region, Myanmar. The list of Directors of the project owner is shown in following

table. The estimated investment for the Sono Smart Link Technology (Myanmar) Company Limited is US$ 0.350 million for 25 years.

Table 1. List of the Project Owner of Sono Smart Link Technology (Myanmar) Company Limited

Sr.	Name	Nationality, NRC No. / PP No.	Address	Position
1.	Mr. Hu Shengqi	Chinese EF0540861	No. 10, Gaoxin South, Nanshan District, Shenzhen, Guangdong, China	Director

Table 2. Project Contact Person of Sono Smart Link Technology (Myanmar) Company Limited

Sr	Name	Ph No/Email
1	U Aung Min Kyaw	09- 890092014/ emp.reporting.to.ecd@gmail.com

1.5 PRESENTATION OF THE ENVIRONMENTAL TEAM

Sono Smart Link Technology (Myanmar) Company Limited was arranged for EMP study and reporting for Sono Smart Link Technology (Myanmar) Company Limited factory. EMP team consists of the following team and sector-wise participants.

Table 3. EMP Team Member

Sr.	Position	Area of Responsibility
1	Factory Manager	Reporting and Public Consultation
2	Factory Engineer	Reporting Arrangement
3	HR Manager	Data Collection
4	Operation Supervisor	Data Collection

2 LEGAL REQUIREMENTS

The Laws, Rules and Procedures should be compliance from Sono Smart Link Technology (Myanmar) Company Limited is as follows.

1. Environmental Conservation Law (2012)
2. National Environmental Quality (Emission) Guideline
3. WHO Drinking Water guideline value (Geneva-1993)
4. Employment and Skill Development Law (2013)
5. Factory Act (1951)
6. Minimum Wages Law (2013)
7. Myanmar Fire Bridgate Law (2015)
8. Occupational Safety and Health Law (2019)
9. The Labour Organization Law (2011)
10. The Settlement of Labour Dispute Law (2012)
11. The Leave and Holiday Act (1951)
12. The Prevention of Hazard from Chemical and related Substances Law (2013)
13. The Control of Smoking and Consumption of Tobacco Product Law (2006)
14. The Export and Import Law (2012)
15. The Boiler Law (2015)
16. Foreign Investment Law (2013)
17. Social Security Law (2012)
18. The Payment of Wages Act(2016)
19. Yangon City development law YCDC (2018)

2.1 Environmental Conservation Law

Myanmar enacted the ***Environmental Conservation Law*** on 30th March, 2012 as Pyidaungsu Hluttaw Law No.9/2012. There are eight objectives of the law which stress on (i) implementation of Myanmar National Environmental Policy, (ii) integration of environmental conservation in sustainable development, (iii) emerging healthy and clean environment and conserving natural and cultural resources, (iv) reclaiming ecosystems, (v) sustainable and beneficial use of natural resources, (vi) promoting public awareness and cooperation, (vii) promoting international cooperation, (viii) and cooperation with government departments,

INGOs, NGOs and individuals for the matters of environmental conservation. There are 42 paragraphs in 14 sections of the law.

Table 4. Relevant Stipulations in Environmental Conservation Law

Sr.	Paragraph	Stipulation
1	14	A person causing a point source of pollution shall treat, emit, discharge and deposit the substances which cause pollution in the environment in accord with stipulated environmental quality standards.
2	15	The owner or occupier of any business, material or place which causes a point source of pollution shall install or use an on-site facility or controlling equipment in order to monitor, control, manage, reduce or eliminate environmental pollution. If it is impracticable, it shall be arranged to dispose the wastes in accord with environmentally sound methods.
3	16	A person or organization operating business in the industrial estate or business in the special economic zone or category of business stipulated by the Ministry: (a) is responsible to carry out by contributing the stipulated cash or kind in the relevant combined scheme for the environmental conservation including the management and treatment of waste; (b) shall contribute the stipulated users' charges or management fees for the environmental conservation according to the relevant industrial estate, special economic zone and business organization; (c) shall comply with the directives issued for environmental conservation according to the relevant industrial estate, special economic zone or business.
4	39 (b)	If any terms and conditions of environmental conservation contained in the prior permission for a business is not complied with, the power to cancel the issued license, permit or register

		or suspend it for a limited period is granted for relevant government department, or government organization.

2.2 National Environmental Quality (Emission) Guideline

National Environmental Quality (Emission) Guidelines (NEQG) for waste water and noise levels are referenced in this EMP report. Followings are the environmental standards and guidelines adopted by EMP team.

Table 5. Environmental Standards for Wastewater Discharge (NEQEG)

Sr.	Parameter	Unit	Guideline Value
1	5-day BOD	mg/l	50
2	COD	mg/l	250
3	Oil and grease	mg/l	10
4	pH	Standard unit	6-9
5	Temperature increase	°C	<3
6	Total coliform bacteria	100 ml	400
7	Total nitrogen	mg/l	10
8	Total phosphorus	mg/l	2
9	Total suspended solids	mg/l	50

Table 6. Noise Level Standard (NEQG)

Receptor	One Hour LAeq (dBA)	
	Daytime (7:00-22:00) (10:00-22:00 for public holidays)	Nighttime (22:00-7:00) (22:00-10:00 for public holidays)
Residential, institutional, educational	55	45
Industrial, commercial	70	70

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Table 7. Air Quality Standard (NEQG)

Sr.	Parameter	Averaging Period	Guideline Value µg/m³
1	Nitrogen dioxide	1-year 1-hour	40 200
2	Ozone	8-hour daily Maximum	100
3	PM_{10}	1-year 24 hour	20 50
4	$PM_{2.5}$	1-year 24 hour	10 25
5	Sulfur dioxide	24-hour 10-minute	20 500

2.3 WHO Drinking Water guideline value (Geneva-1993)

There are a number of sources of naturally occurring chemicals in drinking-water. All-natural water contains a range of inorganic and organic chemicals. The former derives from the rocks and soil through which water percolates or over which it flows. The latter derive from the breakdown of plant material or from algae and other microorganisms that grow in the water or on sediments. Most of the naturally occurring chemicals for which guideline values have been derived or that have been considered for guideline value derivation are inorganic. Only one, microcystin-LR, a toxin produced by cyanobacteria or blue-green algae, is organic.

Table 8. WHO Drinking Water guideline value (Geneva-1993) Table

Sr	Particular	Unit	WHO Drinking Water guideline value (Geneva-1993)
1	pH	S.U	6.5 – 8.5
2	Colour	TCU	15
3	Turbidity	NTU	5
4	TDS	mg/l	1000
5	TSS	mg/l	1000

6	Iron	mg/l	0.3
7	Phosphate	mg/l	500
8	Nitrate	mg/l	50
9	Copper	mg/l	200

2.4 Employment and Skill Development Law

With the objectives to facilitate employment which is appropriate to the age and ability of the job seeker, to help workers obtain employment and to provide stability of employment and skills development for employees, to help employers obtain appropriate employees, the Employment and Skill Development Law came into force in late 2013. The law stipulates the facts required to be included and specified in the employment agreement between the employer and employee.

The law stipulates that a company must enter into written employment contracts with Myanmar citizens and foreign staff within 30 days of employment. A Standard Employment Contract is issued which is applicable to all employees, public and private, and shall be deemed to apply in all cases where the employee's written contract is silent. The Standard Employment Contract is largely provided for convenience. It allows employers and employees to vary the terms of the Standard Employment Contract so long as the variation is not in contravention of Myanmar's labor and employment laws.

Furthermore, an employment agreement may address issues such as job description, place of employment, working hours, wages and benefits, probation period, termination, and duration of the contract. Employee performance and work standards may be inserted into the employment contract too.

2.5 Factory Act

The act outlines provisions for working hours for a week, interval between continuous working hours, maximum working hours per day, and working days per week. It also stipulates maximum overtime working hours, overtime wage, worksite safety and health measures as well as welfare measures for workers. Welfare measures includes washing and cleaning facilities, seats first aid boxes, factory clinic, recreation center and canteen and child nursery center.

2.5.1 Working hours

- Shall not exceed 8 working hours per day or 44 hours per week
- Shall not exceed 48 hours per week for the work which has to be done continuously
- There must be a minimum 30 minutes interval after each 5 working hours
- The combined working hours and interval time shall not exceed 10 hours per day
- The working days shall not exceed 6 days per week
- There must be one day holiday each week (Sunday). If Sunday service is required, there must be a substitution of another day.

2.5.2 Overtime

- Shall not exceed more than 16 hours per week or, for continuous work, 12 hours per week
- The overtime wage shall be calculated as double the basic wage
- Permission of Factories and the General Labour Law Inspection Department must be obtained for an approval of a constant overtime policy.

2.5.3 If working on days-off

- Comply in accordance with the overtime and general working hour provisions
- There must be substituted an alternative day-off.

2.5.4 Calculation of overtime wages

- For salary earners: Overtime wage per hour = {(salary x 12 month) / 52 week x 44 (48) hrs} x 2
- For daily wages worker: Overtime wage per hour = {(daily wage x 6 day) / 44 (48) hrs} x 2
- Piece-work labourers: Overtime wage per hour = {(daily average wage x 6 day) / 44 (48) hrs} x 2

2.5.5 Worksite Safety and Health Measures

- The factory must be kept clean and the workspace must be situated away from drains, latrines or other things which create a bad or unhealthy smell.
- There must be proper ventilation, light and heat.

- There must be no dust or smoke in the hall or factory.
- There must be clean drinking water in proper places for all workers.
- Population of workers must not be dense and there must be sufficient light.
- The latrines must be in suitable places.
- The generators and other auxiliary units must be kept undercover.
- There must be arrangements made for any emergency cut out of electricity service.
- In weaving or spinning machines, any female workers and any children must not be allowed to handle.
- Females and young workers are not allowed to lift heavy loads.
- Floors, stairs and paths must be well-built and hand rails are to be built and necessary covers must be placed.
- In every factory, the arrangement of escape routes and fire alarms must be kept.

2.5.6 Welfare

- There must be washing and cleaning facilities for workers.
- There must be sufficient seats for workers if a chance is given for sitting.
- There must be sufficient First Aid Boxes.
- If the workers in a factory exceed 250, doctors or nurses in clinic are to be appointed.
- If the workers of a factory exceed 100, recreation centers and canteens are to be kept for food.
- For factories with over 50 female workers, there must be a child nursery center available for the children under 6 year of age.

2.6 Minimum Wages Law

2.6.1 Duties of the Employer

- 3,600 kyats per 8-hour working day (450 kyat/hour) shall be the minimum wage paid to skilled employees of companies with more than 15 employees in all industries, throughout all of Myanmar.
- 50% of the minimum – 1,800 kyats per 8-hour working day (225 kyats/hour) – may be paid to completely unskilled newly hired workers engaged in a training/induction program up to a maximum of 3 months.

- 75% of the minimum – 2,700 kyats per 8-hour working day (338 kyats/hour) – may be paid to newly hired employees during their 2nd 3 months of employment, regarded as a 'probationary period'.

2.6.2 Penalty for violation

- If anybody violates the law they may be punished with a maximum of one year imprisonment or with a maximum of five hundred thousand kyats fine or with both
- If anybody violates the rules and orders they may be punished with a maximum of three months' imprisonment or with a fine or with both.

2.7 Myanmar Fire Bridgate Law

Myanmar Fire Bridget Law was enacted in 13th waning of Taboung, 1376 M.E (17, March, 2015). The objectives of this law are as follows:

i. To prevent destruction of State-owned property, private property, cultural heritage and the lives and property of the public by fire and other natural disaster;
ii. To organize the fire brigade systematically and to train members of the fire brigade;
iii. To carry out extinguishing fire, prevention and search and rescue when fire, other natural disaster, epidemic disease or any kind of sudden disaster occurs;
iv. To educate, organize and incite extensively so as to achieve public cooperation when any disaster occurs;
v. To participate and help, if necessary, for the State safety, peace of the public and the rule of law.

2.8 OCCUPATIONAL SAFETY AND HEALTH LAW

The objectives of this Law are given hereunder:

a. to implement Occupational Safety and Health matters effectively in the respective Industries/Businesses;
b. to determine the duties of relevant persons applicable under this Law including Employers and Workers to lessen and mitigate occurrence of Occupational Diseases and Occupational Accidents;

c. to cause relevant persons applicable under this Law, Employers and Workers to take precaution and prevention against occupational hazards and Occupational Diseases;
d. to improve the productivity and health of Workers by preventing the occurrence of Occupational Accidents and Occupational Diseases for their safety;
e. to create Workplaces that are safe and good for health by prescribing the Occupational Safety and Health standards relevant to the Union's status after considering international and regional standards; and
f. to support and help research activities carried out for the development of Occupational Safety and Health matters.

2.9 The Labor Organization Law

The objective of this law is to protect the rights of the workers, to have good relations among the workers or between the employer and the worker, and to enable to form and carry out the labor organizations systematically and independently.

The Law emphasized for the employer is as follows.

1. The employer shall recognize the labor organizations of his trade as the organizations representing the workers.
2. The employer shall allow the worker who is assigned any duty on the recommendation of the relevant executive committee to perform such duty not exceeding two days per month unless they have agreed otherwise. Such period shall be deemed as if he is performing the original duty of his work.
3. The employer shall assist as much as possible if the labour organizations request for help for the interest of his workers. However, the employer shall not exercise any acts designed to promote the establishment or functioning of labour organizations under his domination or control by financial or other means.

2.10 The Settlement of Labor Dispute Law

The Pyidaungsu Hluttaw hereby enacts this Law for safeguarding the right of workers or having good relationship between employer and workers and making peaceful workplace or obtaining the rights fairly, rightfully and quickly by settling the dispute of employer and worker justly.

In any trade in which more than 30 workers are employed, the employer, with the view to negotiating and concluding collective agreement, shall:

(a) if there is any labor organization, form the Workplace Coordinating Committee with the view to make a collective bargaining as follows:

(i) two representatives of workers nominated by each of the labour organizations;

(ii) an equivalent number of representatives of employer;

(b) if there is no labor organization, form the Workplace Coordinating Committee as follows:

(i) two representatives of workers elected by them;

(ii) two representatives of employer.

2.11 The Leave and Holiday Act

2.11.1 Causal Leave (6) days

- Casual leave of 6 days with wages is to be provided
- Causal leave can be taken a maximum of 3 days at a time except in special cases
- Causal leave cannot be joined with any other leave
- Leave will be cancelled if it has not been used within a year

2.11.2 Earned leave (10) days

- For continuous service of 12 months and above, 10 days of 'earned leave' shall be entitled
- If the service day is not 24 days 1-day deduction from earned Leave is made; –
- Can be accumulated for up to 3 years.

2.11.3 Medical Leave (30) days

- Workers are entitled to 30 days of medical leave with full pay if 6 months service has been completed
- If 6 months service has not been completed, 'leave without pay' can be granted for medical needs
- Medical leave can be joined with Earned Leave
- If not taken within a year, medical leave is void or cancelled.

2.11.4 Maternity leave

- Workers requiring it are entitled to 6 weeks maternity leave before confinement and at least (8) weeks after confinement
- Can be entitled jointly with medical leave.

2.11.5 Public Holidays (21) days

- Workers can enjoy time off with full pay.
- If work is given on a public holiday, twice the rate of regular wages is required.

2.12 The Prevention of Hazard from Chemical and Related Substances Law

Pyidaungsu Hluttaw Law (No, 28) The 5th Waning of Wagaung 1375 M.E (26th August, 2013and the Pyidaungsu Hluttaw hereby enacts Law on Prevention of Hazard from Chemical and Related Substances Law. This Law shall apply to all existing or new standard within the Union on the date of entry into force of this Law. The highlight of this Law is as follows:

(a) To protect from being damaged the natural environment resources and being hazardous any living beings by chemical and related substances;

(b) To supervise systematically in performing the chemical and related substances business with permission for being safety;

(c) To perform the system of obtaining information and to perform widely educative and research for using the chemical and related substance systematically;

(d) To perform the sustainable development for the occupational safety, health and environmental conservation.

2.13 The Control of Smoking and Consumption of Tobacco Product Law

This Law was enacted in 2006. The objectives of the Law are:

(a) To convince the public that health can be adversely affected due to smoking and consumption of tobacco product and to cause refraining from the use of the same;

(b) To protect from the danger which affects public health adversely by creating tobacco smoke- free environment;

(c) To obtain a healthy living style of the public including child and youth by preventing the habit of smoking and consumption of tobacco product;

(d) To uplift the health, economy and social standard of the public through control of smoking and consumption of tobacco product;

(e) To implement measures in conformity with the international convention ratified by Myanmar to control smoking and consumption of tobacco product.

2.14 The Export and Import Law (2012)

Myanmar enacted the Export and Import Law on 17th September, 2012) as The Pyidaungsu Hluttaw Law No.17/2012. There are four objectives of the law which stress on

(a) to enable to implement the economic principles of the State successfully;

(b) to enable to lay down the policies relating to export and import that support the development of the State:

(c) to cause the policies relating to export and import of the State and activities are to be in conformity with the international trade standards:

(d) to cause to be streamlined and speedy in carrying out the matters relating to export and import.

Prohibitions

1. No person shall export or import restricted, prohibited and banned goods.

2. Without obtaining license, no person shall export or import the specified goods which is to obtain permission.

3. A person who obtained any license shall not violate the conditions contained in the license.

2.15 The Boiler Law

Myanmar enacted the Boiler Law on 14 July, 2015 as The Pyidaungsu Hluttaw Law No. 39/2015. There are six objectives of the law which stress on

(a) to acquire boilers which are consistent with Myanmar standards or international standards;

(b) not to be damaged and lost the State and public by preventing the risk of boiler accident;

(c) to use the boiler in accord with Myanmar standards or international standards in the Union;

(d) to advance the boiler technologies and to develop competent persons

who are able to manufacture, repair and maintain boilers;
(e) to enable to use the boiler with full capacity by using fuel energy effectively;
(f) to enable to use the boilers for maximum span of life and to reduce the impact on natural social health environment due to such use of boiler.

Law no 4.5. Any person desirous to use a boiler for any enterprise shall register under this Law.
Law no 4.6. A boiler shall be manufactured in accord with Myanmar standards and international standards.
Law no 4.7. The documents and certificates relating to the boiler shall be attached to the application and submitted to the inspector when applying for registration of the boiler under section 5.
Law no 4.8. The respective inspector shall, after scrutinizing and inspecting the boiler on the receipt of application to register the boiler made under section 7, submit the findings to the chief inspector.
Law no 4.9. The chief inspector may, after scrutinizing and examining on the receipt of submission of inspector made under section 8, allow or refuse to register the boiler in accord with the prescribed manner.
Law no 4.10. The chief inspector shall specify the size of boiler according to the heating surface area in accord with the prescribed manner.
Law no 4.11. The Ministry shall specify boiler registration fee and inspection fee according to the heating surface area.
Law no 5.12. The owner shall:
(a) apply to the respective inspector to obtain certificate in accord with the prescribed manner;
(b) apply to register only for the boiler constructed in accord with Myanmar standards or international standards;
(c) the prescribed fee shall be paid when the application is made under sub-section (a).
Law no 5.13. The owner shall:
(a) apply to the respective inspector to renew certificate in accord with

the prescribed manner for a boiler of which the use certificate is void;
(b) The prescribed fee shall be paid when application is made under subsection (a).

Law no 5.14. The owner shall apply to the respective inspector in advance in order to obtain permission though he or she has obtained the certificate or the provisional order if desirous to carry out any of the following matters:
(a) using of the boiler at more than allowable pressure;
(b) repairing, altering, adding or renewing any steam-pipe, feed-pipe or any mounting or other fitting attached to such steam pipe, feed-pipe or mounting or other fitting attached to the boiler.

Law no 5.15. The owner shall submit the certificate or provisional order when so requested by the respective government department and organization as may be necessary.

Law no 5.16. The owner shall surrender the certificate or provisional order within 15 days if such certificate is void before the expiry of the term due to any cause.

Law no 5.17. The preceding owner shall, when transferring the boiler from one owner to another, transfer the certificate or provisional order. Such transfer shall be informed in writing to the inspector within 15 days from the date of transfer.

Law no 5.18. The owner shall inform immediately to the inspector if any accident occurs.

Law no 5.19. The owner shall not:
(a) use a boiler at a pressure higher than allowable pressure;
(b) repair and alter or force to repair and alter the safety valve to exceed allowable pressure;
(c) do any act contained in sub-section (b) of section 14 without permission.

2.16 Foreign Investment Law

The Foreign Investment Law (The Pyidaungsu Hluttaw Law No. 21/2012) is hereby repealed by this Law. Although the Foreign Investment Law (2013) is repealed, the Myanmar Investment Commission formed by that law shall have the power to perform its duties until the date that its duties and powers have been delegated to the Commission that will succeed under this Law..

Law no 8.17. The duties of investor are as follows: -

(a) To abide by the existing law of the Republic of the Union of Myanmar.

(b) To form the company and do business as per the existing law.

(c) To follow the law rules, procedures, notification, order, directive and condition of the permit.

(d) To utilize the land rented or granted by the commission as per designated conditions and the
condition of the contract.

(e) To sublet mortgage, transfer share and transfer of business to the other individual, during the term of
business, for the invested activities, the land and buildings allowed by the approval, with the approval
of the commission.

(f) Not to change the significant topography and the formation of the land permitted to utilize without
the approval of commission.

(g) To report to the commission at once when the mineral resources or antique material or treasure
trove not permitted in the contract on and the underground of the land permitted to utilize, if permitted
by the commission work may continue on the said land, otherwise move to a substituted land that may
request by the investor.

(h) To perform not to affect environmental pollution and spoilage as per existing law in connection with
the investment activities.

(i) If all share of foreign investment company is transferred to citizen or a foreigner outright, the prior
permit shall be taken from the commission and the approval permit is returned only then the share
transfer shall be registered as per existing law.

(j) If some share of foreign investment company is transferred to citizen or a foreigner outright, the

prior permit shall be taken from the commission and the approval permit is returned only then the share
transfer shall be registered as per existing law.
(k) To transfer the high-tech competency technology functioned by him to the concerning

2.17 Social Security Law

Law no 5.13. The Social Security Board shall manage and keep the following social security systems in accord with the stipulations that insured persons may enjoy social security benefits:
(a)Health and Social Care Insurance System:
(i) medical care and cash benefits for sickness;
(ii) medical care and cash benefits for maternity and confinement;
(iii) continued medical care for insured persons after retirement;
(iv) funeral benefit for death due to any cause.
(b)Family Assistance Insurance System:
(i) education allowance benefit for the children of insured persons who earn below the specified amount of income;
(ii) health care and aid benefit in time of natural disaster;
(iii) suitable benefit for dependent family members.
(c)Invalidity Benefit, Superannuation Pension Benefit and Survivors' Benefit Insurance System:
(i) invalidity benefit;
(ii) superannuation pension benefit;
(i) Government departments, Government organizations or regional administrative bodies which do not carry out the business;
(ii) international organizations, embassies or consulates of foreign governments;
(iii) seasonal farming and fishery works;
(iv) non-profit companies, associations or organizations;
(v) establishments working only for a period less than three months;
(vi) private establishments working only by the family members and without worker;
(vii) domestic services not for business purpose;

(viii) establishments exempted under section 99.

(b) The following workers shall not be applied with the provisions of compulsory registration for Social Security System and benefits contained in this Law even though they may be working at any establishments:

(i) workers who have not attained the working age in accord with the existing law and workers who have completed the age entitled for superannuation pension under section 34;

(ii) street vendors and vendors using bicycle, push-cart etc.;

(iii) daily wages earners, part-time workers, piece-workers or outside workers employed from time to time;

(iv) other workers determined by the Ministry of Labour, in co-ordination with the Social Security Board, with the approval of the Union Government that they shall not be applied with the provisions of compulsory registration for Social Security System and benefits contained in this Law.

(c) If the workers from establishments which are not applied with the provisions of compulsory registration forSocial Security System and benefits voluntarily register, made contribution and effect insurance, they shall be entitled to the social security benefits contained in this Law.

2.18 The Payment of Wages Act

Law no 6.14. If an Employee carries out overtime work, he/she must be allowed the presiding overtime rate as set by the Law.

Law no 8.20. The Court can decree that payment can be suspended or exempt in the following
circumstances.
(a) Emergency cases including natural disaster.
(b) In cases of bankruptcy of the Employer.
(c) In cases where the employee is absent to accept payment either by himself/herself or by his/her agent.

Law no 3.7 The Employer…

(a) Can deduct from wages for absences except when such absence is during a public holiday or entitled leave, according to the law.

PWA1601

(b) Accommodation charges and transportation charges, meal allowances, charges for water and electricity, taxes and errors in payment shall be allowed for deduction.

(c) Can deduct from pre-issued, expensed and saved (or) contributed amount according to the law upon the employee contract.

(d) The Employer can deduct with the judgment of the Court of Arbitrator Jury Council.

Law no 3.8. The Employer cannot deduct except the deduction in accordance with Section 7 and Section

Law no 3.9. The total amount of other deductions, except when the employee fails to perform their duties, shall not be more than 50% of the employee's wages.

Law no 3.10. The Employer must…

(a) According to Section 11 of this Act, get permission from the Department concerning "why" and "how" prior to making deductions from wages.

(b) Permissions stated in sub-section (a) shall be publicly posted.

(c) Fines must not exceed the value of damage caused by the action or cost of performance failure of the employee.

(d) According to Section 4 of this Act, when making a specific deduction…

(1) Do not deduct without allowing an appeal from the Employee.

(2) Do not deduct more than 5% of the monthly wages.

(e) No deduction is allowed from a worker under 16 years old.

(f) The timeframe for deductions shall be set upon an agreement from both sides.

(g) Deductions shall be carried out within the limited timeframe upon the agreement of the Township Arbitration Council set in accordance with Law.

(h) Every deduction must be well documented.

(i) You must submit a monthly report to the Department concerning deductions.

(j) Fines deducted according to Section 11 sub-section (b) must be used for the social welfare of

the employees upon discussion with a registered labor organization.

Law no 3.11. Employers shall fine for the following actions or performance failure by the employees…

(a) Direct damage which is either intentional or due to negligence or due to the failure of the employee concerned with company property to take proper care.

PWA1601

(b) A breach of the employment contract or breech of any rules for which a fine had been previously set.

Law no 3.12. If a worker…

(a) Encounters any one of the following situations, he/she shall ask directly or via a registered Labor Organization or by the in-house Workplace Coordination Committee to the Employer:

(1) Any unreasonable deduction from wages

(2) Payment which is not made by the due date.

(b) If the Employer takes no action, although asked in accordance with Section 12 Sub-Section

(a), the Employee can present this to the Inspector within 6 months from the date of the deduction or from the date of the failure to render payment.

Law no 3.13. (a) The Inspector shall issue a decree after reviewing the case presented in accordance with

Section 12 Sub-Section (b).

(b) Not only the Employee, but also the Employer, has 30 days to appeal to the Chief of Inspector if they are not satisfied with the order.

(c) The Chief of Inspector shall decree after reviewing the appeal applied in accordance with Sub-Section (b).

(e) The Chief of Inspector's decision will be the final decision.

2.19YANGON CITY DEVELOPMENT LAW (2018)

Yangon Municipal Development Law(2018, Yangon Region Hluttaw Law No. 5.) 1380 1 day past the first full moon (June 28, 2018)Yangon Region Hluttaw enacted this law. 322. Prohibitions on environmental protection and sanitation.

(a) No person pollutes the land within the city limits; air pollution Do not operate any business that may harm the environment such as water pollution and noise pollution.

(b) No person shall bring within the city limits any substance or substance that causes environmental pollution; toxic substance; radioactive materials; Electronic waste

shall not be disposed of in any place other than the place approved by the committee in accordance with the specified rules.

(c) business within the city limits; factory Owners of workshops and hospitals Liquids that cause harm to both the operator and the operator. Disgusting substances and hospital waste flow to relevant areas; to flow stockpiling scattering pouring out Don't throw it away.

(d) construction work within the city limits; business and factory; Whether the workshop owner or neither the operator nor the operator shall fail in the responsibility of establishing necessary measures to prevent environmental pollution due to their operations.

(e) business within the city limits; waste products from factories and workshops; Due to the flow of wastewater, either due to infiltration into the ground or surrounding well lake Artisan pit There should be no failure to take action to prevent pollution of drains and rivers.

(f) business within the city limits; factory A person who wants to establish a workshop does not comply with environmental protection regulations, but does business. factory No workshop shall be established

(g) No one factory Waste water discharged from workshops and businesses is discharged into drains and rivers without being treated according to specified standards. Do not allow it to flow.

No one factory Any workshop or commercial enterprise shall not discharge into the atmosphere the fumes that can cause air pollution without cleaning them in accordance with the specified standards.

3 PROJECT DESCRIPTION

3.1 Project Location

Sono Smart Link Technology (Myanmar) Company Limited is located at No. (A003,004), Myae Kwat No.(5), Myaetie Yatkwat No.(143/1), Dagon Myo Thit (Southern), Yangon Region, Myanmar. The project area is (0.398) acres of land and it include office, factory, security office, raw materials storage area, canteen and product storage area. The factory is located in front of CMI Engineering Company Limited and near Air Product Myanmar Company Limited. The factory is located in Industrial Zone area. The Factory

construction operation was started in July, 2019. The Factory construction operation was ended in 2020. The plant is start operation process as test period in current condition.

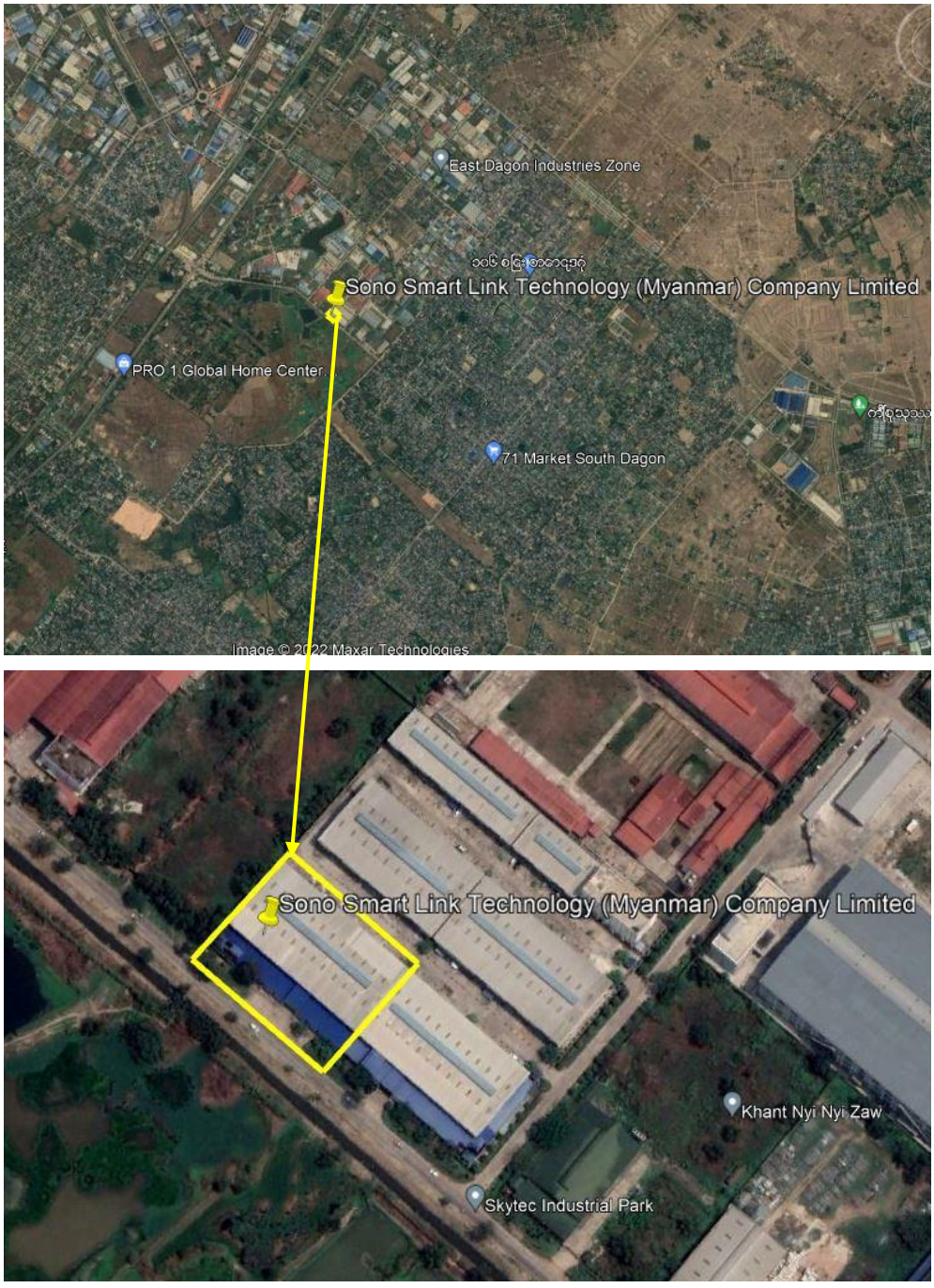


Figure 2. Location of Sono Smart Link Technology (Myanmar) Company Limited

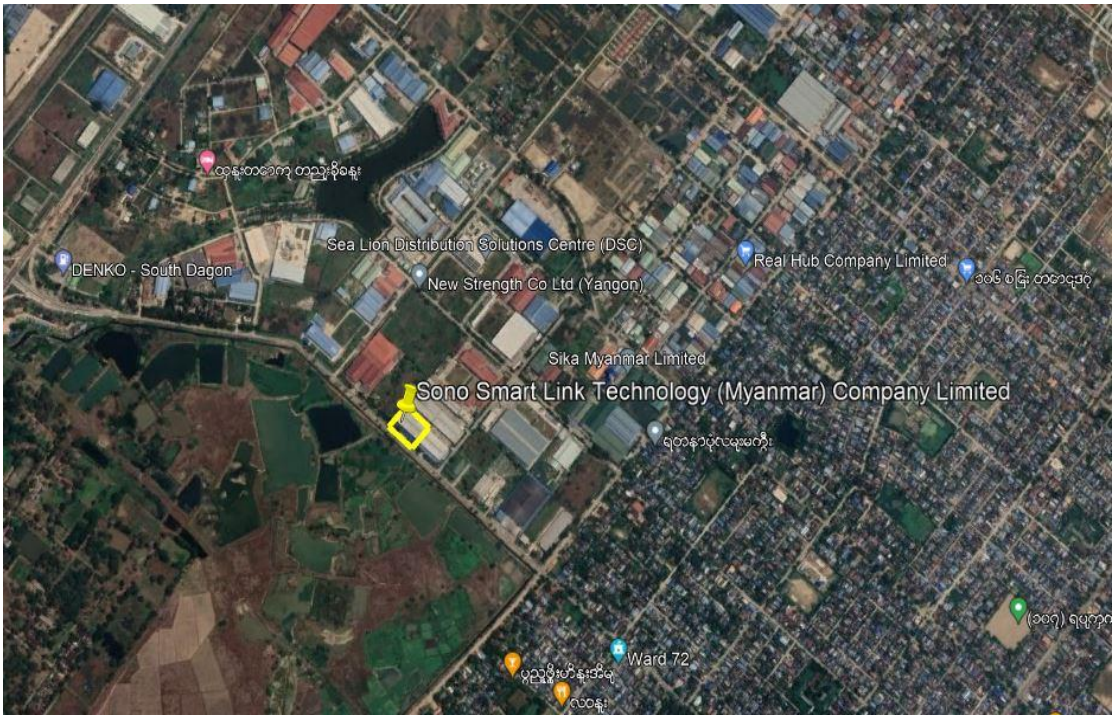


Figure 3. Surrounding View of Sono Smart Link Technology (Myanmar) Company Limited

3.2 Layout Plan

Sono Smart Link Technology (Myanmar) Company Limitedis located at No. (A 003,004), Myae Kwat No.(5), Myaetie Yatkwat No.(143/1), Dagon Myo Thit (Southern), Yangon Region, Myanmar. The project area is 0.398 acres of land at latitude: 16°52'48.36"N, longitude: 96°14'37.59"E). Layout Plan of Sono Smart Link Technology (Myanmar) Company Limited is shown in figure 2.

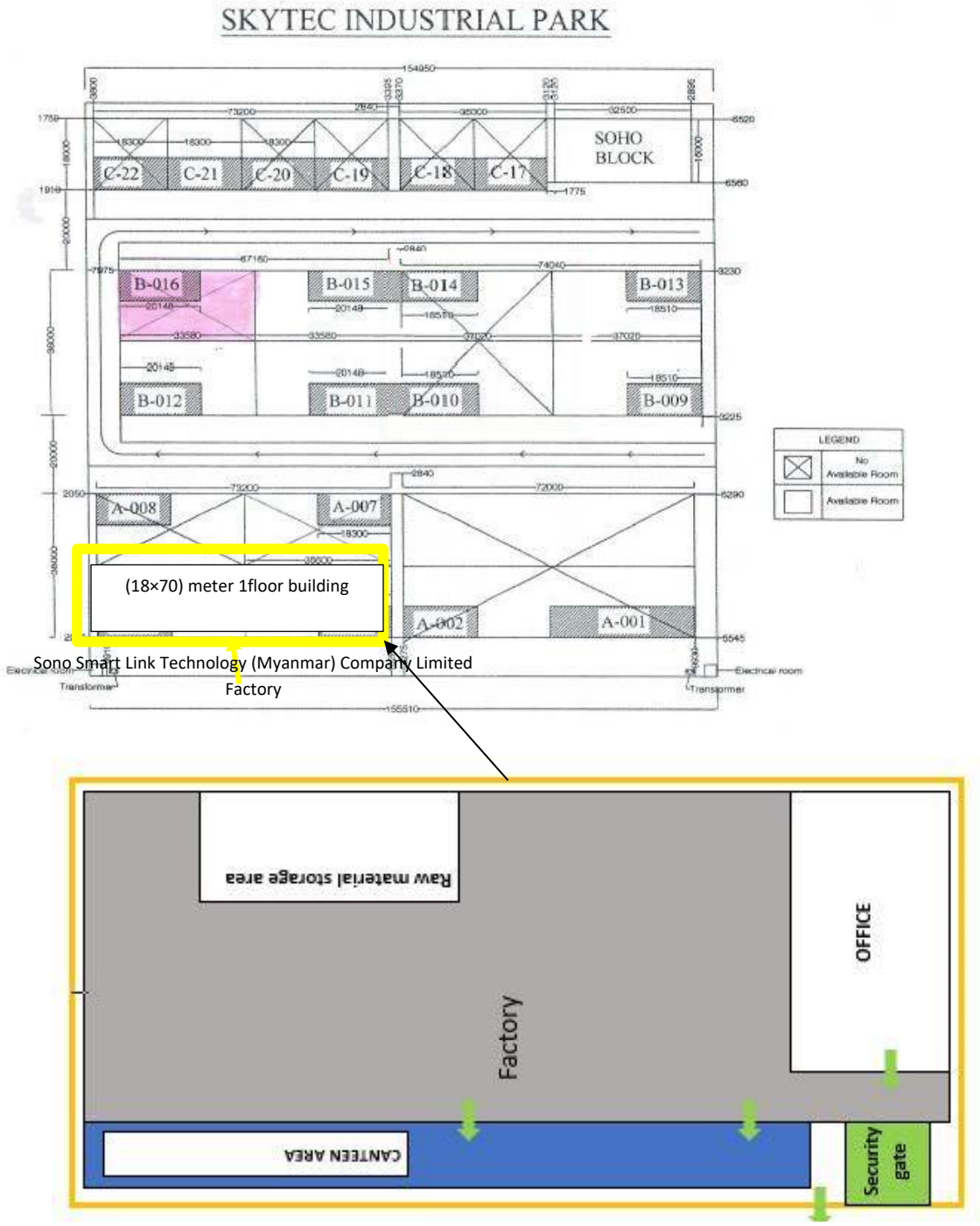


Figure 4. Layout Plan of Sono Smart Link Technology (Myanmar) Company Limited Factory

3.3 Project Operation

The factory produces electrical accessories with CMP production scheme. Majority of the products are distributed to local markets. There are about 1010 workers at the factory.

Routine production works can be seen in the following flow diagram. Primary production scheme is raw materials storing, cutting, making, quality and packing. The production process is labor intensive which is a trademark of industry. The production process produces no liquid effluent and slightly gaseous emission from boiler and generator. The process produce solid waste mainly consists of all process and these solid wastes are managed to collect by the government waste collector.

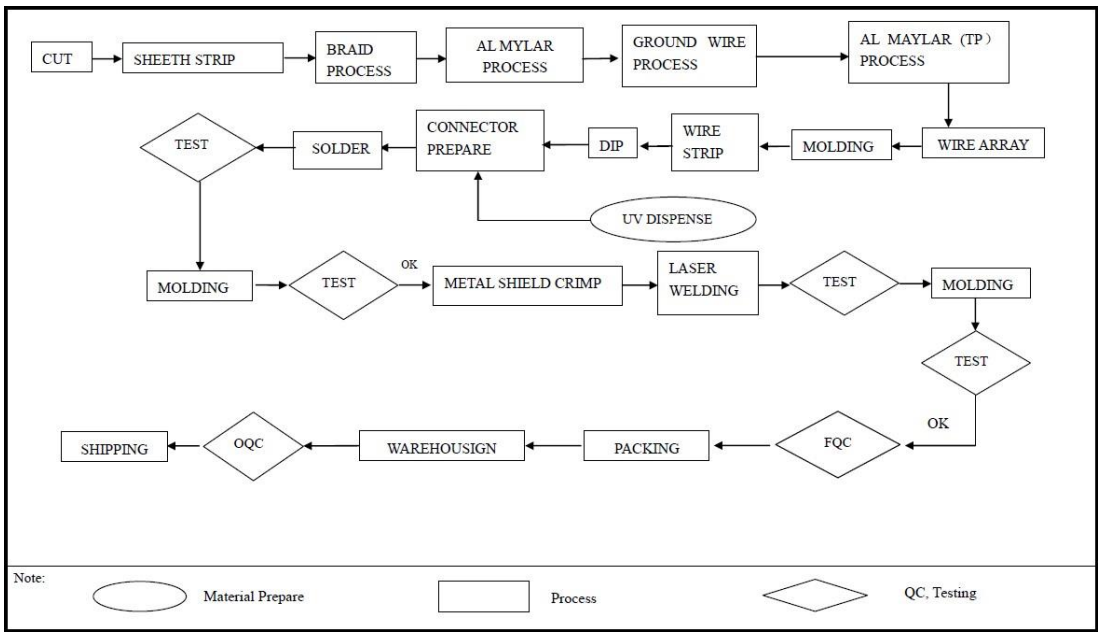


Figure 5. Process Flow Diagram for Sono Smart Link Technology (Myanmar) Company Limited

The USB cable has two main parts – the cable and the connector. However, it's not that simple to make one. The USB manufacturing process goes through various steps to ensure that the cables are of high-quality and are functioning well.

Step 1: Cutting the Cables

Raw cables are the unprocessed materials from which USB cables will be made. They are often long, so they need to be cut in appropriate lengths, such as 1m and 2m, to meet the requirements of customers. Therefore, the first step of manufacturing USB cables is cutting the cables into the requested length.

Step 2: Exposing the Inner Conductor

Cables are made up of various wires, and they are braided and foiled to avoid any electromagnetic interference. In this step, the inner conductor needs to be exposed so that they can be linked to the connector properly.

Stripping the outer jacket – This is done to remove the cover that protects the entire cable.

Braid and spiral arrangement – The braids are arranged by clearing them out, weaving, and folding them in the opposite direction.

Stripping the foil – This is done to uncover the core wire found inside.

Stripping the inner jacket – This process will finally reveal the conductors inside.

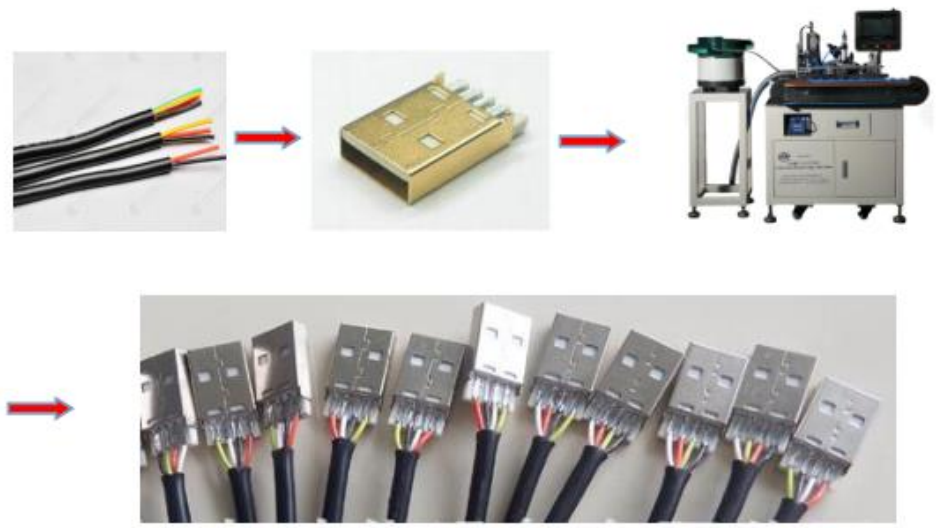
Step 3: Connecting the Wire and Terminal

Most of the time, tin is used to solder electronic materials as it has many features that include excellent affinity to copper or iron surface, excellent fluidity once melted and has a low melting point. All these characteristics make it the best option in the electronics industry.

Tin dipping – First, dip the conductor's endpoint in soldering flux, then dip it in the tin in fluid form.

Soldering – Solder the conductor and the connector's pinpoint basing on the wire's color, which is the indication of the wire's usage.

Soldering examination – This is done to make sure that the soldering point passes the requirements.



Step 4: Molding

This step will involve covering again the connection of the cable and connector through the injection molding machine.

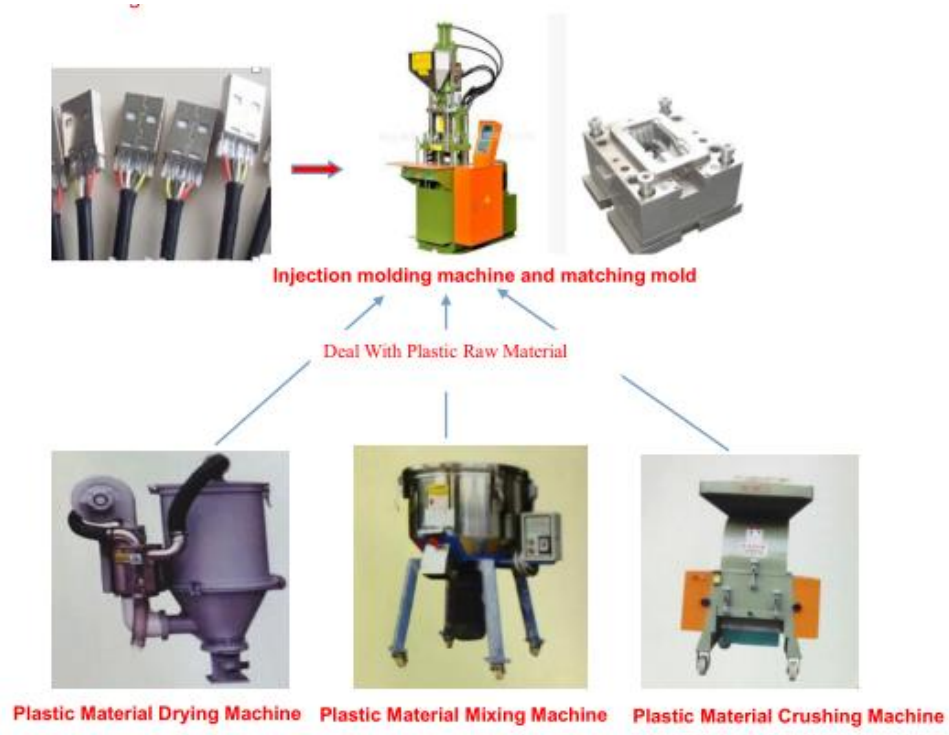
Internal injection molding – This means that the first layer of protection is being molded.

Iron shell installation – This is applicable to some products only where an iron shell is installed for further protection.

First electrical test – This is done through an electrical test device to check the electrical efficiency of semi-finished products.

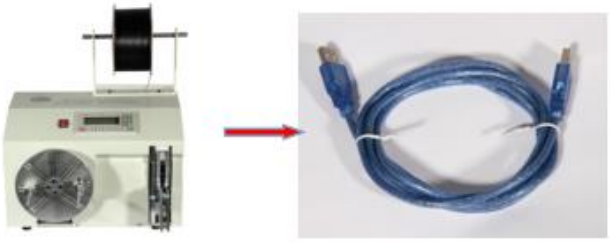
External injection molding – Once the semi-finished products pass the first electrical test, they will be brought to the molding machine to mold the final layer of protection, along with the tag and logo of the brand.

Second electrical test – Another electrical test is done to the finished products to ensure effective electrical performance.



Step 5: Final Checking and Packaging

The final step includes conducting a final electrical test to double-check its electrical performance and inspecting the cables' overall appearance and watching for any flaws that will compromise the quality of the products. Also, manufacturers need to make sure that all defective cables are cleared out. Finally, when everything looks great, the products are packed according to the clients' requirements.



3.4 Description of Raw Materials

The basic raw materials used nylon wire and various electrical cable. Chemicals are not used in the production of products. These raw materials are imported directly from China and Taiwan. Raw material lists and annually requirement is show in appendix 6. Raw materials were stored in individual storage area with systematically arrangement nylon wire and various electrical cable.

Figure 6. Raw Storage Area of Sono Smart Link Technology (Myanmar) Company Limited

3.5 Description of products

The main products of Sono Smart Link Technology (Myanmar) Company Limited are produced electrical accessories (Micro USB Cable Assembly, ABS Housing Plug, Metal Housing Plug, USB A to Type C Cable, USB A to Type C Cable, C TO Lightning Cable , USB Type C to HDMI, Multiple wires, USB Type C TO Lightning USB Type A to Type C cable, Cable Assembly, with car charger , Headset with Charger and Adapter) and Majority of the products are distributed to local markets. The production rate of Sono Smart Link

Technology (Myanmar) Company Limited is show in appendix 7. Raw material and production process has not contained chemical agent usage.

Figure 7. Sample Product (Micro USB Cable) of Sono Smart Link Technology (Myanmar) Company Limited

3.6 Equipment and Machinery

Equipment and Machinery lists used in Sono Smart Link Technology (Myanmar) Company Limited are described in appendix 5.

3.7 Energy Supply

Sono Smart Link Technology (Myanmar) Company Limited purchase electricity from government power source. The plant installed 1000 kVA transformers and when government power line is cut off, 450 KVA diesel generator is used for supply electricity. The electrical power consumption of the factory is (640,000) KWh/year. Disel fuel for diesel generator was bought from outside supplier. Therefore, the fuel storage room is absent. The amount of diesel fuel usage is 4500 gal per year. Fuel boilers are not use in current condition.

Figure 8. 1000 kVA transformers Installed

Figure 9. Noise Recovery 450 KVA diesel generator is installed

3.8 Equipment and Machinery List

Equipment and Machinery lists used in Sono Smart Link Technology (Myanmar) Company Limited are described in appendix.

3.9 Solid Waste Management Condition

Chemicals are not used in the production of products. Sono Smart Link Technology (Myanmar) Company Limited solid wastes mainly comprised of wire string cuts and plastic waste. These wastes are valuable for reuse in places such as cable plus molding. But the solid waste from Sono Smart Link Technology (Myanmar) Company Limited is discharged by calling solid waste collector such as YCDC. Following table depicts waste generation from the whole production process. The amount of solid waste is discharge (600) kg/day.

Table 9. Waste Generation from Manufacturing of Sono Smart Link Technology (Myanmar) Company Limited

Sr.	**Process**	**Waste**	**Waste discharge System**
1	Cable cutting	wire string cuts	Collecting and connecting with municipal specified area by YCDC truck
2	Cable plus installation	Plastic pieces	Reuse in cable molding
3	Packaging	Plastic, metal and paper box	Outside supplier
4	Dining hall	Food waste	Send to livestock
5	Toilet	sewage	discharge with municipal specified area by YCDC truck

The amount of Domestic solid waste generation from Sono Smart Link Technology (Myanmar) Company Limited is low. Systematic management of these solid wastes is of

importance as mismanagement of the waste will lead critical occupational hazard including fire hazard. Solid waste generation and management system of Sono Smart Link Technology (Myanmar) Company Limited can be seen in the following figure.

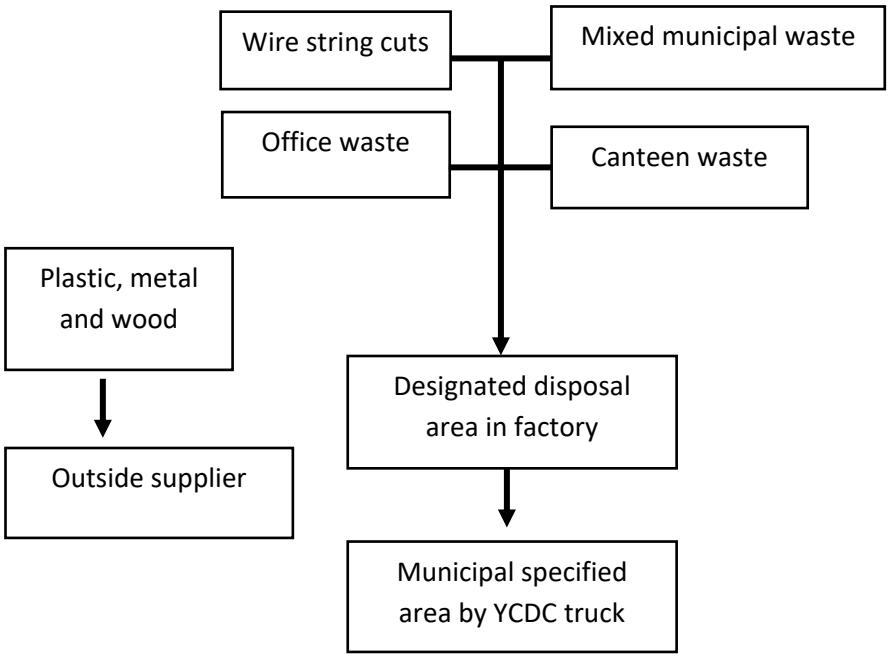


Figure 10. Waste Management System of Sono Smart Link Technology (Myanmar) Company Limited

Figure 11. Waste collecting area in factory compound

3.10 Operational Workforce

The work force during operation for the entire plant is 1000 members and foreigner labor is about (10) person. Total operational workforce is (1010) person. The working hours for the worker from the plant were (8) hrs from Monday to Friday and only Saturday for (4) hr. The employment list for the Sono Smart Link Technology (Myanmar) Company Limited is shown in appendix.

3.10.1 Institutional Arrangements

There are seven departments such as HR Departments, Accounting, QC, Maintenance, Ware house and Production Department which are leaded by managing director and head of departments. This factory has one shift and security is day and night shift. A managing director is responsible for nurturing the whole plant to be in smooth operation.

3.11 Current Conditions of the Factory

Sono Smart Link Technology (Myanmar) Company Limited is. Inspection Results of Current Conditions of the Factory is shown in table 4.

Table 10. Inspection Results of Current Conditions of the Factory

Sr.	Particular	Remark
1	Factory Entrance	

2	Drainage system	
3	providing drinking water for labor	
4	Toilets are provided	
5	Exhaust fans are installed and adequate for ventilation	

6	fire extinguishers are provided within the factory compound	
7	Fire hose cabinets and fire alarm is provided for emergency cases	
8	Emergency exit signs are descripted	
9	Assembly point for emergency case	

10	Green area preparation	
11	Frist aid box is provided	
12	Preparation Canteen for workers	
13	Noticed board is installed	

14	First aid box is provided	
15	Noise recovery generator	
16	1000 kVA Transformer is installed for electricity usage	

4 CURRENT OF ENVIRONMENTAL CONDITION AND SURROUNDING SOCIAL ENVIRONMENT CONDITION

4.1 Water Quality

Water supply for Sono Smart Link Technology (Myanmar) Company Limited is obtains mainly from the tube well. Water is extracted from one tube well hand washing, bathing, toilets and kitchen.

4.1.1 Tube Well Water

Water supply for Sono Smart Link Technology (Myanmar) Company Limited is obtains mainly from the tube well and storage with (40,000) gal water tank. Water is extracted from one tube well usage is hand washing, bathing, toilets and kitchen. Tube well water usage is 5000l/day.

Tube well water sample is collected and analyzed at ISO Tech laboratory. The water has no color and odor. The pH of the water is 8.6, which is over the limit of acceptable WHO drinking water value 6-9. Because the inner ground soil type is sandy clay and the ability has alkaline. The turbidity of the tube well water is 3 NTU. Iron (0.27 mg/l) is lower than the acceptable limit of 0.3 mg/l (WHO) drinking water guideline. Another parameter is shown in Table 10.

Table 11. Tube well Water Quality Analysis Results

Sr	Particular	Unit	Tube Well Water	WHO Drinking Water guideline value (Geneva-1993)
1	pH	S.U	8.6	6.5 – 8.5
2	Colour	TCU	Nil	15
3	Turbidity	NTU	3	5
4	TDS	mg/l	240	1000
5	TSS	mg/l	6	1000
6	Iron	mg/l	0.27	0.3
7	Phosphate	mg/l	Nill	500
8	Nitrate	mg/l	0.2	50
9	Copper	mg/l	Nil	200
10	Calcium	mg/l	40	-
11	Magnesium	mg/l	22	-

Figure 12. Water Collection from Tube Well

4.1.2 Waste Water Quality

Water is extracted from one tube well and this water is used for hand washing and toilets. In the factory, washing system isn't including in operation steps. Therefore, the discharged water amount from the factory is very little. Discharged waste water of Factory was disposed at settlement tank and to the outlet of YCDC drainage. Discharged waste water from Factory was collected from the factory outlet and analyzed at ISO Tech laboratory. The pH of the water is 8. The BOD and COD of wastewater are 48 mg/l and 96 mg/l. Therefore, the waste water results are the acceptable limit of NEQG Guideline.

Table 12. Wastewater Quality Analysis Result

Sr	Particular	Unit	NEQEG	Discharge Waste Water
1	pH	S.U	6-9	8
2	TSS	mg/l	50	68
3	TDS	mg/l	-	164
4	Nitrate	mg/l	-	2.4
5	BOD	mg/l	50	48
6	COD	mg/l	250	96
7	TS	mg/l	0.1	232

Figure 13. Waste Water Sampling from Outlet Drainage

Figure 14. Factory Drainage System

Figure 15. Sampling Point of Waste Water and Tube Well Water

4.2 AIR QUALITY

4.2.1 Air Monitoring and Environment

The main sources of air pollutant from the project area are the operation of the machine operation, diesel generator and vehicles moment and human activities.

4.2.2 Survey Methodology

Sampling and analysis of ambient air quality were conducted by referring to the recommendation of the United State Environmental Protection Agency (U.S. EPA). The Haz-Scanner Environmental Perimeter Air station (EPAS) was used to collect ambient air survey data. Sampling rate or air quality data were measured automatically every one minute and directly read and recorded onsite for measured parameter (NO_2, O_3, PM_{10}, PM2.5, SO_2, CO_2, CO, Relativity humidity, win speed, win direction and temperature), as shown in table.

Table 13.Air analysis info

Sample site	Sono Smart Link Technology (Myanmar) Company Limited	Sample I.D.	AS0921-02
Location (township)	Dagon Myo Thit (Southern)	Method	HAZ-SCANNER™ Model-EPAS

		Station height (elevation)	Ground
Location (Region / state)	Yangon	Latitude	16°52'47.81"N
		Longitude	96°14'37.50"E
		log on time (Date, Time)	1.9.2021(09:00 AM)
Air Monitoring Date	1.9.2021	log off time (Date, Time)	2.9.2021 (09:00 AM)
		Logging Duration (hours)	24 hours

Figure 16. Air Sampling Point

4.2.3 Identification of Air Pollutants and Its Impacts

The proposed Sono Smart Link Technology (Myanmar) Company Limited is operating the machines by the time monitoring the air quality. Therefore, the air station is set on to collect data of the current air quality impacted by operational works and moving vehicles for the transportation of loads. Therefore, the site has to measure the surrounding air quality to know whether SO_2, NO_2, CO_2, CO, $PM_{2.5}$ and PM_{10} are exceeding the limiting amount of National Environmental Quality Emission Guideline or not. The impacts of pollutants are defined below.

Carbon Monoxide (CO) is a toxic gas that cannot be seen or smelled. All people are at risk for CO poisoning. Unborn babies, infants, the elderly, and people with chronic heart disease,

anemia, or respiratory problems are generally more at risk than others. Breathing CO can cause headache, dizziness and vomiting nausea. If CO levels are high enough, unconscious or death may be become. Exposure to moderate and high levels of CO over long periods of time has also been linked with increased risk of heart disease.

Carbon Dioxide (CO_2) is the primary greenhouse gas pollutant, accounting for nearly three-quarters of global greenhouse gas emissions. Carbon pollution leads to long lasting changes in our climate, such as rising global temperatures, rising sea level, changes in weather and precipitation patterns and changes in ecosystems, habitats and species diversity. Children, older adults, people living in poverty may be at risk from the health impacts of climate change.

Nitrogen Dioxide (NO_2) is a nasty-smelling gas. The main effect of breathing in raised levels of nitrogen dioxide is the increased likelihood of respiratory problems. Nitrogen dioxide inflames the lining of the lungs, and it can reduce immunity to lung infections. This can cause problems such as wheezing, coughing, colds, flu and bronchitis. Increased levels of nitrogen dioxide can have significant impacts on people with asthma because it can cause more frequent and more intense attacks. Children with asthma and older people with heart disease are most at risk.

Sulfur Dioxide (SO_2) is an invisible gas and has a nasty, sharp smell. It reacts easily with other substances to form harmful compounds, such as sulfuric acid, sulfurous acid and sulfate particles. Sulfur dioxide affects human health when it is breathed in. It irritates the nose, throat and airways to cause coughing, wheezing, shortness of breath, or a tight feeling around the chest. The effects of sulfur dioxide are felt very quickly and most people would feel the worst symptoms in 10 or 15 minutes after breathing in. Those most at risk of developing problems if they are exposed to sulfur dioxide are people with asthma or similar conditions.

Ozone (O_3) has a strong odor. Breathing ozone can trigger a variety of health problems including chest pain, coughing, throat irritation, and congestion. It can worsen bronchitis, emphysema, and asthma. It can also reduce lung function and inflame the linings of the lungs. Repeated exposure may permanently scar lung tissue.

Particulate matter (PM) consists of microscopically small solid particles or liquid droplets suspended in the air. The smaller the particles, the deeper they can penetrate in to the respiratory system and the more hazardous they are to breathe. Long-term exposure to current ambient PM concentrations may lead to a marked reduction in life expectancy.

4.2.4 Result of Air Quality Measurement

CO, CO_2, NO_2, SO_2, O_3, PM_{10} and PM $_{2.5}$ are measured at the proposed project site. The site is in operation stage and the collected data shown below are due to the CMP activities. Air quality and noise result data report is described in appendix

Table 14.Result of Air Quality

No	Parameters	Results		Avg. Period	Guideline value (NEQG)	Averaging Period
		Observed value	Converted value			
1	Nitrogen dioxide NO_2	54 ppb	101.5(µg/m^3)	1-hour*	40 (µg/m^3) 200 (µg/m^3)	1-year 1-hour
2	Ozone (O_3)	32 ppb	62.7(µg/m^3)	8-hour	100 (µg/m^3)	8-hour daily maximum
3	Particulate matter PM_{10}	23 (µg/m^3)		24-hour	20 (µg/m^3) 50 (µg/m^3)	1-year 24-hour
4	Particulate matter $PM_{2.5}$	11 (µg/m^3)		24-hour	10 (µg/m^3) 25 (µg/m^3)	1-year 24-hour
5	Sulfur dioxide SO_2	2 ppb	5.24(µg/m^3)	24-hour	20 (µg/m^3) 500 (µg/m^3)	24-hour 10 minute
6	Carbon dioxide CO_2	240 ppm		24-hour	-	
7	Carbon monoxide CO	2 ppb		24-hour	-	

4.3 NOISE

4.3.1 Sources of the noise

Since the place for measuring noise levels is a factory which produces operation machine, the noises produced are governed by the sound of the machine operated and by the workers.

4.3.2 Noise Measurement Method and Result

Handheld quick assessment method is used for the sound level by measuring the sound pressure. A tripod is used for mounting the sound level meter (SLM) where the SLM is mounted and pointed towards the source of the noise. The noise level of the proposed factory was measured by using TES -52A Advanced Sound Level Meter.

Figure 17. Noise Level Meter for Measuring Noise Level

Table 15.Result of Noise

National Emission Quality Guideline (NEQG) for Noise level

Receptor	**One Hour LAeq (dBA)a**	
	Daytime **07:00-22:00** **(10:00-22:00 for Public holidays)**	**Night time** **22:00-07:00** **(22:00-10:00 for Public holidays)**
Residential, institutional, educational	55	45
Industrial, commercial	70	70

Table 16. The location of Noise sample point

No.	Sample Name	Sono Smart Link Technology (Myanmar) Company Limited		Location
		Latitude (N)	Longitude (E)	
1.	Noise Sample Point (NS)	16°52'47.81"N	96°14'37.50"E	In front of the factory building.

Table 17. Average Values of Noise Level (dB) at the sampling point

Noise Sample Point	**Date/Time (1-9-2021)**	**Observed Noise Level (MeanValue) (dBA)**
NS	9: 00 -9:59	60.8
	10: 00-10: 59	62.1
	11: 00-11: 59	60.7
	12: 00-12: 59	54.1
	13: 00-13: 59	57.7
	14: 00-14: 59	59.7
	15: 00-15: 59	60.2
	16: 00-16: 59	56.9

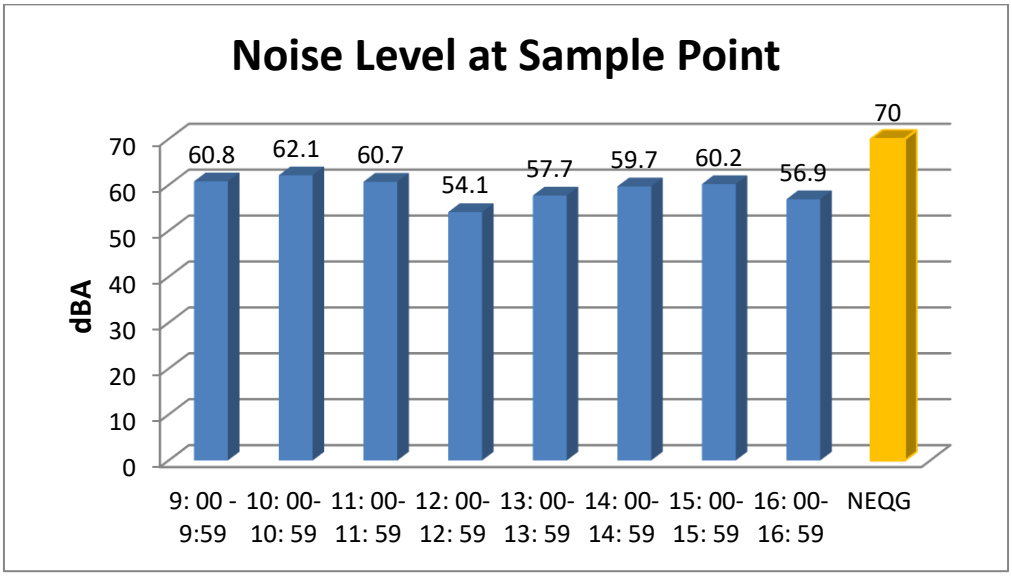


Figure 18. Air Quality Sampling

The results are compared to the standard table in the table 16, which shows that there is not over the guide line limit noise level due to the operation of the machines in the factory production operation period. Preventive and mitigation measures will be taken to ensure that the noise generated during operation does not exceed the maximum acceptable noise guidelines.

4.4 Soil Quality

One sample of soil was collected around the Sono Smart Link Technology (Myanmar) Company Limited to record the current condition of soil. The location of soil sampling point was Latitude 16°52'47.46"N and Longitude 96°14'37.59"E. The samples were analyzed for their physiochemical properties in Soil Laboratory, Land Use Department of Ministry of Agriculture and Irrigation. Sono Smart Link Technology (Myanmar) Company Limited factory operation do not include any operation activity that can affect soil quality of the surrounding environment. Therefore, the condition of the soil quality around the project compound is not dependent of the activity of the Sono Smart Link Technology (Myanmar) Company Limited factory.

Figure 19. Soil Sampling Point from Sono Smart Link Technology (Myanmar) Company Limited

Figure 20. Soil Sampling Photo

Table 18. Results of Soil Quality Analysis

Sample	**Moisture %**	**pH Soil: Water 1:2:5**	**Texture**				**Organic Carbon**	**Humus %**	**Total N**	**Exchangeable cations**			**Available Nutrients**	
			Sand %	Silt %	Clay %	Total %				Ca	Mg	K	P	K_2O
SS-1	1.98	7.30	48.20	20.0	31.80	100.0	1.00	1.72	0.13	27.18	5.43	0.60	16.33	28.16

Table 19. Interpretation of Soil Quality Results

Sample	**pH Soil: Water**	**Texture**	**Organic Carbon**	**Total N**	**Exchangeable cations**			**Available Nutrients**	
					Ca	Mg	K	P	K_2O
SS-1	Slightly alkaline	Sandy Clay loam	Very Low	Low	High	Medium	High	High	High

4.5 Socio-Economic Components

Socio-economic factors are lifestyle components and measurements of both financial viability and social standing. They directly influence social privilege and levels of financial independence. Factors such as health status, income, environment and education are studied by sociologists in terms of how they each affect human behaviors and circumstances. The fact data of Socio-Economic Components is reference from national census data (2015).

4.5.1 Living conditions

The project area is located in Myae Kwat No. (A 003,004), Myae Kwat No.(5), Myaetie Yatkwat No.(143/1), Dagon Myo Thit (Southern), Yangon Region, Myanmar. The total number of households in Dagon Myo Thit (Southern) is 76,984 only. The following table and figure show the household numbers in the study area. The average household size in the study area is shown in the following figure. All the villages have significantly higher rate of population per household compared to that of Dagon Myo Thit (Southern). The majority of the households in Dagon Myo Thit (Southern) are living in wooden houses (60.9%) followed by households in bamboo houses (15.3 %).

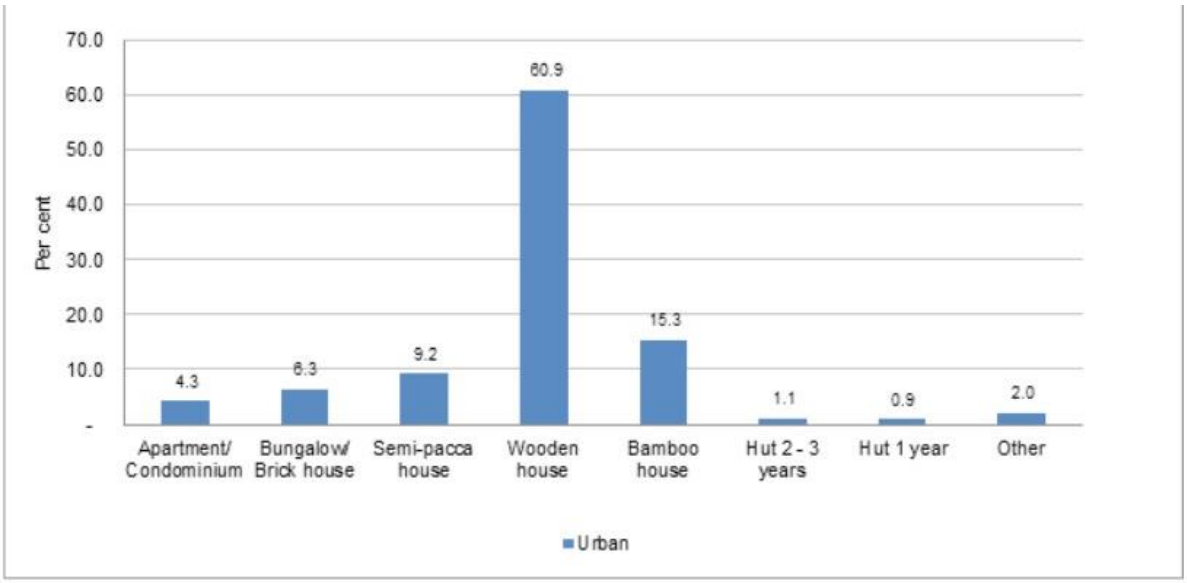


Figure 21. Types of housing unit in the Study Area

Table 20. Type of household in the Study Area

Residence	Total	Apartment/ Condominium	Bungalow/ Brick house	Semi-pacca house	Wooden house	Bamboo house	Hut 2 - 3 years	Hut 1 year	Other
Total	76,984	4.3	6.3	9.2	60.9	15.3	1.1	0.9	2.0
Urban	76,984	4.3	6.3	9.2	60.9	15.3	1.1	0.9	2.0
Rural	-	-	-	-	-	-	-	-	-

The majority of the households in Dagon Myothit (South) Township are living in wooden houses (60.9%) followed by households in bamboo houses (15.3%)

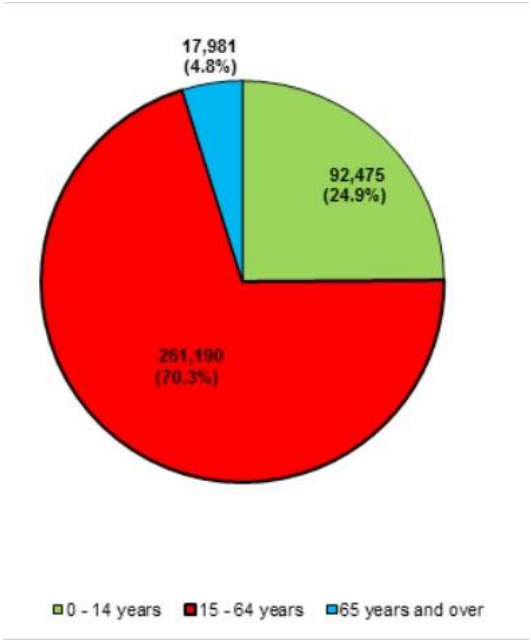


Figure 22. Population of the Study Area

The proportion of productive working population between 15 to 64 years of age in Dagon Myothit (South) Township is 70.3 per cent. • The proportion of children aged 14 and below together with the proportion of the elderly aged 65 and over are less than the proportion of the working age group population. Fewer proportions of children and elderly reduce the dependency of those age groups on the working age population.

4.5.2 Employment

In Dagon Myothit (South)Township, 33.4 per cent of the employed persons aged 15-64 are craft and related trades workers and is the highest proportion, followed by 27.1 per cent in services and sales workers. Analysis by sex shows that 35.3 per cent of males and 29.7 per cent of females arecraft and related trades workers. In Yangon Region, 22.9 per cent are craft and related trades workers and 23.7 per cent are in services and sales workers.

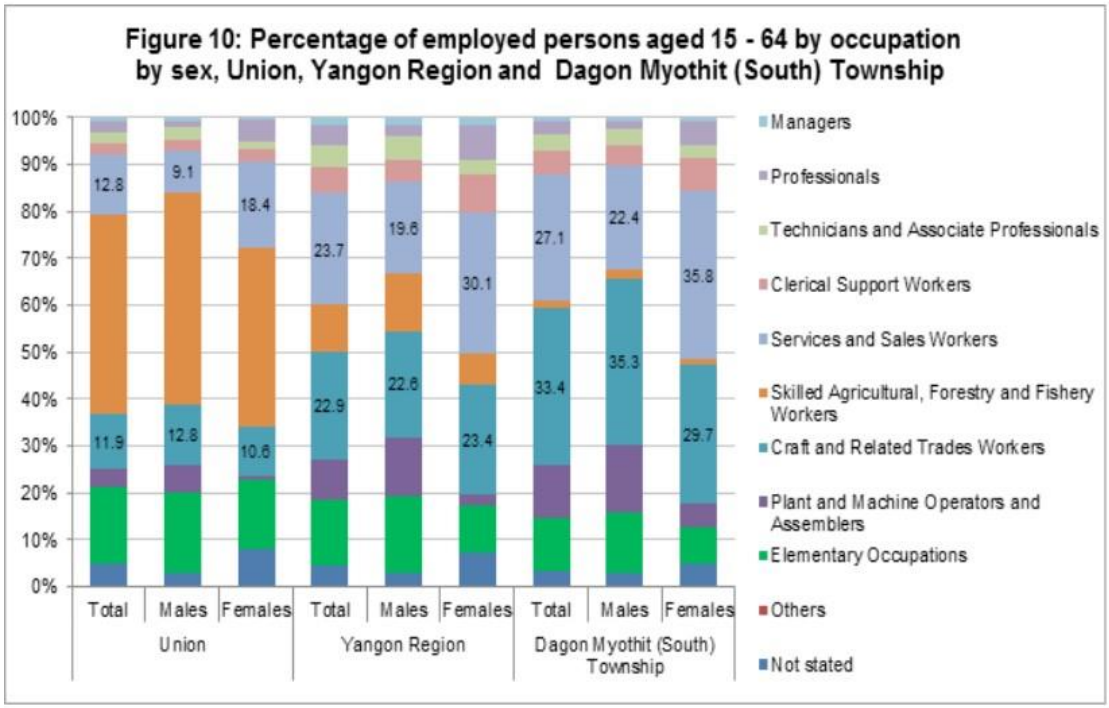


Figure 23. Employments in the Study Area

4.5.3 Religion Distribution

At the Union level, the composition of the population by religion is: 87.9% Buddhist, 6.2% Christian, 4.3% Islam, 0.5% Hindu, 0.8% Animist, and 0.2% other religion and 0.1% No religion. In Yangon Region, it is 91.0% Buddhist, 3.2% Christian, 4.7% Islam, 1.0% Hindu, 0.1% other religion, and less than 0.1% each for Animist and those with No religion respectively

4.5.4 Educational Attainment

The literacy rate of those aged 15 and over in Dagon Myothit (South) Township is 95.6 per cent. It is lower than the literacy rate of Yangon Region (96.6%) and higher than the

Union (89.5%). Female literacy rate is 93.9 per cent and for the males it is 97.5 per cent. • The literacy rate for youth aged 15-24 is 97.3 per cent with 97.1 per cent for females and 97.5 per cent for males. Some 6.6 per cent of the population aged 25 and over have never been to school. There are 4.2 per cent of males aged 25 and over who have never attended school as against 8.7 per cent for females. Among those aged 25 and over, 16.1 per cent has completed primary school (grade 5) and only 12.3per cent has completed university/college education.

	Total	None	% Never attended	Primary school		Middle school (grade 6 - 9)	High school (grade 10 - 11)	Diploma	University/ College	Post-graduate and above	Vocational training	Other
				(grade 1 - 4)	(grade 5)							
Total	202,930	13,302	6.6	27,419	32,684	59,761	42,352	584	24,955	919	524	430
Urban	202,930	13,302	6.6	27,419	32,684	59,761	42,352	584	24,955	919	524	430
Rural	-	-	-	-	-	-	-	-	-	-	-	-
Males	95,535	4,010	4.2	10,009	13,841	31,521	23,488	414	11,281	321	391	259
Females	107,395	9,292	8.7	17,410	18,843	28,240	18,864	170	13,674	598	133	171

Table 21. Population aged 25 and over by highest level of education completed, urban/rural and sex

4.6 Meteorology

4.6.1 Topography and Climate

The study area is located in Dagon Myo Thit (Southern) of Yangon Region. The proposed factory is currently occupied by near villages, cultivated land. Therefore, the topography is no major differences in altitude. The climate of factory area is located in tropical wet and dry climate. The fact data of Meteorology is reference from Measurement data of Meteorology and Hydrology (Myanmar) Department in 2020 period.

4.6.2 Temperature

Yangon has a tropical monsoon climate with very wet summers due to the southwest monsoon which starts from mid-May and lasts until mid-October. The warmest month with the highest average high temperature is April (37˚C) and the month with the lowest average high temperature is August (29.6˚C). The month with the highest average low temperature is May (25˚C) and the coldest month with the lowest average low temperature is January (17.9˚C).

Table 22. Average Temperature of Yangon

Sr	Month	Average High Temperature	Average Low Temperature
1	January	32.2˚C	17.9˚C
2	February	34.5˚C	19.3˚C
3	March	36˚C	21.6˚C
4	April	37˚C	24.3˚C
5	May	33.4˚C	25˚C
6	June	30.2˚C	24.5˚C
7	July	29.7˚C	24.1˚C
8	August	29.6˚C	24.1˚C
9	September	30.4˚C	24.2˚C
10	October	31.5˚C	24.2˚C
11	November	32˚C	22.4˚C
12	December	31.5˚C	19˚C

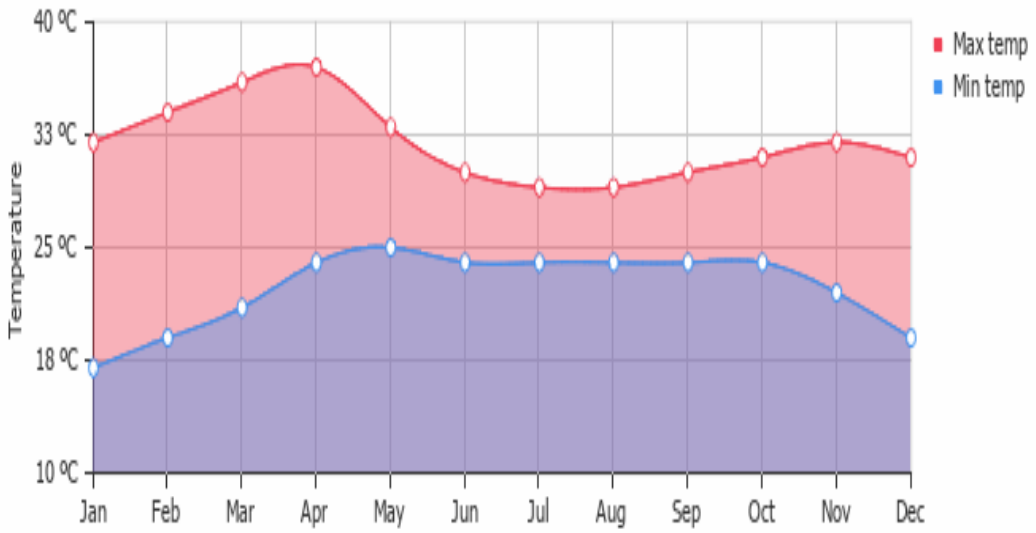


Figure 24. Temperature Graph of Yangon

4.6.3 Rainfall

A lot of rain falls in the months of May, June, July, August, September and October. Yangon has dry periods in December January, February, March and April. The wettest month with the highest rainfall is August (602 mm) and the driest month with the lowest rainfall is

February (2 mm). The month with the highest number of rainy days is July (26.2 days) and the months with the lowest number of rainy days are January, February and December (0.2 days).

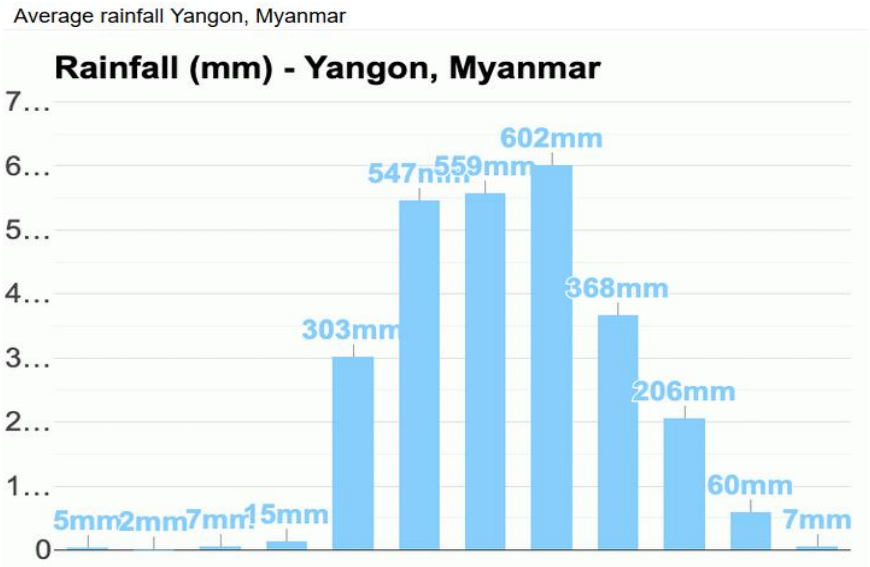


Figure 25. Rainfall Graph of Yangon

Table 23. Average Rainfall and Rainfall Days of Yangon

Sr	Month	Average Rainfall	Average Rainfall Days
1	January	5 mm	0.2 days
2	February	2 mm	0.2 days
3	March	7 mm	0.4 days
4	April	15 mm	1.6 days
5	May	303 mm	12.6 days
6	June	547 mm	25.3 days
7	July	559 mm	26.2 days
8	August	602 mm	26.1 days
9	September	368 mm	19.5 days
10	October	206 mm	12.2 days
11	November	60 mm	4.8 days
12	December	7 mm	0.2 days

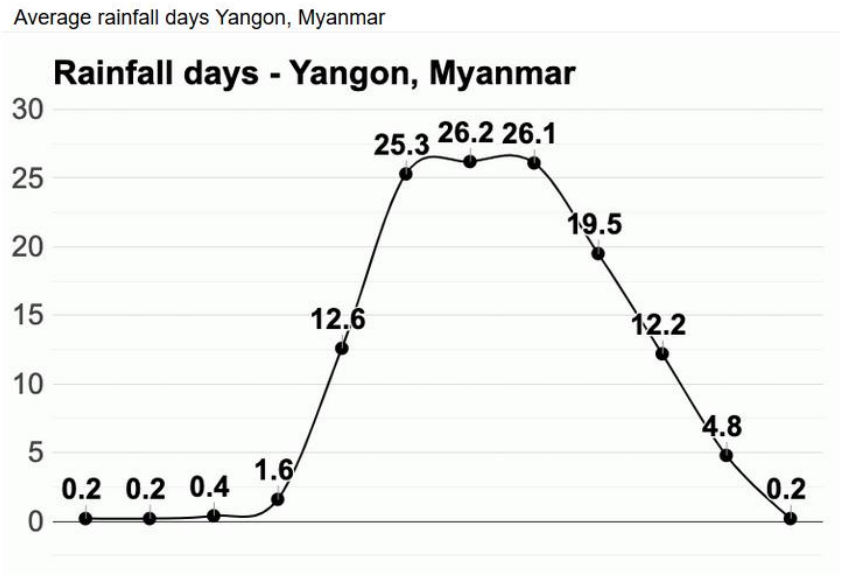


Figure 26. Rainfall Days Graph of Yangon

4.6.4 Humidity

In 2019, August is the most humid and January is the least humid month in Yangon. The month with the highest relative humidity is August (87%) and the lowest relative humidity is January (62%).

Table 24. Average Humidity of Yangon

Sr	Month	Average Relative Humidity
1	January	62%
2	February	66%
3	March	69%
4	April	66%
5	May	73%
6	June	85%
7	July	86%
8	August	87%
9	September	85%
10	October	78%
11	November	71%
12	December	65%

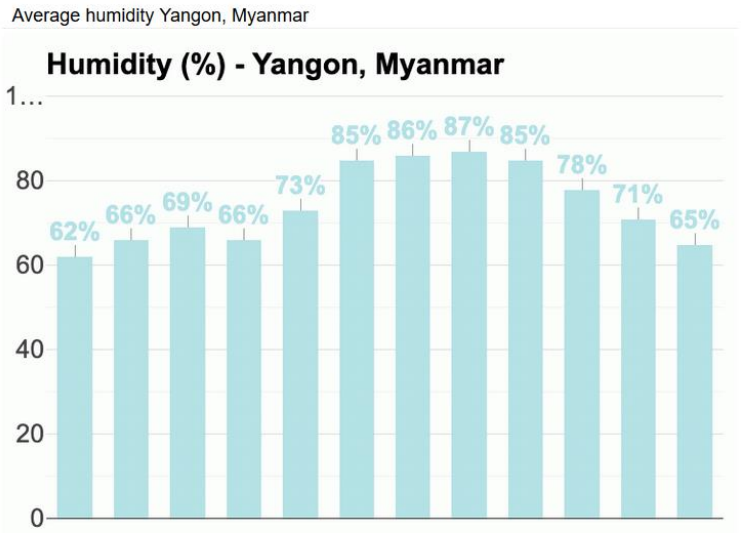


Figure 27. Humidity Graph of Yangon

4.6.5 Daylight/ Sunshine

Sunshine hours of Yangon are range from 2:29 daily in July to 9:44 to each day in January. The longest day of the year is 13:10 hr and the shortest day is 11:1 hr long. The longest day is 2:00 longer than the shortest day. The month with the longest day in June (average daylight: 13.1 h) and the month with the shortest day in December (average daylight: 11.1 h). Months with the most sunshine are January, February and April (average sunshine: 9.7 h) and the month with the least sunshine is July (average sunshine: 2.5 h).

Table 25. Average Daylight and Sunshine Hours of Yangon

Sr	Month	Average Daylight	Average Sunshine
1	January	11.3 hr	9.7 hr
2	February	11.6 hr	9.7 hr
3	March	12.1 hr	9.4 hr
4	April	12.5 hr	9.7 hr
5	May	12.9 hr	5.8 hr
6	June	13.1 hr	2.7 hr
7	July	13 hr	2.5 hr
8	August	12.7 hr	3 hr

9	September	12.2 hr	3.2 hr
10	October	11.8 hr	6.5 hr
11	November	11.3 hr	9.3 hr
12	December	11.1 hr	9.3 hr

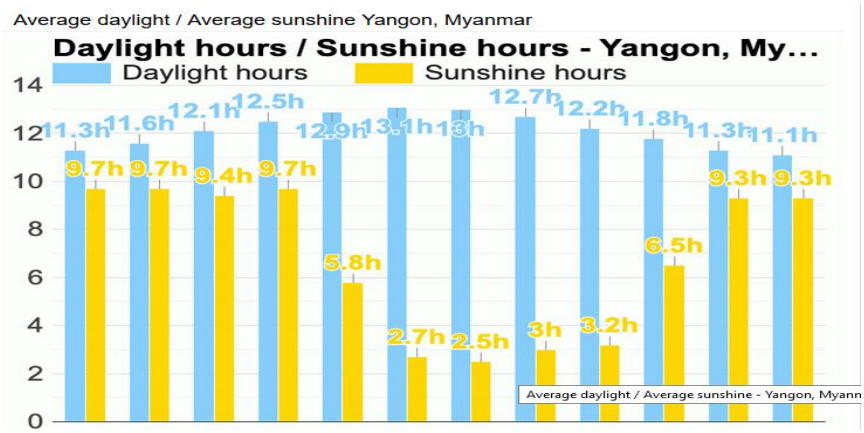


Figure 28. Day Light and Sunshine Hours graph of Yangon

4.6.6 UV Index

Months with the highest UV index of Yangon are March, April, May, June, July, August and September (UV index 12) and the month with the lowest UV index is December (UV index 8).

Table 26. Average UV Index of Yangon

Sr	**Month**	**Average UV Index**
1	January	9
2	February	11
3	March	12
4	April	12
5	May	12
6	June	12
7	July	12
8	August	12
9	September	12

10	October	11
11	November	9
12	December	8

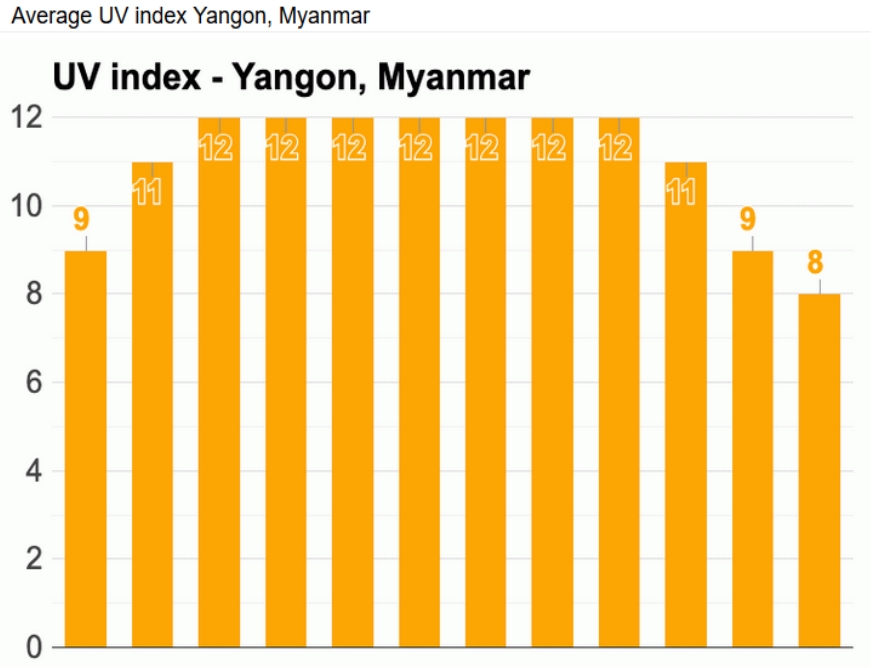


Figure 29. UV Index Graph of Yangon

4.7 Biodiversity

Biodiversity includes two portions, which are the study of vegetation (flora) and the study of living animals (fauna). There is no natural vegetation, wildlife and deforestation in Dagon Myo Thit (Southern).

5 IMPACT ASSESSMENT AND MITIGATION

Rating matrix method is used to assess the significance level of the identified environmental impacts of the Sono Smart Link Technology (Myanmar) Company Limited on its environment. There are five parameters considered for the activities of the projects and the consequences resulted from the said activities. System of rating is described in detailed as follows.

Table 27. Impact Rating Table

Severity	**Value**	**Duration**	**Value**	**Spatial Scope**	**Value**	**Frequency**	**Value**	**Probability**	**Value**
Insignificant/non-harmful	1	One day to one month	1	Activity specific	1	Annual or less	1	Almost impossible	1
Small/potentially harmful	2	One month to one year	2	Within right of way/project compound	2	Bi-annual	2	Highly unlikely	2
Significant/slightly harmful	3	One year to ten years	3	Local area	3	Monthly	3	Unlikely	3
Great/ harmful	4	Life of operation	4	National	4	Daily Intermittence	4	Possible	4
Disastrous/ deadly harmful	5	Permanent	5	Global	5	Daily Continuous	5	Definitely	5

Table 28. Rating Matrix

	Consequence (Severity + Spatial Scope + Duration)														
Activity (Frequency + Probability)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30
	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45
	4	8	12	16	20	24	28	32	36	40	44	48	52	56	60
	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75
	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90
	7	14	21	28	35	42	49	56	63	70	77	84	91	98	105
	8	16	24	32	40	48	56	64	72	80	88	96	104	112	120
	9	18	27	36	45	54	63	72	81	90	99	108	117	126	135
	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150

Table 29. Significance Levels

Sr.	Color Code	Value	Rating
1		1-25	Very Low
2		26-50	Low
3		51-75	Low-Medium
4		76-100	Medium-High
5		101-125	High
6		126-150	Very High

Table 30. Environmental Aspect and Impact

Sr.	Activity List	Aspect	Impact
1	Raw materials Storage	Overweight lifting	Injury from overweight lifting
		Packing waste	Solid waste generation
2	Wire Cutting	Operation of wire cutting	Injury from cutting machine,

		machine	Solid waste generation
3	Lead welding	Operation of automatic welding machine	Injury from molding machine, Solid waste generation
4	Adhesion	Contact with UV glue	Chemical hazard
5	Metal cover installation and Testing	Operation of automatic machine	Injury from machine, Solid waste generation
6	Coat molding	Operation of automatic molding machine	Injury from machine, Solid waste generation
7	Packing and Storage	Packing waste	Solid waste generation
		Pieces of plastic/ paper box	Solid waste generation
		Overweight lifting	Injury from overweight lifting

Characteristics of the impacts are evaluated based on eight particular basis, four of which are used in the assessment of the significance level of the impacts.

Table 31. Characteristics of the Impacts

IMPACTS	**CHARACTERISTICS**							
	Nature	**Impact Source**	**Impact Receptor**	**Severity**	**Duration**	**Spatial Scope**	**Frequency**	**Probability**
Physical hazard	Negative	-Injury from overweight lifting - Contact with cutting machine, molding machine and auto welding machine - Ergonomics	Workers	Impact severity is significant for operation workers	Physical hazard will occur in project life	Physical hazard will occur at the project area of activity	Activity that cause the impact occurs daily intermittently	Physical hazards are possible
Fire hazard	Negative	-Smoking in prohibited area - Wire shock by continuous electricity usage - Disel usage for generator	Workers and the whole plant	Impact severity is harmful	Fire hazard will occur the whole project life	If a fire broke out, the whole project is likely to be affected	Fire hazard can occur daily intermittently	A fire hazard is possible

Solid Waste	Negative	- Pieces of wire cutting - Pieces of molding waste - Packing waste Plastic waste - General waste	Workers and local environment	Impact severity is potentially harmful if solid wastes are discharged systematically	Impact from solid waste will occur in project life	Local area could be affected by solid waste mismanagement	Solid waste impact occurs daily intermittently	Impact from solid wastes are possible
Noise	Negative	- Operation of cutting machine - Operation of generator	Workers	Impact severity is significant occurs almost continuously and most of the workers are subjected to exposure	Noise hazard will occur in project life	Noise hazard will occur within the whole project compound	Activity that cause the impact occurs daily continuously	Noise hazard are possible
Machinery hazard	Negative	Operation of cutting machine - Operation of molding machine	Workers and the whole plant	Impact severity is slightly harmful for operation workers	Machinery hazard will occur in project life	Machinery hazard will occur at the project area of activity	Activity that cause the impact occurs daily intermittently	Machinery hazard are possible

Chemical hazard	Negative	- Contact with adhesive (UV glue)	Workers	Impact severity is significant for operation workers	Chemical hazard will occur in project life	Chemical hazard will occur at the project area of activity	Activity that cause the impact occurs daily intermittently	Chemical hazards are possible

Table 32. Assessment of the Significance of the Impacts without MEMs

Sr	**Impact**	**Severity**	**Duration**	**Spatial Scope**	**Frequency**	**Probability**	**Total Rating**	**Significance Level**
1	Fire hazard	4	4	2	4	4	80	Medium-High
2	Solid waste	2	4	3	4	4	72	Low-Medium
3	Physical hazard	3	4	1	4	4	64	Low-Medium
4	Noise	3	5	3	5	4	99	Medium-High
5	Machinery hazard	3	5	3	4	4	88	Medium-High
6	Chemical hazard	3	4	1	4	4	64	Low-Medium

6 SUMMARY OF IMPACTS AND MITIGATION MEASURES

Table 33. Mitigation Measures for Anticipated Impacts

IMPACTS	Impact Source	Mitigation
Fire hazard	-Smoking in prohibited area - Wire shock by continuous electricity usage - Disel usage for generator	1. Strictly prohibit smoking within factory compound 2. Clearly define and notify emergency exits 3. Passage ways must always be kept clean and clear 4. Regularly check and refill fire extinguishers 5. Exercise fire drill regularly 6. Storage with secondary container for diesel container
Solid Waste	Pieces of wire cutting - Pieces of molding waste - Packing waste Plastic waste - General waste	1. Cleaning continuous and regularly 2. Packing wire cutting waste in bags 3. Stacking waste bags systematically 4. Calling waste collector regularly 5. Providing adequate dust bins
Physical hazard	-Injury from overweight lifting - Contact with cutting machine, molding machine and auto welding machine - Ergonomics	1. Using necessary lifting and carrying aid apparatus and machinery 2. Using metal hand gloves for cutting machine operators 3. Installing machine guards
Noise	- Operation of cutting machine - Operation of generator	1. Carrying out regular maintenance works for all the equipment 2. Providing adequate ear muffs for workers 3. Regular inspection and supervision of the usage of ear muffs for the workers working at

		high noise areas
Machinery hazard	Operation of cutting machine - Operation of molding machine and welding machine	1.Wearing necessary PPE (goggle, hand gloves, ear muffs) 2.Regular inspection and cleaning of debris, dusts and oils on machine components 3. Regular inspection of lubricant leakage and refilling as necessary 4. Clearing work place of flammable materials before using machine 5. Installation safety guard on machine 6. Regular inspection of belt, gears, sprockets, chains, and other moving parts. 7. Systematically installing machine parts 8. Regular inspection of power cable 9. Preparing checklist, warning signs or lights of inspection for using machine and displaying at visible location near machine 10. Allow only qualified workers to operate or maintain machine. 11. Install emergency stop devices on machine to enable workers to shut off the equipment within easy reach of workers.in an emergency.
Chemical hazard	- Contact with adhesive	1. Taking temporary break upon the sign of nausea 2.Educating workers about emergency response plan for chemical hazard 3. Regular inspection and supervision for preventing chemicals from flowing into drainage 4. Providing washing places in the vicinity of workplace 5.Regular inspection and supervision for prohibiting

		eating, drinking and smoking at workplace 4. 6. Educating workers with the information on MSDS Providing hand gloves, mask and goggle for workers working in fabric adhesion process 5. Educating fabric adhesion workers about hazard of the process and usage of PPE 6. Supervising and regular inspection of the use of PPE

Table 34. Assessment of the Significance of the Impacts with MEMs

Sr.	Impact	Severity	Duration	Spatial Scope	Frequency	Probability	Total Rating	Significance Level
1	Fire hazard	3	4	2	3	2	45	Low
2	Solid waste	2	4	1	4	2	49	Low
3	Physical hazard	2	4	1	4	2	42	Low
4	Noise	1	4	2	5	2	49	Low
5	Machinery hazard	2	4	2	4	4	64	Low-Medium
6	Chemical hazard	2	4	1	4	2	42	Low

7 MANAGEMENT PLAN

Management and Monitoring Plans are to address and satisfy directly for all applicable environmental management and monitoring issues which are

1. Fire hazard
2. Solid waste
3. Physical hazard
4. Noise
5. Machinery hazard
6. Chemical hazard

7.1 FIRE HAZARD

Fire is the greatest threat for factories around the world. Raw material used nylon wire and copper wire. Fire can easily break out with any sparking source. Moreover, fire hazard is greater if emergency exit is poorly provided. Blockages in passage ways by stacks of raw materials and products will add a greater fire hazard. Common ignition sources include improper or poorly maintained electrical equipment and malfunction of grain-moving machinery. This factory installed fire alarm, fire hydrate and fire extinguishers to prevent fire hazard. Diesel for machines and electrical equipment are also associated with fire hazard.

Table 35. Objective and Legal Requirements for Fire Hazard

1	Objectives	To prevent and reduce fire hazard by the implementation of a systematic management and monitoring plan
2	Legal Requirements	1. Myanmar Fire Brigade Law Paragraph (14 C, 25)
3	Mitigation Measure	1. Strictly prohibit smoking within factory compound
		2. Clearly define and notify emergency exits
		3. Passage ways must always be kept clean and clear
		4. Regularly check and refill fire extinguishers
		5. Exercise fire drill regularly 6. Storage with secondary container for diesel container

Table 36. Management Actions for Fire Hazard

Sr.	Mitigation Measures	Management Actions
1	Strictly prohibit smoking within factory compound	Regular inspection and supervision
2	Clearly define and notify emergency exits	Regular inspection and supervision
3	Passage ways must always be kept clean and clear	Regular inspection and supervision
4	Regularly check and refill fire extinguishers	Regular inspection
5	Exercise fire drill regularly	Regular inspection and supervision
6	Storage with secondary container for diesel container	Regular inspection and supervision

Table 37. Implementation Plan for Fire Hazard

Sr.	Management Action	Frequency	Duration	Responsibility
1	Strictly prohibit smoking within factory compound	Daily	Project life	HR Dept
2	Clearly define and notify emergency exits	Daily	Project life	HR Dept
3	Passage ways must always be kept clean and clear	Daily	Project life	HR Dept
4	Regularly check and refill fire extinguishers	Daily	Project life	HR Dept
5	Exercise fire drill regularly	3 times/yr	Project life	HR Dept
6	Storage with secondary container for diesel container	Daily	Project life	Machine operator

Table 38. Projected Budget for OSH

Sr.	Management Actions	Budget
4	Regularly check and refill fire extinguishers	2,100,000/3 yrs

7.2 PHYSICAL HAZARD

Primary physical hazard issues related to this factory is: overweight lifting at receiving raw materials and transporting products; hazard for injury from cutting machines; Ergonomic injury from prolong standing or sitting.

Table 39. Objective and Legal Requirements for Physical Hazard

1	Objectives	To prevent and reduce occupational hazard by the implementation of a systematic OSH management and monitoring plan
2	Legal Requirements	1. Myanmar Fire Brigade Law Paragraph (14 C, 25) 2. 1951 Factory Act (Chapter 3, Chapter 4) 3. OSH Law (Chapter 8, Paragraph 34 and 49)
3	Mitigation Measure	1. Using necessary lifting and carrying aid apparatus and machinery
		2. Using metal hand gloves for cutting machine operators
		3. Installing machine guards
		4. Regular maintenance of exhaust and ceiling fan

Table 40. Management Actions for Physical Hazard

Sr.	Mitigation Measures	Management Actions
1	Using necessary lifting and carrying aid apparatus and machinery	Regular inspection and supervision
2	Using metal hand gloves for cutting machine operators	Regular inspection and supervision
3	Installing and regular maintenance of machine guards	Regular inspection and replacement

4	Regular maintenance of exhaust and ceiling fan	Annually inspection and maintenance of exhaust and ceiling fan

Table 41. Implementation Plan for Physical Hazard

Sr.	Management Action	Frequency	Duration	Responsibility
1	Using necessary lifting and carrying aid apparatus and machinery	Once	Project Life	HR Dept
2	Using metal hand gloves for cutting machine operators	Monthly	Project life	Maintenance
3	Installing machine guards	Once	Project Life	HR Dept
4	Regular maintenance of exhaust and ceiling fan	Annually	Project life	Maintenance

Table 42. Monitoring Plan for Physical Hazard

Sr.	Parameter	Location	Frequency	Method	Responsibility
1	Using necessary lifting and carrying aid apparatus and machinery	Loading/ Unloading area	Daily	Inspection	HR Dept
2	Using metal hand gloves for cutting machine operators	Production lines	Daily	Inspection	HR Dept
3	Installing machine guards	Production lines	Monthly	Inspection	Maintenance
4	Regular maintenance of exhaust and ceiling fan	Exhaust fans	Monthly	Inspection	Maintenance

Table 43. Projected Budget for Physical Hazard

Sr.	Management Actions	Budget
1	Using necessary lifting and carrying aid apparatus and machinery (hand hydraulic trolley)	30,000
2	Using metal hand gloves for cutting machine operators	300,000/yr
3	Installing machine guards	300,000
4	Regular maintenance of exhaust and ceiling fan	300,000/yr

7.3 SOLID WASTE

Solid wastes of Sono Smart Link Technology (Myanmar) Company Limited is mainly comprised of wire string cuts and plastic waste. These wastes are valuable for reuse in places such as cable plus molding. The general waste from Sono Smart Link Technology (Myanmar) Company Limited is discharged by calling solid waste collector such as Dagon Myo Thit (East) Township City Development Committee. The amount of domestic solid waste generation from Sono Smart Link Technology (Myanmar) Company Limited is (200kg/day). Systematic management of these solid wastes is of importance as mismanagement of the waste will lead critical occupational hazard including fire hazard.

Table 44. Objective and Legal Requirements for Solid Waste

1	Objectives	To prevent and reduce environmental impacts from solid waste by providing a systematic management plan
2	Legal Requirements	1. Environmental Conservation Law Paragraph (14, 15) 2. 1951 Factory Act Paragraph (14A)
3	Mitigation Measure	1. Cleaning continuous and regularly
		2. Packing wire cutting waste in bags
		3. Stacking waste bags systematically
		4. Calling waste collector regularly
		5. Providing adequate dust bins

Table 45. Management Actions for Solid Waste

Sr.	Mitigation Measures	Management Actions
1	Cleaning continuous and regularly	Regular inspection and supervision

2	Packing wire cutting waste in bags	Regular inspection and supervision
3	Stacking waste bags systematically	Regular inspection and supervision
4	Calling waste collector regularly	Regular inspection and supervision
5	Providing adequate dust bins	Providing 20 dust bins

Table 46. Implementation Plan for Solid Wastes

Sr.	Management Action	Frequency	Duration	Responsibility
1	Cleaning continuously and regularly	Daily	Project life	Production Dept
2	Packing wire cutting waste in bags	Daily	Project life	Production Dept
3	Stacking waste bags systematically	Daily	Project life	Production Dept
4	Calling waste collector regularly	Weekly	Project life	Production Dept
5	Providing 20 dust bins	Once	Project life	Plant Manager

Table 47. Monitoring Plan for Solid Wastes

Sr.	Parameter	Location	Frequency	Method	Responsibility
1	Cleaning continuously and regularly	The whole plant	Daily	Inspection	Production Dept
2	Packing wire cutting waste in bags	Inspection	Daily	Inspection	Production Dept
3	Stacking waste bags systematically	Inspection	Daily	Inspection	Production Dept
4	Calling waste collector regularly	Inspection	Weekly	Inspection	Production Dept
5	Providing minimum 20 dust bins	Inspection	Once	Record	Plant Manager

Table 48. Projected Budget for Solid Wastes

Sr.	Management Actions	Budget
5	Providing 20 dust bins	100,000

7.4 NOISE

Most parts of the factory are subjected to noise. High noise areas are can line, motor and air compressor. Workers working in these areas are needed to provide with necessary PPE such as ear muffs.

Table 49. Objective and Legal Requirements for Noise and Vibrations

1	Objectives	To prevent and reduce occupational hazard from noise by implementing a systematic management plan
2	Legal Requirements	1. NEQG paragraph (1.3)
3	Mitigation Measure	1. Carrying out regular maintenance works so that unnecessary mechanical noise could be prevented 2. Providing ear muffs for workers at high noise area 3. Regular inspection and supervision of the usage of ear muffs for the workers working at high noise areas

Table 50. Management Actions for Noise and Vibrations

Sr.	Mitigation Measures	Management Actions
1	Carrying out regular maintenance works so that unnecessary mechanical noise could be prevented	1. Installing a noise level meter 2.Carrying out regular noise level measurement 3. Carrying out annual overall maintenance work
2	Providing ear muffs for workers at high noise area	1. Providing ear muffs for workers at high noise areas
3	Regular inspection and supervision of the usage of ear muffs for the workers working at high noise areas	1. Regular inspection and supervision of the usage of ear muffs for the workers working at high noise areas

Table 51. Implementation Plan for Noise

Sr.	Management Action	Frequency	Duration	Responsibility
1	Installing a noise level meter	Once	Project life	Engineering Dept
2	Carrying out noise level measurement regularly	Weekly	Project life	Engineering Dept
3	Carrying out annual overall maintenance work	Annually	Project life	Engineering Dept
4	Providing ear muffs for workers	As required	Project life	Plant Manager
5	Regular inspection and supervision of the usage of ear muffs for the workers working at high noise areas	Daily	Project life	Plant Manager

Table 52. Monitoring Plan for Noise and Vibrations

Sr.	Parameter	Location	Frequency	Method	Responsibility
1	Carrying out noise level measurement regularly	locations within plant compounds	Quarterly	Handheld noise level meter	Engineering Dept
2	Carrying out annual overall maintenance work	The whole plant	4 times per year	Inspection	Engineering Dept
3	Checking workplace daily	The whole plant	Daily	Visual Inspection	Engineering Dept
4	Providing earmuffs	Workers at high noise area	Whenever required	Inspection	Plant Manager
5	Regular inspection the usage of ear muffs	Workers at high noise area	Daily	Visual Inspection	Plant Manager

Table 53. Projected Budget for Noise and Vibrations

Sr.	Management Actions	Budget
1	Installing a noise level meter	60,000
2	Carrying out annual overall maintenance work	5,000,000/yr
3	Checking workplace daily	-
4	Providing earmuffs	100,000/yr
5	Regular inspection and supervision for wearing ear muffs at high noise areas	-

7.5 MACHINERY HAZARD

Many types of machinery such as cutting machine in this factory. Any machine part which can cause injury must be guarded. Machine guards help to eliminate personnel hazards created by points of operation, ingoing nip points, rotating parts and flying chips. All machinery equipment should be maintained in a safe operational condition and be regularly inspected.

Table 54. Objective and Legal Requirements for Machinery Hazard

1	Objectives	To prevent and reduce occupational hazard by the implementation of a systematic OSH management and monitoring plan
2	Legal Requirements	1. Myanmar Fire Brigade Law Paragraph (14 C, 25) 2. 1951 Factory Act (Chapter 3, Chapter 4)
3	Mitigation Measure	Implementation of machinery hazard safety measures

Table 55. Management Actions for Machinery Hazard

Sr.	Mitigation Measures	Management Actions
1	Implementation of machinery hazard safety measures	1.Providing necessary PPE (goggle, hand gloves, ear muffs) 2. Inspection and supervision for wearing necessary PPE for maintaining machine. 3.Regular inspection and cleaning of debris, dusts and oils on machine components

		4. Regular inspection of lubricant leakage and refilling as necessary 5. Clearing work place of flammable materials before using machine 6. Installation safety guard on machine 7. Regular inspection and maintaining for belt, gears, sprockets, chains, and other moving parts. 8. Systematically installing machine parts 9. Regular inspection of power cable 10. Preparing checklist, warning signs or lights of inspection for using machine and displaying at visible location near machine 11. Allow only qualified workers to maintain machine. 12. Install emergency stop devices on machine to enable workers to shut off the equipment within easy reach of workers.in an emergency.

Table 56. Implementation Plan for Machinery Hazard

Sr.	Management Action	Frequency	Duration	Responsibility
1.	Providing necessary PPE (goggle, hand gloves, ear muffs)	When require	Project life	Plant manager, worker
2	Inspection and supervision for wearing necessary PPE for maintaining machine.	Daily	Project life	Plant manager, worker
3	Regular inspection and cleaning of debris, dusts and oils on machine components	Daily	Project life	Plant manager, worker
4	Regular inspection of lubricant leakage and refilling as necessary	Check and refill	Project life	Plant manager, worker

5	Clearing work place of flammable materials before using machine	Daily	Project life	Plant manager, worker
6	Installation safety guard on machine	Once	Project life	Plant manager, worker
7	Regular inspection and maintaining for belt, gears, sprockets, chains, and other moving parts.	Weekly	Project life	Plant manager, worker
8	Systematically installing machine parts	Check and repair	Project life	Plant manager, worker
9	Regular inspection of power cable	Daily	Project life	Plant manager, worker
10	Preparing checklist, warning signs or lights of inspection for using machine and displaying at visible location near machine	Once	Project life	Plant manager, worker
11	Allow only qualified workers to maintain machine.	Annually	Project life	Plant manager, worker
12	Install emergency stop devices on machine to enable workers to shut off the equipment within easy reach of workers in an emergency.	Once/ recheck and repair	Project life	Plant manager, worker

Table 57. Monitoring Plan for Machinery Hazard

Sr.	Parameter	Location	Frequency	Method	Responsibility
1	Providing necessary PPE (goggle, hand gloves, ear muffs)	Factory	When require	Project life	General manager (HR), Plant Manager
2	Inspection and	Factory	Daily	Project	Engineering

	supervision for wearing necessary PPE for maintaining machine.	area		life	Department
3	Regular inspection and cleaning of debris, dusts and oils on machine components	Workplace	Daily	Project life	Engineering Department
4	Regular inspection of lubricant leakage and refilling as necessary	Workplace	Check and refill	Project life	Engineering Department
5	Clearing work place of flammable materials before using machine	Workplace	Daily	Project life	Engineering Department
6	Installation safety guard on machine	All of machine	Once	Project life	Engineering Department
7	Regular inspection and maintaining for belt, gears, sprockets,	All of machine	Weekly	Project life	Engineering Department

	chains, and other moving parts.				
8	Systematically installing machine parts	All of machine	Check and repair	Project life	Engineering Department
9	Regular inspection of power cable	All of machine	Daily	Project life	Engineering Department
10	Preparing checklist, warning signs or lights of inspection for using machine and displaying at visible location near machine	Factory area	Once	Project life	Engineering Department
11	Allow only qualified workers to maintain machine.	Factory record	Annually	Project life	General Manager (HR), Plant Manager
12	Install emergency stop devices on machine to enable workers to shut off the equipment within easy	All of machine	Once/ recheck and repair	Project life	Engineering Department

	reach of workers.in an emergency				

Table 58. Projected Budget for Machinery Hazard

Sr.	Management Actions	Budget
1	Regular inspection and maintaining for belt, gears, sprockets, chains, and other moving parts.	500,000/yr
2	Install emergency stop devices on machine to enable workers to shut off the equipment within easy reach of workers.in an emergency	30000

7.6 Chemical hazard

Exposure to chemicals typically involves chemical-handling activities related to UV glue attaching cable process. Mitigation measures and management actions are intended to prevent unnecessary hazards and reduce potential risks.

Table 59. Objective and Legal Requirements for Chemical Hazard

1	Objectives	To prevent and reduce harmful effect of chemical and related materials on workers and environment
2	Legal Requirements	1. Environmental Conservation Law Paragraph (14, 15) 2. Prevention from the Hazard of Chemicals and Related Materials Law Paragraph (15 B, 16 B, 16 C, 16 D, 16 H, 16 K)
3	Mitigation Measure	1. Implementation of chemical safety measures

Table 60. Management Actions for Chemical Hazard

Sr.	Mitigation Measures	Management Actions
1	Implementation of chemical safety measures	1. Taking temporary break upon the sign of nausea 2.Educating workers about emergency response plan for chemical hazard 3. Regular inspection and supervision for preventing chemicals from flowing into drainage 4. Providing washing places in the vicinity of workplace 5.Regular inspection and supervision for prohibiting eating, drinking and smoking at workplace 6. Educating workers with the information on MSDS

Table 61. Implementation plan for Chemical Hazard

Sr.	Management Action	Frequency	Duration	Responsibility
1	Taking temporary break upon the sign of nausea	As require	Project Life	Worker
2	Educating workers about emergency response plan for chemical hazard	Once	Project Life	Plant Manager,
3	Regular inspection and supervision for preventing chemicals from flowing into drainage	Daily	Project Life	Assistance Plant manager
4	Providing washing places in the vicinity of workplace	Once	Project Life	Plant Manager

5	Regular inspection and supervision for prohibiting eating, drinking and smoking at workplace	Daily	Project Life	Assistance Plant manager
6	Educating workers with the information on MSDS	Once	Project Life	Plant Manager

Table 62. Monitoring plan for Chemical Hazard

Sr.	Parameter	Location	Frequency	Method	Responsibility
2	Educating workers about emergency response plan for chemical hazard	Factory record	Bi-annually	Inspection	General Manager,
3	Regular inspection and supervision for preventing chemicals from flowing into drainage	Factory record	Weekly	Inspection	Plant manager
4	Providing washing places in the vicinity of workplace	Factory	Annually	Inspection	General Manager
5	Regular inspection and supervision for prohibiting eating, drinking and smoking at workplace	Factory	Weekly	Inspection	Plant manager

Table 63. Projected budget for Chemical Hazard

Sr.	Management Actions	Budget
1	Taking temporary break upon the sign of nausea	-
2	Educating workers about emergency response plan for chemical hazard	-
3	Training about first aid for emergency case	-
4	Regular inspection and supervision for preventing chemicals from flowing into drainage	-
5	Providing washing places in the vicinity of workplace	40,000/yr
6	Regular inspection and supervision for prohibiting eating, drinking and smoking at workplace	-
7	Educating workers with the information on MSDS	-

8 EMP PROJECTED BUDGETS

Projected budget for implementation of EMP management actions and monitoring requirements could be summarized from detailed particulars described in previous section of the report. Sono Smart Link Technology (Myanmar) Company Limited will allocates 490,000 kyats total of one-time cost and 8,400,000 kyat of annual recurring cost for successful implementation and monitoring of the EMP. If the estimated budget isn't enough, Sono Smart Link Technology (Myanmar) Company Limited will be used by adding the enough budgets as necessary.

Table 64. Project Budgets for Implementation and Monitoring of EMP

Sr.	Management Actions	Budget
1	Regularly check and refill fire extinguishers	2,100,000/3 yrs
2	Using metal hand gloves for cutting machine operators	300,000/yr
3	Installing machine guards	300,000
4	Regular maintenance of exhaust and ceiling fan	300,000/yr
5	Providing 20 dust bins	100,000
6	Installing a noise level meter	60,000
7	Carrying out annual overall maintenance work	5,000,000/yr
8	Providing earmuffs	100,000/yr

9	Regular inspection and maintaining for belt, gears, sprockets, chains, and other moving parts.	500,000/yr
10	Install emergency stop devices on machine to enable workers to shut off the equipment within easy reach of workers.in an emergency	30000
11	Providing necessary PPE for workers handling adhesive	100,000/yr
Total One Time Cost		490,000
Total Recurring Cost		8,400,000

9 PUBLIC CONSULTATION AND DISCLOSURE

Sono Smart Link Technology (Myanmar) Company Limited. is located at Plot No.23, Myay Taing Block No. (112), Industrial Zone, Dagon Myo Thit (East) Township, Yangon, Myanmar. The project will include industrial zone management committee meetings; Compliance with departmental inspections; other departmental officials in the vicinity of the project; Special emphasis is placed on building good relationships with other business people and the public.

Figure 30. Public Discussion of Sono Smart Link Technology (Myanmar) Company Limited

9.1 Results of public consultation

Departmental officials, officials from the Zone Management Committee; Regular consultations will be held with the people in the area and public opinion will be taken to

ensure that there is no harm to the environment and the socio-economy. . Results of public suggestion are shown in appendix 14.

9.2 Disclosure of information on public consultation; The plan will be implemented in accordance with the requirements

The factory will have a suggestion box to provide public feedback on the project at all times. The guidelines of the Industrial Zone Committee and relevant departments will always be followed. Project announcements will be made in real time at the Industrial Zone Committee Office and the factory notice board.

This plan ensures a consistent and efficient approach to internal communication and external complaints relating to the environment. The procedure applies to all documents established under the EMP of Sono Smart Link Technology (Myanmar) Company Limited. The documents under the EMP include but are not limited to:

- EMP Report
- Mitigation Measures and Management Actions
- Environmental Monitoring Programme
- Registers of Legal and Other Requirements
- External documents including legislation, professional guides and code of practices, etc.

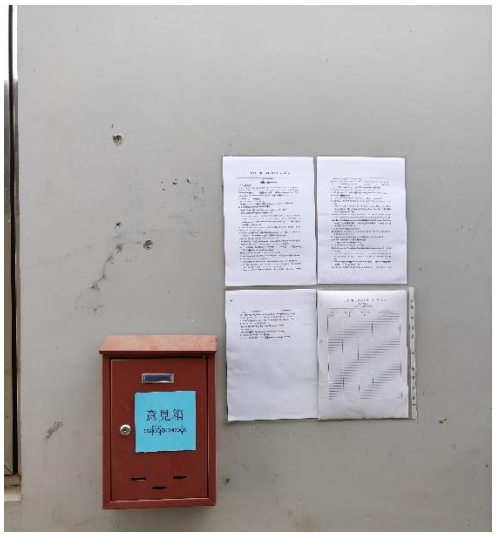


Figure 31. Suggestion Letter Box in Factory

9.3 CSR Activities of SONO SMART LINK TECHNOLOGY (MYANMAR) COMPANY Limited Factory

CSR activities of Sono Smart Link Technology (Myanmar) Company Limited are as shown in appendix.

9.4 RESPONSIBILITY

- The General Manager is responsible for dealing with complaints.
- The communication from cooperate affairs is responsible for ensuring that all communications relating to the environment are processed correctly.
- All staffs are responsible for putting forward suggestions on environmental matters.

9.4.1 External Communications

Communications to be handled according to this procedure include correspondence, conservations and meeting with relevant interested parties.

The person receiving the communication shall be noted the time and date, relevant address/telephone number and details of communication. Details shall be passed to the General Manager who will determine the response and whether the corrective action is required upon consultation with HR Department. If the communication is significant, the General Manager shall inform the supply chain director as soon as possible.

General Manager shall be responsible for maintaining records, responses and corrective action in a separate file designated for that purpose. In order to have more understanding the environment management practices by the Brewery/ EMP team and to have more transparent, local authorities and Communities leaders shall be invited to the brewery once in a year to share update environment management procedures.

9.4.2 Internal Communications

The primary means of communication is through team briefings, supported as appropriate by use of notice boards and memos. Suggestions for environmental improvements are made through the company suggestion scheme.

10 ENVIRONMENTAL AND SOCIAL MANAGEMENT SUB- PLAN

10.1 Environmental And Social Management Team

An Environmental Management Team will be established for successful implementation of the environmental management plan. Sono Smart Link Technology (Myanmar) Company Limited is responsible for complete implementation of the EMP and will carry out environmental monitoring programme which is part of the EMP. The objectives of the Environmental Management Team are:

(a) To assure systematic implementation of EMP throughout project life, and

(b) To monitor and review effectiveness of EMP regularly

Table 65. Environmental Management Team

Sr.	Representative	Number
1	Director	1
2	General Manager	1
3	Factory Manager	1
4	HR Manager	1
5	Production Manager	1
6	Supervisor	1

10.2 ROLES AND RESPONSIBILITIES

10.2.1 General Manager

General Manager is responsible for overall achievement of environmental management objectives. He has to report to Managing Director for regular progress, compliance, non-compliance and corrective actions for the course of implementation of EMP. He has to lead the regular EMP review process together with the environmental management team so that effectiveness of EMP is assured.

10.2.2 Heads of Departments

Heads of Departments (HODs) are responsible for carrying out day to day activities of the EMP. They have to direct employees or carrying out inspection works of the implementation of EMP and report back to Managing Director and General Manager for

progress, compliance, non-compliance and corrective actions for the course of implementation of EMP.

10.3 Training, Awareness and Competence

This plan describes the provisions of training to ensure that any people working for or on behalf of Sono Smart Link Technology (Myanmar) Company Limited involved in the activities covered by the scope of the EMP are properly trained to carry out their assigned duties in a manner that will not cause deviation from company environmental policy.

This procedure applies to EMP related training for staff and any persons working for or on behalf of Sono Smart Link Technology (Myanmar) Company Limited involved in the activities covered by the scope of the EMP Sono Smart Link Technology (Myanmar) Company Limited will ensure that all people performing tasks for or on behalf of the organization have had an appropriate assessment for their potential to cause a significant environmental impact and the associated competence required.

The HODs shall ensure that people working for or on behalf of the company within the scope of EMP are competent on the basis of appropriate education, training or experience. The General Manager shall identify training needs for people working for or on behalf of the company to ensure individual competence to implement the EMP effectively.

Table 66. Training Requirement

Sr.	Training Topics	Trainee	Duration
1	OSH Training	Supervisors, Operators, Workers and Security	40 hours
2	EMP Training	Environmental management team	40 hours
3	Emergency Response Training	All employee	16 hours
4	First Aid Training	All employee	20 hours
5	Fire Fighting Training	All employee	40 hours

10.4 Emergency Preparedness and Response Plan

10.4.1 Emergency of Fire Hazard

10.4.1.1 Sources of Fire Hazard

Fire is a rapid chemical in which oxygen combines with another substance in the presence of a source of heat energy. Heat, fuel, and oxygen have to be present in sufficient quantities before a fire can start. If one of these elements is removed, the fire will go out. Heat acts as the source of ignition and anything that gives off heat can start a fire. The source of ignition is not necessarily a flame, a spark or fires itself, but the heat they give off. Heat can be generated by welding torches, soldering irons, hot plates, ovens, electric fires, light bulbs, electric irons, and smoking. Fuel can be anything combustible, such as paper, wood, petrol vapor, natural gas, and propane (bottled gas).

The oxygen essential for combustion is usually supplied from the surrounding air. Fires are classified into five categories according to the fuel type. The classification serves as a basis for identifying the means of extinguishing different types of fire:

- Class A

These are fires involving solid materials, normally of an organic nature, such as paper, wood, coal and natural fibers. These fires usually produce burning embers.

- Class B

These are fires involving flammable liquids or liquefied solids, such as petrol, oil, greases, fats and paints.

- Class C

These are fires involving gases or liquefied gases, such as methane, propane, and mains gas.

- Class D

These are fires where the fuel is a metal such as aluminum, sodium, potassium or magnesium.

- Class F

These are fires fueled by cooking fats, as in the case of deep fat frying.

10.4.1.2 Pre-Conditions

1. Mark out all location susceptible to fire outbreak

2. The work place is equipped appropriate fire-fighting equipment, fire detectors, and alarms and that any non-automatic fire-fighting equipment is easily accessible, simple to use and indicated by signs.
3. Appropriate measures are taken for fire-fighting and training of workers to implement those measures, and the arranging of contacts with external emergency services.
4. The emergency routes are kept clear and comply with any rules or regulations relating to routes, doors and signs.
5. There is a suitable system of maintenance for fire precautions in relation to workplace procedures in general and to specific equipment and devices, which must be kept in good working order and repair.
6. Hot works must be done in a standard workshop.
7. Store flammable liquids/gases properly and under the supervision of a competent person.
8. Standardize waste materials and residues management so that they do not contribute to a fire emergency.

10.4.1.3 Preparation for Emergencies Management Team

An Emergencies Management Team will be established for successful implementation of the Emergencies Management plan. Sono Smart Link Technology (Myanmar) Company Limited is responsible for complete implementation of the EMP and will carry out emergencies management plan which is part of the EMP. The objectives of the Emergencies Management Team are:

(c) To prepare for and respond to emergency incidents such as natural disasters, security threats, public health crises, or other potential business disruptions., and

(d) To do action developed to mitigate the damage of potential events that could endanger an organization's ability to function. Such a plan should include measures that provide for the safety of personnel and, if possible, property and facilities.

Table 67. Emergencies Management Team

Sr.	Position	Area of Responsibility
1	Factory Manager	Implementation of the emergencies management plan
2	Factory Engineer	Reporting arrangement for emergencies

		management system
3	HR Manager	Training providing
4	Operation Supervisor	Emergency standard operation procedure

10.4.1.4 Training

All people at the production unit shall be trained on emergency situations in accordance with the standard of Myanmar fire bridge department.

10.4.1.5 Fire Drills

Fire drills are important requirement that serve to prepare and educate the staff in the event of a fire. Staff is expected to participate in fire drills and respond according to department expectations and institutional policy. Fire drills are critiqued and opportunities for improvement are identified and addressed. In addition, equipment and system problems and failures are reported immediately for correction.

Fire drills include the following:

- Simulated and actual removal of patients, staff and visitors from affected area
- Fire alarm activation
- Reporting event by calling 911
- Fire and smoke containment observation
- Review of evacuation procedures
- Fire suppression procedures

10.4.1.6 Pre-Drill Assessment

The drill coordinator should conduct a pre-drill assessment of the evacuation routes and assembly points. This assessment will verify condition of egress components and ensure that occupants may use these facilities in a safe manner. Ensure exit passageways are clear, free of obstructions and that exit doors work properly.

10.4.1.7 Evacuation

Evacuation shall be started by an acoustic signal. This signal can be activated by hand and also automatically by fire detection.

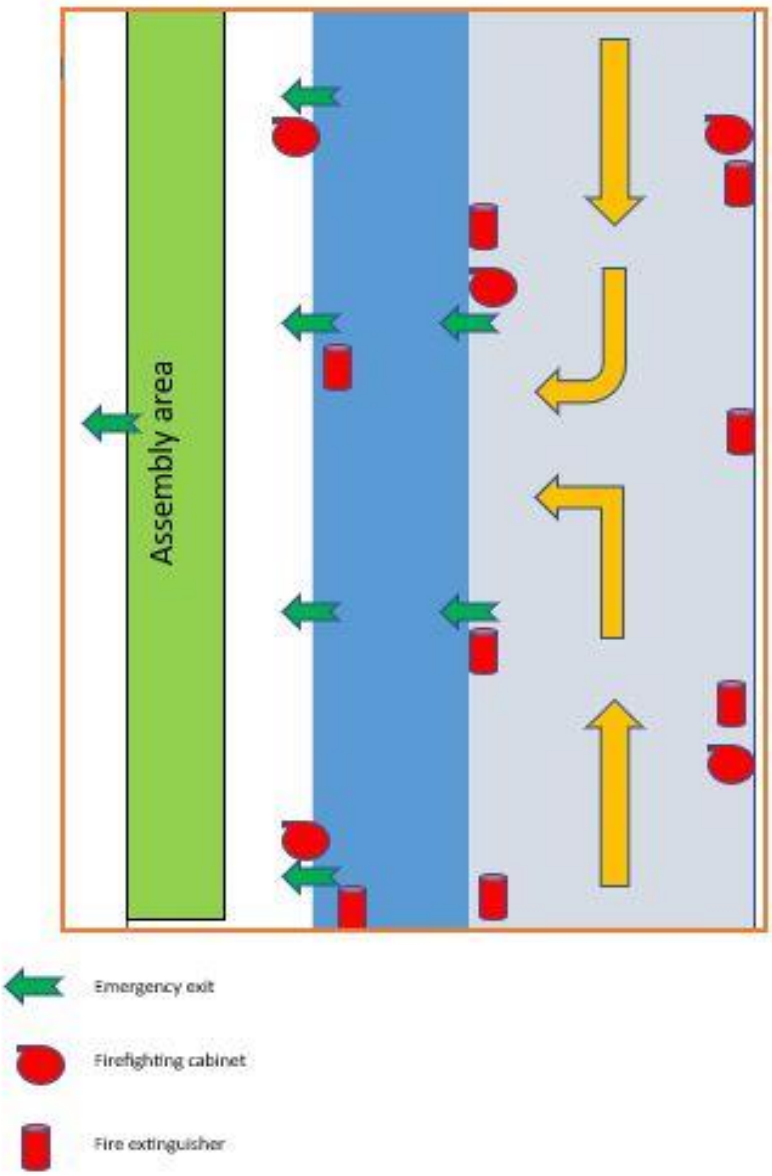


Figure 32. Evacuation plan Map

10.4.1.8 Responsibilities of Fire Emergency Coordinator and Fire Emergency Teams

The Emergency Coordinators are Responsible for: Review of the evacuation plan before a drill and identifying any modifications necessary as the result of changes in operations, facility, staff or occupants.

Trigger the evacuation signal (fire alarm) system and evaluate personnel response in terms of the following:

- Actions taken to shutdown processes and machineries.
- Using the prescribed route by the emergency procedure during evacuation.

- The ability of the occupant to provide assistance to visitors or individuals who are experiencing difficulty.
- Be familiar with the building evacuation plan and the basic emergency procedures.
- Know where the unit's first aid kit is located.
- The occupants' judgment in taking evasive action if the means of egress that is selected is determined to be unsafe.
- The occupant ability to report to the assembly area monitors using the prescribed emergency, safe exit (lifts must not be used in the event of a fire emergency) at the assigned assembly point.
- The Emergency Teams are Responsible for: Assessment of the means of exit
- Program the police services emergency number on the cell phone and have the phone readily available.

10.4.1.9 Emergency Contact

Situations that can result in the need to access an employee's emergency contact information may include but are not limited to: An employee illness or medical emergency in the workplace. A workplace accident or injury. An employee out on leave who is unresponsive to communications from their supervisor. Emergency contact lists are

1. Fire bridge (Dagon Myo Thit (Southern))
2. Ambulance
3. Hospital

Figure 33. Prepare emergency contact list in notice board and First Aid Box

10.4.1.10 Emergency Equipment

The Followings equipment/PPE are mandatory when any hot work has to be performed:

- Hands-free welding mask;
- Steel toe safety boot;
- Fire Extinguisher;
- Fire blanket;
- Fire Hydrant system;
- Willkie Talkie
- Fire detection system.

10.4.1.11 First Aid

First aid is a part of the total health care for workers. Its application will depend to a large extent on persons present at the time of an accident, whether co-workers or formally trained medical personnel. Any comprehensive occupational safety and health programme should include first aid, which contributes to minimizing the consequences of accidents and is therefore one of the components of tertiary prevention.

10.4.1.12 First Aid Treatment for Burns

Generally, a burn is considered as severe if it involves:

- More than 5% of the casualty's Total Body Surface Area (TBSA) i.e. a surface area more than five times the size of his palm
- The casualty's mouth, throat, eyes, ears and/or genitals

A. Minor burns

For mild (1st degree) burns involving less than 5% of the casualty's body surface, the following procedure will suffice:

- Cool the burn with running cool (not cold) water for at least 5 minutes. Do not overcool. If the person starts to shiver, stop the cooling process.
- A cool compress or clean wet cloth placed over the burn area helps relieve pain and swelling and compress in 5 to 15 minutes intervals. Try not to use excessively cold compresses because they may irritate the burn more.
- Remove rings or other tight items from the burned area. Try to do this quickly and gently, before the area swells.

- Don't break small blisters (no bigger than your little fingernail). If blisters break, gently clean the area with mild soap and water, apply an antibiotic ointment, and cover it with a nonstick gauze bandage.
- Apply moisturizer or Aloe Vera lotion or gel, which may provide relief in some cases.
- Honey may help heal a minor burn when applied topically. Honey is an anti-inflammatory and naturally anti-bacterial and anti-fungal.
- If needed, take an over-the-counter pain reliever, such as ibuprofen (Advil, Motrin IB, others), naproxen sodium (Aleve) or acetaminophen (Tylenol, others).
- Consider a tetanus shot. Make sure that your tetanus booster is up to date.

B. Severe burns

For 2nd degree burns i.e. burns involving more than 5% of the casualty's body surface:

Follow this procedure stated below:

1. Cool the affected part under cold running water or immerse it in cold water for at least 10 minutes; for chemical burns, wash off the chemicals
2. Constricting accessories such as bracelets, rings, watches or clothing are to be gently removed from the injured area before it starts to swell
3. Cover the burned/scalded area with sterile dressing
4. Call the Medical Emergency Number for an ambulance

The burn is often associated with other traumata such as fractures, wounds, electrocution, etc. which may complicate the medical condition of the victim, if not treated in good time. Take immediately to nearby health facility burn victims with the following signs:

- First degree burns with sizeable area;
- 2nd and 3rd degree burns;
- If the victim is drowsy, restless and has breathing problem;
- If the victim has burns on his face, eye, extremities, joints and around genital organs;
- Immediate care and first aid treatment according to "4C Procedures" stated above may be required before adequate medical treatment is administered. The Emergency Coordinator must always ensure that trained personnel and adequate First Aid supplies are readily available.

10.4.1.13 Emergency Treatment of Burned Body Parts

In the case of a fire victim with burned body parts, to prevent burn lesions from deteriorating, it is essential to do the following:

a. Not to burst any blisters, or remove the epidermis. Exposure of the dermis only increases the loss of body fluids and heat, besides increasing pain and the risk of infection;
a. To cool the burned parts with water or wet cloth. This stops the action of the thermal agent and considerably reduces pain. Very extensive burns must be treated either by immersing the part in water at room temperature or by covering the part with damp cloth. The cooling operation should generally not exceed 20 minutes. It should be guided by the patient's general condition and the degree of pain relief achieved. Cooling a patient must be stopped if he begins to shiver, as this can lead to hypothermia. Children and elderly persons and those in a state of shock must be treated with even greater care, with less energetic and shorter cooling. Non-extensive burns can be soothed with ice-packs or by placing the part under a running tap;
b. Flush chemical burns with water until all burning pain has stopped. Remove all contaminated clothes.
c. To use clean plastic bags, if available, to wrap burned hands and feet, or to spread out like adhesive flaps over burns on the thorax, limbs, etc;
d. To wrap burned parts or the entire body in a freshly laundered dry sheet, towel or cotton or linen cloth, and not to apply dressings as these would cause constriction as the burn oedema (a condition characterized by an excess of watery fluid collecting in the cavities or tissues of the body) increases;

10.4.2 Emergency of Electric Shock

10.4.2.1 Sources of Electric Hazard

Electricity flows through conductors. Conductors include metals, water, earth and the human body. Electric shock occurs when electricity flows through the human body by means of contact. Electric currents may also heat external and internal tissue sufficiently to induce structural damage through electrical burns. Electrical burns affect human health through actions on both excitable (e.g. cardiac, nervous) and non-excitable (e.g. Skin, blood vessels) tissues. Depending on the resistance encountered, the nature of the source, the strength of the

current and the contact time, the heat generated (Joule effect) may produce serious external and internal burn injuries and even death. Deep-tissue burns may occur anywhere along the path a current travel through the body. Evident surface burns may only comprise a small portion of the overall burn injury, and an injury's full extent may not be immediately apparent. Harm can be caused to any person when they are exposed to 'live parts' that are either touched directly or indirectly by means of some conducting object or material. Voltages over 50 volts AC or 120 volts DC are considered hazardous. Maintenance Personnel, machine operators and production personnel are quite prone to electrocution if proper trainings and strict preventive measures against electrical hazard are not established. Electrical hazards may be constituted by any or combination of the following:

- Improper grounding
- Exposed electrical parts
- Inadequate wiring
- Overhead power lines
- Damaged insulation
- Overloaded circuits
- Wet conditions
- Damaged tools and equipment

The severity of injury from electrical shock depends on the amount of electrical current and the length of time the current passes through the body. Even if the current is as low as 0.5mA and a person comes in contact for just 2 seconds, this is enough to cause death.

The lower the resistance, the greater the current flow will be. Dry skin may have a resistance of 100,000 ohms or more. Wet skin may have a resistance of only 1,000 ohms. Wet working conditions or broken skin will drastically reduce resistance. The low resistance of wet skin allows current to pass into the body more easily and give a greater shock.

10.4.2.2 Pre-Conditions

1. All high voltage equipment shall be on an inventory list with the following information:
    - Identification (tag)
    - Voltage Rating
    - Caution sign
2. Implement Preventive Organizational Measures which must incorporate the following:
    - Provisions according to basic protection requirements such as insulations

- Electrical fault protection requirements which normally involves an automatic disconnection of supply (ADS) using overcurrent protective devices.
- All high voltage equipment must be installed with barriers and enclosures such that they are completely inaccessible to unauthorized persons. The barriers and enclosures must maintain adequate clearances from the live parts.
- Safe Work Permit for jobs requiring high voltage
- Identification and provision of required PPEs including electrical rated hand gloves
- Specific Training to Operators and Maintenance Crew on Machine Safety procedure

10.4.2.3 Preparation for Emergencies

10.4.2.3.1 Training

An emergency expert or rescuer may be qualified for some kinds of emergencies and unqualified for others. Having the knowledge and skill to install and/or maintain electrical systems and equipment does not guarantee that the person is fully familiar with the hazards involved. Special training, and ability to use special equipment, is necessary for those emergency service personnel who carry out emergency and rescue tasks close to live electrical equipment. Training is key in determining who is considered a qualified emergency responder. A qualified electrical emergency responder is one who has been specifically trained on electrical hazards and emergency response and is qualified to carry out a rescue or emergency response. All people at the production unit shall be trained on emergency situations.

10.4.2.3.2 Electrical Injury Simulations

Electrical injury simulations must be done at least once a year to build experience; enable psychological preparation for emergency and to test; evaluate and improve overall preparedness with regards to the Emergency Response. The Emergency response team for electrical related emergencies must consist of trained personnel equipped to carry out a planned response plan on what should be done in the event of an electrical emergency.

10.4.2.3.3 Direct Contact with Electricity

The primary electrical injury that accompanies an electric shock as a result of contact with electricity is burns. It takes about 30 mA of current to cause respiratory paralysis. Currents greater than 75mA cause ventricular fibrillation (very rapid, ineffective heartbeat).

This condition will cause death within a few minutes unless a special device called a defibrillator is used to save the victim. Heart paralysis occurs at 4 amps, which means the heart does not pump at all. Tissue is burned with currents greater than 5Amp.

10.4.2.3.4 Indirect Contact

The most destructive indirect injury occurs when a victim becomes part of an electrical arc. Arc-blasts occur when powerful, high-amperage currents arc through the air. An electrical arc is a current spark formed between two objects of differing potential that are not in contact with each other, usually a highly charged source and a ground. Because the temperature of an electrical arc is approximately 2500° C, it causes very deep thermal burns at the point where it contacts the skin. In arcing circumstances, burns may be caused by the heat of the arc itself, electro thermal heating due to current flow, or by flames that result from the ignition of clothing. Protection against indirect contact is based on combining measures affecting both the characteristics of the equipment and the building of the installation. High sensitivity residual current devices are the most effective way of protecting against the risk of indirect contact.

10.4.2.3.5 Emergency Equipment

The Followings equipment/PPE are mandatory when any work with electrical hazards has to be performed:

- Electrical safety insulating latex hand gloves
- Electrical safety composite gloves
- Fire Extinguisher
- Safety boots (“EH” rated)

Protective devices such as overcurrent circuit breakers, thermal overload relays, and ground fault detectors must be installed as a preventive measure against electric hazards.

10.4.2.3.6 Rescue Procedure

Electrical shocks always need emergency medical attention even if the person seems to be fine afterward. The emergency responder is expected to do the following:

If low voltage electricity is involved;

- Separate the Person from the power or current's source
- Turn off power via circuit breaker, fuse box, or outside switch i.e. complete isolation

- If you can't turn off power, stand on something dry and non-conductive, such as dry newspapers, telephone book, or wooden board.
- Try to separate the person from current using non-conductive object such as wooden or plastic broom handle, chair, or rubber doormat.

If high voltage line or power line is involved:

High voltage electricity of 500V and above has the ability to 'jump' or 'arc' up to distances of 18 meters or over. If faced with a casualty resulting from high voltage electricity, the following procedures should be followed by a trained electrical emergency rescuer

1. Do not approach! Stay at least 25 meters away from the casualty until the power has been switched off by an official agency. Do not try to separate the person from current if you feel a tingling sensation in your legs and lower body
2. Insulate yourself from the ground with books / newspapers / rubber matting
3. Use an object of low conductivity i.e. a wooden broom or rolled up newspaper to push away the power source. If a power line falls on a car, instruct the passengers to stay inside unless explosion or fire threatens.
4. Once an electrical emergency rescuer has ascertained that the victim is no longer in contact with electrical conductors, the following checks may be carried out:
5. Quickly access the level of response of the victim. A rapid assessment will allow effective treatment to be administered and will also allow for accurate information to be passed on to the ambulance service. Access the level of response of the victim by:

Check whether the casualty is conscious

- Ask "hello, can you hear me" and call the name if you know it.
- Ask in both the casualty's ears to open their eyes.
- Pinch an ear lobe or gently tap the shoulders.
- Shout for HELP!
- DO NOT move the casualty unless the environment or situation is dangerous.

10.4.2.3.7 First Aid Treatment

For an unresponsive casualty open the airway

- Look in the mouth to ensure there are no obvious obstructions.
- Open the airway by lifting the chin and tilting the head back.
- This will free the tongue from the back of the throat

- If neck/spinal injury is suspected, put one hand on the stomach to feel if it rises and falls. This indicates normal breathing.

  Assess for breathing by doing the following:
- LOOK for the rise and fall the chest.
- LISTEN for sounds of breathing.
- FEEL for air on your cheek.
- Carry this out for up to 10 seconds.

  Condition 1: If the victim is breathing normally;

  If breathing is present do the following:
- Check for any other obvious injuries.
- Remove sharp objects from pockets.
- Turn the casualty into the recovery position.
- Place the nearest arm at a right angle to the body.
- Draw the furthest arm across the chest and place the back of the hand across the cheek.
- Keep this here whilst you raise the furthest leg by grasping the top of the knee.
- Gently pull on the knee so that the casualty pivots over onto their side facing you.
- The casualty should be fully over and stable.
- Re-check the airway, breathing and circulation.
- Draw up the leg at a 90-degree angle
- Check for continued breathing.
- Call the Emergency Medical Services

  Condition 2: Victim is not breathing;

If the casualty is not breathing normally, commence full Cardio-Pulmonary Resuscitation (CPR). Call for medical emergency services while you commence CPR (Cardio-Pulmonary Resuscitation). To commence CPR for an unresponsive casualty;

- Ensure the casualty is on a firm, flat surface
- Place your hands one on top of the other in the center of the casualty's chest
- Compress the chest (up to a maximum depth of approximately 4-5cm) 30 times at a rate of 100 compressions per minute. The compressions and releases should take an equal amount of time
- After 30 compressions, open the airway again using head tilt/chin lift
- Seal the nostrils with your thumb and forefinger.

- Blow steadily into the mouth until you see the chest rise, take about a second to make the chest rise.

  It is advisable to have resuscitation equipment at this stage such as a face shield.
- Remove your mouth to the side and let chest fall. Inhale some fresh air, when breathing for the casualty
- Repeat so you have given 2 effective rescue breaths in total
- If chest does not rise after the second breath, go back to 30 compressions then try again with 2 breaths.
- Return your hands to the correct position on the chest and give a further 30 chest compressions.

Continue with CPR until:

1. The casualty shows signs of recovery
2. Emergency services arrive
3. You become exhausted and unable to continue
4. The situation changes and you are now in immediate danger.

10.4.2.3.8 Burns

Exposure to electricity can cause burns to the skin and, in severe cases, internal organs. In such cases the electricity may, for example, enter via a hand and leave via the feet causing ‘entry’ and ‘exit’ burns.

A. Conscious casualties

   Cool burns for a minimum of 10 minutes under cold water.

B. Unconscious casualties

   Cool the burn with wet dressings after placing them in the recovery position.

- Burst any blisters
- Apply adhesive dressings
- Remove damaged skin
- Apply ointments/creams
- Cover with ‘fluffy’ dressings
- Affix dressing too tightly
- Apply butter/fats/margarine
- Remove damaged clothing

- Apply ice

10.5 Natural Disaster Preparedness

Practical and comprehensive action plans should be prepared for the following situations and types of activities to ensure effective implementation in times of emergency: Mitigating natural disaster risks includes measures to prevent loss of life and property during natural disasters (such as the construction of modulating lakes and reservoirs to prevent disasters caused by heavy rainfall and flooding in rivers, construction of sufficient fire breaks to prevent forest fires from spreading into urban areas) as well as precautionary and mitigating measures (such as planting trees as wind breakers and breakwaters, planting rows of trees and groves to reduce damage, using fire-proof materials as much as possible in construction to reduce fire hazards, and using earthquake resistant designs to reduce damage caused by earthquakes). In planning mitigating measures, the type of disasters that can affect the disaster-prone areas, the scale (large or small) and the population density (densely populated or sparsely populated) should first be studied and the disaster risk reduction measures prioritized according to the potential damage identified.

Natural disaster preparedness should include planning based on the characteristics of natural disasters, preparedness to overcome them and where it is not possible to overcome them, making preparations for evacuation and shelter. The following steps are generally involved:

1. Early Warning systems. Setting up systems for horizontal and vertical communications.
2. Providing management, and conducting rehearsals and drills for the Interdepartmental Relief Team to enable it to provide assistance during natural disasters from the nearest location in the field.
3. Providing training from the grassroots level organizations to the Township/Division/State to ensure preparedness for emergency activities during natural disasters; brainstorming possible solutions for different scenarios during training.
4. Including natural disaster management and preparedness activities for the individuals, groups, households, wards or neighborhoods in the school curriculum, newspaper/journals in order to raise awareness for everyone and issuing further warnings especially in disaster-prone times of the year.

5. Building safe shelters, artificial mounds and high embankments for use in times of emergency, and making evacuation plans and conducting drills.
6. Stockpiling food, water, clothing, supplies, construction materials, shelter and ready-made tents, tools, etc. that will be necessary during emergencies or arranging access to them and designating transportation routes.
7. Forming emergency supervisory teams and conducting rehearsals.
8. Identifying vulnerable areas for each type of natural disasters and conducting awareness-raising activities, identifying and communicating do's and don'ts and precautionary measures that should be taken for each type of natural disasters.
9. Preparing and conducting drills for measures to be taken during disasters and in the post-disaster period. Activities to be conducted during disasters include emergency relief, preliminary care and protection, emergency medical treatment, and evacuation to safe locations. Activities to be conducted in the post disaster period include provision of health care, water, food, clothing, and shelter.
10. As planning is required for these activities, projects should be in place for the provision of education and training to the grassroots level.

10.6 Factory Decommissioning Management Plan

10.6.1 Production Area Decommissioning Management Plan

The DMP for production area will consist of the following actions

- All products will be sent for suitable re-use, recovery, treatment or disposal.
- Shutting off unnecessary services to the building. Heating and ventilation capability would be maintained.
- The instrumentation will be disconnected and rendered safe.
- Cleaning and decontamination of all floor drains.
- All remaining specialized equipment will be sent for suitable re-use or sold to an interested party. Obsolete equipment will be recycled where possible or otherwise disposed of.

10.6.2 Utilities Area Decommissioning Management Plan

The DMP for the utilities area would consist of shutting down the following systems

- Removal of any associated chemicals, oils or any other materials used in the utilities area for redistribution, return to vendor or disposal.

- Waste oils, lubricants and diesel will be sent for suitable re-use, recovery, treatment or disposal as appropriate. Any hazardous waste arising from the plant and utilities areas will be removed from site and disposed of.

10.6.3 Warehouse Area Decommissioning Management Plan

The DMP for the stores warehouse would consist of the following actions

- Cancellation of all orders for incoming materials to the site.
- Negotiation with other plants with a view to distribution of unused materials.
- Negotiation with relevant suppliers to return unused materials to supplier.
- Dispatch of opened containers and non-returnable or out-of-date goods for appropriate treatment or disposal.
- Cleaning and decontamination of the storage areas.

10.6.4 Site Decommissioning Management Plan

The following actions would be required to ensure the implementation of the site DMP

- Cessation of any construction project work on site so that the site is left in a safe and orderly condition. Contractors will be required to decommission any construction compounds and remove all construction equipment, construction materials and waste, storage units and temporary offices from the site at the completion of construction projects.
- Disbandment of contract personnel, facilities and equipment.
- Termination of all non-essential maintenance and other contracts.
- Removal from site any temporary offices or storage areas.
- Rationalization of the site electricity supply. This would involve removing transformers from service, allowing remaining site operations to run from one transformer.
- The boilers onsite will be decommissioned.

11 MONITORING PLAN

Monitoring Plans are to address and satisfy directly for all applicable environmental management and monitoring issues which are

1. Fire hazard
2. Solid waste

3. Physical hazard
4. Noise
5. Machinery hazard
6. Chemical hazard

11.1 FIRE HAZARD

Fire is the greatest threat for factories around the world. Raw material used nylon wire and copper wire. Fire can easily break out with any sparking source. Moreover, fire hazard is greater if emergency exit is poorly provided. Blockages in passage ways by stacks of raw materials and products will add a greater fire hazard. Common ignition sources include improper or poorly maintained electrical equipment and malfunction of grain-moving machinery. This factory installed fire alarm, fire hydrate and fire extinguishers to prevent fire hazard. Diesel for machines and electrical equipment are also associated with fire hazard.

Table 68. Objective and Legal Requirements for Fire Hazard

1	Objectives	To prevent and reduce fire hazard by the implementation of a systematic management and monitoring plan
2	Legal Requirements	1. Myanmar Fire Brigade Law Paragraph (14 C, 25)
3	Mitigation Measure	7. Strictly prohibit smoking within factory compound
		8. Clearly define and notify emergency exits
		9. Passage ways must always be kept clean and clear
		10. Regularly check and refill fire extinguishers
		11. Exercise fire drill regularly 12. Storage with secondary container for diesel container

Table 69. Monitoring Plan for Fire Hazard

Sr.	Parameter	Location	Frequency	Method	Responsibility
1	Strictly prohibit smoking within factory compound	Within factory compound	Daily	Visual inspection	HR Dept

2	Clearly define and notify emergency exits	Factory compound	Daily	Inspection	HR Dept
3	Passage ways must always be kept clean and clear	Passage ways	Daily	Visual inspection	HR Dept
4	Regularly check and refill fire extinguishers	Fire extinguisher within the factory compound	Daily	Inspection	HR Dept
5	Exercise fire drill regularly	Fire drill within the factory compound	3 times/yr	Inspection	HR Dept
6	Storage with secondary container for diesel container	Generator and diesel storage area	Daily	Inspection	Machine operator

11.2 Physical Hazard

Primary physical hazard issues related to this factory is: overweight lifting at receiving raw materials and transporting products; hazard for injury from cutting machines; Ergonomic injury from prolong standing or sitting.

Table 70. Objective and Legal Requirements for Physical Hazard

1	Objectives	To prevent and reduce occupational hazard by the implementation of a systematic OSH management and monitoring plan
2	Legal Requirements	1. Myanmar Fire Brigade Law Paragraph (14 C, 25) 2. 1951 Factory Act (Chapter 3, Chapter 4) 3. OSH Law (Chapter 8, Paragraph 34 and 49)
3	Mitigation Measure	1. Using necessary lifting and carrying aid apparatus

		and machinery
		2. Using metal hand gloves for cutting machine operators
		3. Installing machine guards
		4. Regular maintenance of exhaust and ceiling fan

Table 71. Monitoring Plan for Physical Hazard

Sr.	Parameter	Location	Frequency	Method	Responsibility
1	Using necessary lifting and carrying aid apparatus and machinery	Loading/ Unloading area	Daily	Inspection	HR Dept
2	Using metal hand gloves for cutting machine operators	Production lines	Daily	Inspection	HR Dept
3	Installing machine guards	Production lines	Monthly	Inspection	Maintenance
4	Regular maintenance of exhaust and ceiling fan	Exhaust fans	Monthly	Inspection	Maintenance

11.3 SOLID WASTE

Solid wastes of Sono Smart Link Technology (Myanmar) Company Limited is mainly comprised of wire string cuts and plastic waste. These wastes are valuable for reuse in places such as cable plus molding. The general waste from Sono Smart Link Technology (Myanmar) Company Limited is discharged by calling solid waste collector such as Dagon Myo Thit (East) Township City Development Committee. The amount of domestic solid waste generation from Sono Smart Link Technology (Myanmar) Company Limited is (200kg/day). Systematic management of these solid wastes is of importance as mismanagement of the waste will lead critical occupational hazard including fire hazard.

Table 72. Objective and Legal Requirements for Solid Waste

1	Objectives	To prevent and reduce environmental impacts from solid waste by providing a systematic management plan
2	Legal Requirements	1. Environmental Conservation Law Paragraph (14, 15) 2. 1951 Factory Act Paragraph (14A)
3	Mitigation Measure	6. Cleaning continuous and regularly
		7. Packing wire cutting waste in bags
		8. Stacking waste bags systematically
		9. Calling waste collector regularly
		10. Providing adequate dust bins

Table 73. Monitoring Plan for Solid Wastes

Sr.	Parameter	Location	Frequency	Method	Responsibility
1	Cleaning continuously and regularly	The whole plant	Daily	Inspection	Production Dept
2	Packing wire cutting waste in bags	Inspection	Daily	Inspection	Production Dept
3	Stacking waste bags systematically	Inspection	Daily	Inspection	Production Dept
4	Calling waste collector regularly	Inspection	Weekly	Inspection	Production Dept
5	Providing minimum 20 dust bins	Inspection	Once	Record	Plant Manager

11.4 NOISE

Most parts of the factory are subjected to noise. High noise areas are can line, motor and air compressor. Workers working in these areas are needed to provide with necessary PPE such as ear muffs.

Table 74. Objective and Legal Requirements for Noise and Vibrations

1	Objectives	To prevent and reduce occupational hazard from noise by implementing a systematic management plan
2	Legal Requirements	1. NEQG paragraph (1.3)
3	Mitigation Measure	1. Carrying out regular maintenance works so that unnecessary mechanical noise could be prevented 2. Providing ear muffs for workers at high noise area 3. Regular inspection and supervision of the usage of ear muffs for the workers working at high noise areas

Table 75. Monitoring Plan for Noise and Vibrations

Sr.	Parameter	Location	Frequency	Method	Responsibility
1	Carrying out noise level measurement regularly	locations within plant compounds	Quarterly	Handheld noise level meter	Engineering Dept
2	Carrying out annual overall maintenance work	The whole plant	4 times per year	Inspection	Engineering Dept
3	Checking workplace daily	The whole plant	Daily	Visual Inspection	Engineering Dept
4	Providing earmuffs	Workers at high noise area	Whenever required	Inspection	Plant Manager
5	Regular inspection the usage of ear muffs	Workers at high noise area	Daily	Visual Inspection	Plant Manager

11.5 MACHINERY HAZARD

Many types of machinery such as cutting machine in this factory. Any machine part which can cause injury must be guarded. Machine guards help to eliminate personnel hazards created by points of operation, ingoing nip points, rotating parts and flying chips. All

machinery equipment should be maintained in a safe operational condition and be regularly inspected.

Table 76. Objective and Legal Requirements for Machinery Hazard

1	Objectives	To prevent and reduce occupational hazard by the implementation of a systematic OSH management and monitoring plan
2	Legal Requirements	1. Myanmar Fire Brigade Law Paragraph (14 C, 25) 2. 1951 Factory Act (Chapter 3, Chapter 4)
3	Mitigation Measure	Implementation of machinery hazard safety measures

Table 77. Monitoring Plan for Machinery Hazard

Sr.	Parameter	Location	Frequency	Method	Responsibility
1	Providing necessary PPE (goggle, hand gloves, ear muffs)	Factory	When require	Project life	General manager (HR), Plant Manager
2	Inspection and supervision for wearing necessary PPE for maintaining machine.	Factory area	Daily	Project life	Engineering Department
3	Regular inspection and cleaning of debris, dusts and oils on machine components	Workplace	Daily	Project life	Engineering Department
4	Regular inspection of	Workplace	Check and refill	Project life	Engineering Department

	lubricant leakage and refilling as necessary				
5	Clearing work place of flammable materials before using machine	Workplace	Daily	Project life	Engineering Department
6	Installation safety guard on machine	All of machine	Once	Project life	Engineering Department
7	Regular inspection and maintaining for belt, gears, sprockets, chains, and other moving parts.	All of machine	Weekly	Project life	Engineering Department
8	Systematically installing machine parts	All of machine	Check and repair	Project life	Engineering Department
9	Regular inspection of power cable	All of machine	Daily	Project life	Engineering Department
10	Preparing checklist, warning signs or lights of inspection for using machine and displaying	Factory area	Once	Project life	Engineering Department

	at visible location near machine				
11	Allow only qualified workers to maintain machine.	Factory record	Annually	Project life	General Manager (HR), Plant Manager
12	Install emergency stop devices on machine to enable workers to shut off the equipment within easy reach of workers.in an emergency	All of machine	Once/ recheck and repair	Project life	Engineering Department

11.6 Chemical hazard

Exposure to chemicals typically involves chemical-handling activities related to UV glue attaching cable process. Mitigation measures and management actions are intended to prevent unnecessary hazards and reduce potential risks.

Table 78. Objective and Legal Requirements for Chemical Hazard

1	Objectives	To prevent and reduce harmful effect of chemical and related materials on workers and environment
2	Legal Requirements	1. Environmental Conservation Law Paragraph (14, 15) 2. Prevention from the Hazard of Chemicals and Related Materials Law Paragraph (15 B, 16 B, 16 C, 16 D, 16 H, 16 K)

3	Mitigation Measure	1. Implementation of chemical safety measures

Table 79. Monitoring plan for Chemical Hazard

Sr.	Parameter	Location	Frequency	Method	Responsibility
2	Educating workers about emergency response plan for chemical hazard	Factory record	Bi-annually	Inspection	General Manager,
3	Regular inspection and supervision for preventing chemicals from flowing into drainage	Factory record	Weekly	Inspection	Plant manager
4	Providing washing places in the vicinity of workplace	Factory	Annually	Inspection	General Manager
5	Regular inspection and supervision for prohibiting eating, drinking and smoking at workplace	Factory	Weekly	Inspection	Plant manager

12 COMMITMENT

This Environmental Management Plan (EMP) for Sono Smart Link Technology (Myanmar) Company Limited was prepared by company organization itself. This Environmental Management Plan has been done with reasonable skills, care and diligence in accordance with the stipulations of Environmental Impact Assessment Procedure (Paragraph

76-77-82). I hear by signed this report on behalf of the Sono Smart Link Technology (Myanmar) Company Limited to certify that all the information in it is true and convincing to the best of our knowledge.

(a) The accuracy and completeness of the EMP;

(b) That the EMP has been prepared in strict compliance with applicable laws including the EIA Procedure; and

(c) That the Project will at all times comply fully with the commitments, mitigation measures, and plans in the EMP Report.

(d) Improving the environmental management plan approved during the period of operation; Depending on the systems and business requirements, instructions will be followed to make better environmental management plans.

(e) If the project proponent wants to amend the environmental management plan, we will get the approval and amendment.

(f) When the project is completed and closed, it will minimize the impact on the community. In the event of an accident, minimize the risk; Socio-economic cooperation plans will be made.

No	List of Commitment	Commitment description	Mention chapter
1	The accuracy and completeness	The environmental management plan is rigorous and comprehensive.	All chapter
2	strict compliance with applicable laws	That the EMP has been prepared in strict compliance with applicable laws including the EIA Procedure; and That the Project will at all times comply fully with the commitments, mitigation measures, and plans in the EMP Report	Chapter 12(Commitments), 3 (legal requirement)

3	Improving the environmental management plan approved during the period of operation	Improving the environmental management plan approved during the period of operation; Depending on the systems and business requirements, instructions will be followed to make better environmental management plans.	Chapter (7) Management and Chapter (11) Monitoring plan
4	Amending the environmental management plan	If the project proponent wants to amend the environmental management plan, he/she will get the approval and amendment	Chapter 2 (legal requirement)
5	Factory decommissioning	When the project is completed and closed, it will minimize the impact on the community. In the event of an accident, minimize the risk; Socio-economic cooperation plans will be made.	Chapter 10.6 Factory Decommissioning Management Plan

13 CONCLUSIONS AND RECOMMENDATIONS

Twelve key environmental impacts can be occurred from the project objectivities. Sono Smart Link Technology (Myanmar) Company Limited should be reduced and monitored on these environmental impacts by following specifically the impacts management and monitoring plan described in section 5. On the other hand, there will be left to be investigated positive impacts such as Job Opportunities and surrounding villages can be developed by CSR program of the factory.

14 MANAGEMENT REVIEW

A process that will review the results of the implementation of EMP by the analysis of the monitoring results to ensure that the mitigation measures and management actions are fully satisfied with the minimum side effects to the environment is required. The SHE manager shall work with all HODs to carry out analysis and evaluation of monitoring results in compliance with set environmental standard values. The SHE manager has the overall responsibility for ensuring that this EMP is implemented to ensure the project operation is in compliance with applicable environmental legislations.

The HR Manager of Sono Smart Link Technology (Myanmar) Company Limited will be the responsible person of management review process. She shall be supported by all HODs and various functional heads.

15 REFERENCES

- Environmental conservation law and rules
- Environmental impact assessment
- Myanmar Information Management Unit (http://themimu.info)
- Myanmar law library
- Department of Meteorology and Hydrology (https://www.moezala.gov.mm)
- OSHE (Occupational Safety, Health, Environmental guideline)

APPENDIX 1

Water Result

ISO TECH LABORATORY

Laboratory Technical Consultant: U Saw Christopher Maung
B.Sc Engg: (Civil), Dip S.E(Delft) Lecturer of YIT (Retd). Consultant (Y.C.D.C), LWSE 001.
Former Member (UNICEF, Water quality monitoring & Surveillance Myanmar)

ISO 9001:2015 Cert. No. 688600

WTL-RE-001
Issue Date - 01-12-2012
Effective Date - 01-12-2012
Issue No - 1.0/Page 1 of 2

W0720 368

WATER QUALITY TEST RESULTS FORM

Client	Sono Smart Link Technology (Myanmar) Co.,Ltd.
Nature of Water	Tube Well Water
Location	South Dagon Township
Date and Time of collection	10.7.2020
Date and Time of arrival at Laboratory	10.7.2020
Date and Time of commencing examination	11.7.2020
Date and Time of completing	13.7.2020

Results of Water Analysis			WHO Drinking Water Guideline (Geneva - 1993)
pH	8.6		6.5 - 8.5
Colour (True)	Nil	TCU	15 TCU
Turbidity	3	NTU	5 NTU
Conductivity		micro S/cm	
Total Hardness		mg/l as $CaCO_3$	500 mg/l as $CaCO_3$
Calcium Hardness		mg/l as $CaCO_3$	
Magnesium Hardness		mg/l as $CaCO_3$	
Total Alkalinity		mg/l as $CaCO_3$	
Phenolphthalein Alkalinity		mg/l as $CaCO_3$	
Carbonate ($CaCO_3$)		mg/l as $CaCO_3$	
Bicarbonate (HCO_3)		mg/l as $CaCO_3$	
Iron	0.27	mg/l	0.3 mg/l
Chloride (as CL)		mg/l	250 mg/l
Sodium Chloride (as NaCL)		mg/l	
Sulphate (as SO_4)		mg/l	500 mg/l
Total Solids		mg/l	1500 mg/l
Total Suspended Solids	6	mg/l	
Total Dissolved Solids	240	mg/l	1000 mg/l
Manganese		mg/l	0.05 mg/l
Phosphate	Nil	mg/l	
Phenolphthalein Acidity		mg/l	
Methyl Orange Acidity		mg/l	
Salinity		ppt	

Remark: This certificate is issued only for the receipt of the test sample.

Tested by
Signature:
Name: Zaw Hein Oo
B.Sc (Chemistry)
Sr. Chemist
(a division of WEG Co.,Ltd) ISO TECH Laboratory

Approved by
Signature:
Name: Soe Thit
B.E (Civil) 1980,
Technical Officer
ISO TECH Laboratory

No.18. Lanthit Road, Nanthargone Quarter, Insein Township, Yangon, Myanmar.
Ph: 01-640955, 09-73225175, 09-30339681, 01-644506, E-mail: isotechlaboratory@gmail.com, Website: weg-myanmar.com

ISO TECH LABORATORY

Laboratory Technical Consultant: U Saw Christopher Maung
B.Sc Engg: (Civil), Dip S.E(Delft) Lecturer of YIT (Retd). Consultant (Y.C.D.C), LWSE 001.
Former Member (UNICEF, Water quality monitoring & Surveillance Myanmar)

ISO 9001:2015 Cert. No. 688500

WTL-RE-001
Issue Date - 01-12-2012
Effective Date - 01-12-2012
Issue No - 1.0/Page 2 of 2

W0720 368

WATER QUALITY TEST RESULTS FORM

Client: Sono Smart Link Technology (Myanmar) Co.,Ltd.

Nature of Water: Tube Well Water

Location: South Dagon Township

Date and Time of collection: 10.7.2020

Date and Time of arrival at Laboratory: 10.7.2020

Date and Time of commencing examination: 11.7.2020

Date and Time of completing: 13.7.2020

Results of Water Analysis			WHO Drinking Water Guideline (Geneva - 1993)
Temperature (°C)	25.0	°C	
Fluoride (F)		mg/l	1.5 mg/l
Lead (as Pb)		mg/l	0.01 mg/l
Arsenic (As)		mg/l	0.01 mg/l
Nitrate ($N.NO_3$)	0.2	mg/l	50 mg/l
Chlorine (Residual)		mg/l	
Ammonia Nitrogen (NH_3)		mg/l	
Ammonium Nitrogen (NH_4)		mg/l	
Dissolved Oxygen (DO)		mg/l	
Chemical Oxygen Demand (COD)		mg/l	
Biochemical Oxygen Demand (BOD) (5 days at 20 °C)		mg/l	
Cyanide (CN)		mg/l	0.07 mg/l
Zinc (Zn)		mg/l	3 mg/l
Copper (Cu)	Nil	mg/l	2 mg/l
Calcium (Ca)	40	mg/l	
Magnesium (Mg)	22	mg/l	
Silica (Si)		mg/l	

Remark: This certificate is issued only for the receipt of the test sample.

Tested by

Signature:

Name: Zaw Hein Oo
B.Sc (Chemistry)
Sr. Chemist
ISO TECH Laboratory

Approved by

Signature:

Name: Soe Thit
B.E (Civil) 1980,
Technical Officer
ISO TECH Laboratory

ISO TECH LABORATORY

Laboratory Technical Consultant: U Saw Christopher Maung
B.Sc Engg: (Civil), Dip S.E(Delft) Lecturer of YIT (Retd), Consultant (Y.C.D.C), LWSE 001,
Former Member (UNICEF, Water quality monitoring & Surveillance Myanmar)

ISO 9001:2015 Cert. No. 688600

WTL-RE-002
Issue Date - 01-12-2012
Effective Date - 01-12-2012
Issue No - 1.0/Page 1 of 1

WW0720 051

WASTEWATER QUALITY TEST RESULTS FORM

Client	Sono Smart Link Technology (Myanmar) Co.,Ltd.
Nature of Water	Wastewater (Outlet)
Location	South Dagon Township
Date and Time of collection	10.7.2020
Date and Time of arrival at Laboratory	10.7.2020
Date and Time of commencing examination	11.7.2020
Date and Time of completing	16.7.2020

Results of Wastewater Analysis

Parameters	Results	
pH	8.0	
Biochemical Oxygen Demand (BOD) (mg/l) (5 days at 20 °C)	48	
Chemical Oxygen Demand (COD) (mg/l)	96	
Dissolved Oxygen (DO) (mg/l)		
Total Solids (mg/l)	232	
Total Suspended Solids (mg/l)	68	
Total Dissolved Solids (mg/l)	164	
Nitrate (mg/l)	2.4	
Ammonia Nitrogen (NH_3) (mg/l)		
Ammonium Nitrogen (NH_4) (mg/l)		
Phosphate (mg/l)		

Remark: This certificate is issued only for the receipt of the test sample.

Tested by

Signature:

Name: Zaw Hein Oo
B.Sc (Chemistry)
Sr. Chemist
ISO TECH Laboratory

Approved by

Signature:

Name: Soe Thit
B.E (Civil) 1980,
Technical Officer
ISO TECH Laboratory

APPENDIX 2

Soil Result

DEPARTMENT OF AGRICULTURE (LAND USE)

SOIL ANALYTICAL DATA SHEET

Sono Smart Link Technology Myanmar Co.,Ltd (10.7.2020)

Division - Yangon

Township - South Dagon

Sheet No. 1

Sr No. S 1/ 19-20

Sr No.	Sample	Moisture %	pH Soil:Water 1:2.5	Texture				Organic Carbon %	Humus %	Total N %	Exchangeable Cations meq/100gm			Available Nutrients	
				Sand %	Silt %	Clay %	Total %				Ca++	Mg++	K^+	P ppm (Olsen)	K_2O mg/100gm
1	Sample	1.98	7.30	48.20	20.00	31.80	100.00	1.00	1.72	0.13	27.18	5.43	0.60	16.33	28.16

လက်ထောက်ညွှန်ကြားရေးမှူး (ကိုယ်စား)

(သက်စုစုလှိုင်ဦးစီးအရာရှိ)

မြေအသုံးချရေးဌာနခွဲ

DEPARTMENT OF AGRICULTURE (LAND USE)

SOIL INTERPREATATION OF RESULTS

Sono Smart Link Technology Myanmar Co.,Ltd (10.7.2020)

Division - Yangon

Township South Dagon

Sheet No. 1

Sr No. S 1/ 19-20

Sr No.	Sample	pH Soil:Water 1:2.5	Texture	Organic Carbon	Total N	Exchangeable Cations			Available Nutrients	
						Ca++	Mg++	K^+	P	K_2O
1	Sample	Slightly alkaline	Sandy Clay Loam	Very low	Low	High	Medium	High	High	High

လက်ထောက်ညွှန်ကြားရေးမှူး (ကိုယ်စား)

(သက်စုစုလှိုင်ဦးစီးအရာရှိ)

မြေအသုံးချရေးဌာနခွဲ

APPENDIX 3

Director List

Director List

No.	Name of Shareholder	Citizenship	Passport	$ccqdrr#
1.	Dongguan Sonor Industrial Investment Co., Ltd.	China	914419000735342 81J	No.3, Gaoli Industrial Zone, Gaiku 6th Road, Qinghutou Community, Tangxia Town, Dongguan City, China.
2.	E & C Smart Link Technology Co., Limited	Hong Kong	2472156	Flat/RM 803, Chevalier House, 45-51 Chatham Road, South Tsim Sha Tsui, Hong Kong, China
	Director			
1.	Ms. Bai Sha	Chinese	E56586731	Building 4, Lejing Garden, Donghuan Road 405, Longhua District, Shenzhen, Guangdong, China
2.	Mr. Hu Shengqi	Chinese	EF0540861	No. 10, Gaoxin South, Nanshan District, Shenzhen, Guangdong, China
3.	Mr. Ren Liming	Chinese	G55116732	10B, Unit 1, Building 8, Chunhua Four Seasons Park, Minkang Road, Baoan District, Shenzhen Guang dong, China
4.	Mr. Zhonglei	Chinese	G47750330	501, Building 1, Jinlong Road, Xinyuan East District, Humen Town, Dongguan, Guangdong, China

APPENDIX 4

Certificate of Incorporation

ကုမ္ပဏီမှတ်ပုံတင်လက်မှတ်

Certificate of Incorporation

SONO SMART LINK TECHNOLOGY (MYANMAR) CO., LTD
Company Registration No. 120841505

မြန်မာနိုင်ငံကုမ္ပဏီများဥပဒေ၂၀၁၇ အရ
SONO SMART LINK TECHNOLOGY (MYANMAR) CO., LTD
အား ၂၀၁၉ ခုနှစ် ဇွန်လ ၁၇ ရက်နေ့တွင်
အစုရှယ်ယာအားဖြင့် တာဝန်ကန့်သတ်ထား သည့် အများနှင့်မသက်ဆိုင်သောကုမ္ပဏီ
အဖြစ် ဖွဲ့စည်းမှတ်ပုံတင်ခွင့်ပြုလိုက်သည်။

This is to certify that
SONO SMART LINK TECHNOLOGY (MYANMAR) CO., LTD
was incorporated under the Myanmar Companies Law 2017 on 17 June 2019 as a Private Company Limited by Shares.

ကုမ္ပဏီမှတ်ပုံတင်အရာရှိ
Registrar of Companies
ရင်းနှီးမြှုပ်နှံမှုနှင့်ကုမ္ပဏီများညွှန်ကြားမှုဦးစီးဌာန
Directorate of Investment and Company Administration

COMPANY PROFILE

+ NEW FILING | ORDER DOCUMENTS | PRINT CERTIFICATE

Company Name (English)	Company Name (Myanmar)	Registration Number	Registration Date
SONO SMART LINK TECHNOLOGY (MYANMAR) CO., LTD		120841505	17/06/2019

Company Type	Status	Foreign Company	Small Company
Private Company Limited by Shares	Registered	Yes	-

FILING HISTORY | ADDRESSES | OFFICERS | SHAREHOLDINGS | COMPANY AUTHORITY | MEMBERS | DOCUMENTS

Document No.	Form/Filing Type	Filing Date	Effective Date
13303010011	A-1 - Application for incorporation as a private company limited by shares	17/06/2019	17/06/2019

FILING HISTORY | ADDRESSES | OFFICERS | SHAREHOLDINGS | COMPANY AUTHORITY | MEMBERS | DOCUMENTS

Type	Address	Effective Date
Principal Place Of Business In Union		17/06/2019
Registered Office In Union	MYAY TAING BLOCK NO. 143/1 PLOT NO.5 SOUTH DAGON MYO THIT TOWNSHIP, YANGON REGION, Myanmar	17/06/2019

FILING HISTORY | ADDRESSES | OFFICERS | SHAREHOLDINGS | COMPANY AUTHORITY | MEMBERS | DOCUMENTS

Name	Type	Nationality	N.R.C. (For Myanmar Citizens)	Effective Date
BAI SHA	Director	China	E56586731	17/06/2019
HU SHENGQI	Director	China	EF0540861	17/06/2019
REN LIMING	Director	China	G55116732	17/06/2019
ZHONG LEI	Director	China	G47750330	17/06/2019

Officer Details

Officer Type
Director

Appointment Date
17/06/2019

Effective Date
17/06/2019

Full Name in English
BAI SHA

Former Name in English

Full Name in Myanmar

Former Name in Myanmar

Nationality
China

N.R.C (for Myanmar citizens)/Passport(for foreign individuals)
E56586731

Other Nationalities, if applicable

Business Occupation

Gender
Female

Date of Birth
08/06/1982

Phone number
+86 18938078382

Email address
sandy@ecplink.com

Address
LEJING GARDEN, DONGHUAN ROAD
405, BUILDING 4
LONGHUA DISTRICT, SHENZHEN,
GUANGDONG, China

Officer Details

Officer Type
Director

Appointment Date
17/06/2019

Effective Date
17/06/2019

Full Name in English
HU SHENGQI

Former Name in English

Full Name in Myanmar

Former Name in Myanmar

Nationality
China

N.R.C (for Myanmar citizens)/Passport(for foreign individuals)
EF0540861

Other Nationalities, if applicable

Business Occupation

Gender
Male

Date of Birth
10/10/1984

Phone number
+86 13427966567

Email address
rd@ecplink.com

Address
GAOXIN SOUTH
NO. 10
NANSHAN DISTRICT, SHENZHEN,
GUANGDONG, China

Officer Details

Officer Type
Director

Appointment Date
17/06/2019

Effective Date
17/06/2019

Full Name in English
REN LIMING

Former Name in English

Full Name in Myanmar

Former Name in Myanmar

Nationality
China

N.R.C (for Myanmar citizens)/Passport(for foreign individuals)
G55116732

Other Nationalities, if applicable

Business Occupation

Gender
Male

Date of Birth
11/05/1971

Phone number
+86 13510391108

Email address
lioren@ecplink.com

Address
CHUNHUA FOUR SEASONS PARK,
MINKANG ROAD
10B, UNIT 1, BUILDING 8
BAOAN DISTRICT, SHENZHEN,
GUANGDONG, China

Officer Details

Officer Type
Director

Appointment Date
17/06/2019

Effective Date
17/06/2019

Full Name in English
ZHONG LEI

Former Name in English

Full Name in Myanmar

Former Name in Myanmar

Nationality
China

N.R.C (for Myanmar citizens)/Passport(for foreign individuals)
G47750330

Other Nationalities, if applicable

Business Occupation

Gender
Male

Date of Birth
30/03/1979

Phone number
+86 13686078658

Email address
stephench8@163.com

Address
JINLONG ROAD
501, BUILDING 1
XINYUAN EAST DISTRICT, HUMEN TOWN,
DONGGUAN, GUANGDONG, China

FILING HISTORY | ADDRESSES | OFFICERS | SHAREHOLDINGS | COMPANY AUTHORITY | MEMBERS | DOCUMENTS

Total Shares Issued by Company
15000

Currency of Share Capital
USD

ULTIMATE HOLDING COMPANY

Company Name	Registration Number	Jurisdiction of Incorporation

SHARE CAPITAL STRUCTURE

Share Class	Class Title	Total No. Shares	Total Amount Paid	Total Amount Unpaid
ORD	Ordinary	15,000	1,000	149,000

FILING HISTORY | ADDRESSES | OFFICERS | SHAREHOLDINGS | COMPANY AUTHORITY | MEMBERS | DOCUMENTS

Account Number	Account Name	Status	Request Date	Authority Start Date	Authority End Date	
113282183	SONO SMART LINK TECHNOLOGY (MYANMAR) CO., LTD	Active	14/06/2019	14/06/2019		Revoke

FILING HISTORY | ADDRESSES | OFFICERS | SHAREHOLDINGS | COMPANY AUTHORITY | MEMBERS | DOCUMENTS

Individual Members

Name	Nationality	N.R.C / Passport Number

Corporate Members

Name	Registration Number	Jurisdiction Of Incorporation
DONGGUAN SONOR INDUSTRIAL INVESTMENT CO., LTD.	914419000735342811J	China
E & C SMART LINK TECHNOLOGY CO., LIMITED	2472156	Hong Kong

FILING HISTORY | ADDRESSES | OFFICERS | SHAREHOLDINGS | COMPANY AUTHORITY | MEMBERS | DOCUMENTS

	Type	Form	Date
	Copy of Officers ID's	A-1 - Application for incorporation as a private company limited by shares	17/06/2019
	Certificate of Incorporation	A-1 - Application for incorporation as a private company limited by shares	17/06/2019

Member Details

Company Name

DONGGUAN SONOR INDUSTRIAL INVESTMENT CO., LTD.

Registration Number

91441900073534281J

Jurisdiction Of Incorporation

China

Address

GAOLI 6TH ROAD
NO.3, GAOLI INDUSTRIAL ZONE
QINGHUTOU COMMUNITY, TANGXIA
TOWN, DONGGUAN CITY, China

Shareholdings

Share Class	Class Description	Total No. Shares	Total Amount Paid	Total Amount Unpaid
ORD	Ordinary	750	50	7,450

Member Details

Company Name

E & C SMART LINK TECHNOLOGY CO., LIMITED

Registration Number

2472156

Jurisdiction Of Incorporation

Hong Kong

Address

CHEVALIER HOUSE, 45-51 CHATHAM
ROAD
FLAT/RM 803
SOUTH TSIM SHA TSUI, HONG KONG,
China

Shareholdings

Share Class	Class Description	Total No. Shares	Total Amount Paid	Total Amount Unpaid
ORD	Ordinary	14,250	950	141,550

APPENDIX 5

Factory Accessories/Operating Machinery

Sono Smart Link Technology (Myanmar) Co., Ltd

Factory Accessories/Operating Machinery (To Be Imported)

Brand New

No	Description	HS Code	Unit	Qty	Unit Price (US$)	Total Price (US$)
1	Vertical molding machine	8477	Set	18	3,800	68,400
2	Automatic welding machine	8515	Set	8	3,500	28,000
3	Electrical test machine	9030	Set	10	500	5,000
4	Assembly line	8479	Pcs	7	2,500	17,500
5	Glue machine	8479	Set	2	500	1,000
6	Pneumatic stripping machine	8479	Set	1	200	200
7	Automatic wire stripper	8203	Set	1	1,200	1,200
8	Thermostatic soldering iron	8515	Set	20	100	2,000
9	Ultrasonic welding machine	8515	Set	2	1,200	2,400
10	Power aging cabinet	8514	Set	2	6,000	12,000
11	Swing test machine	9031	Set	1	500	500
	P.T.O					**138,200**

Sono Smart Link Technology (Myanmar) Co., Ltd

Factory Accessories/Operating Machinery (To Be Imported)

Brand New

No	Description	HS Code	Unit	Qty	Unit Price (US$)	Total Price (US$)
	B/F					**138,200**
12	Salt spray test machine	9031	Set	1	500	500
13	Automatic sealing machine	8422	Set	4	1,200	4,800
14	Haba welding machine	8515	Set	2	7,000	14,000
15	Semi-automatic preprocessor	8479	Set	1	9,000	9,000
16	Load-bearing shelf	9403	Pcs	12	1,000	12,000
17	Headphone test machine	9024	Set	1	1,000	1,000
18	Electric pusher	8448	Set	1	3,000	3,000
19	Web server	8471	Set	1	1,500	1,500
20	Laser welding machine	8515	Set	1	6,000	6,000
	Total (US$)					**190,000**
	Total US$ in millions					**0.190**

အထက်ဖော်ပြပါ စက်ပစ္စည်းများသည် စက်ရုံအတွက် မရှိမဖြစ်လိုအပ်ပါသဖြင့် တင်သွင်းရခြင်းဖြစ်ပါသည်။
စက်ပစ္စည်းများ တရုတ်နိုင်ငံမှ တင်သွင်းမည်ဖြစ်ပါသည်။
Exchange Rate 1 USD = 1,510.7 MMK (4.7.2019)

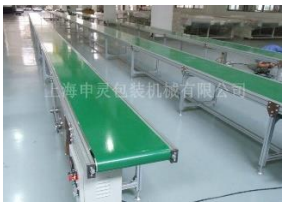
Sono Smart Link Technology (Myanmar) Co., Ltd

Machine Photos

Vertical molding machine

Automatic welding machine

Electrical test machine



Assembly line

Glue machine

Pneumatic stripping machine

Automatic wire stripper

Thermostatic soldering iron

Ultrasonic welding Machine

Power aging cabinet

Swing test machine

Salt spray test machine

Automatic sealing machine

Haba welding machine

Semi-automatic preprocessor

Load-bearing shelf

Headphone test machine

Electric pusher

Laser welding machine

APPENDIX 6

Raw Material Requirement

Sono Smart Link Technology (Myanmar) Co., Ltd

Raw Material Requirement For 1 Pc (Norm) Pg 1

No	Particular	Unit	Micro USB Cable Assembly, Plastic Overmold	Micro USB Cable Assembly, ABS Housing Plug	Micro USB Cable Assembly, Metal Housing Plug	Lightning to USB A Cable Assembly, metal housing plug	Lightning to USB A Cable Assembly, ABS housing plug	USB A to Type C Cable Assembly 1	USB A to Type C Cable Assembly 2	USB Type C Cable Assembly 1
1	Data CABLE	Pcs	1	1	1	1	1	1	1	1
2	USB type A connector	Pcs	1	1	1	1	1	1	1	0
3	USB Micro B connector	Pcs	1	1	1	0	0	0	0	0
4	Solder wire	g	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
5	PP for Inner Molding	g	0.006	0	0	0	0	0.005	0	0.006
6	Metal Shield for USB Micro B	Pcs	1	0	0	0	0	0	0	0
7	Metal Shield for USB Type A	Pcs	1	0	0	0	0	0	0	0
8	PVC Overmold	g	0.008	0.008	0.008	0.008	0.008	0.008	0	0
9	Cable tie	Pcs	1	1	1	1	1	1	0	1
10	PE bag	Pcs	1	0	1	1	1	1	0	1
11	Stickers	Pcs	1	0	1	1	1	0	0	0
12	Labels	Pcs	1	1	1	1	1	0	0	0
13	Unit box	Pcs	1	1	1	1	1	0	0	0
14	Cartons	Pcs	1	1	1	1	1	1	1	1
15	Toolings	Set	1	1	1	1	1	0	0	0

Sono Smart Link Technology (Myanmar) Co., Ltd

Raw Material Requirement For 1 Pc (Norm) Pg 2

No	Particular	Unit	Micro USB Cable Assembly, Plastic Overmold	Micro USB Cable Assembly, ABS Housing Plug	Micro USB Cable Assembly, Metal Housing Plug	Lightning to USB A Cable Assembly, metal housing plug	Lightning to USB A Cable Assembly, ABS housing plug	USB A to Type C Cable Assembly 1	USB A to Type C Cable Assembly 2	USB Type C Cable Assembly 1
16	PE for Inner Molding	g	0	0.006	0.006	0.006	0.006	0	0.005	0
17	Copper Mylar	mm	0	20	20	20	20	0	0	0
18	ABS housing for USB Type A	Pcs	0	1	0	0	1	0	0	0
19	ABS housing for USB Mircro B	Pcs	0	1	0	0	1	0	0	0
20	Blisters	Pcs	0	1	1	1	1	0	1	0
21	Inner box	Pcs	0	1	0	0	0	0	0	0
22	Metal housing for USB Type A	Pcs	0	0	1	1	0	0	1	0
23	Metal housing for USB Mircro B	Pcs	0	0	1	1	0	0	0	0
24	USB Type C To Type C Cable	Pcs	0	0	0	0	0	0	0	0
25	Lightning connector with PCBA	Pcs	0	0	0	1	1	0	0	0
26	Bridge board	Pcs	0	0	0	1	0	0	0	0
27	USB Type c connector	Pcs	0	0	0	0	0	1	1	1
28	Toolings for USB Type A	Set	0	0	0	0	0	1	1	0
29	Toolings for USB Type C	set	0	0	0	0	0	1	1	1
30	Color Box	pcs	0	0	0	0	0	1	1	1

Sono Smart Link Technology (Myanmar) Co., Ltd

Raw Material Requirement For 1 Pc (Norm) Pg 3

No	Particular	Unit	Micro USB Cable Assembly, Plastic Overmold	Micro USB Cable Assembly, ABS Housing Plug	Micro USB Cable Assembly, Metal Housing Plug	Lightning to USB A Cable Assembly, metal housing plug	Lightning to USB A Cable Assembly, ABS housing plug	USB A to Type C Cable Assembly 1	USB A to Type C Cable Assembly 2	USB Type C Cable Assembly 1
31	Paper tray	pcs	0	0	0	0	0	1	0	0
32	Paper board	pcs	0	0	0	0	0	1	0	1
33	TPE Overmold	g	0	0	0	0	0	0	0.008	0.008
34	Metal Shield for USB Type C	pcs	0	0	0	0	0	0	1	1
35	USB type A aluminum case	pcs	0	0	0	0	0	0	1	0
36	USB type C aluminum case	pcs	0	0	0	0	0	0	1	1
37	Hook	pcs	0	0	0	0	0	0	1	0
38	Rubber ring	pcs	0	0	0	0	0	0	1	0
39	Paper Card	pcs	0	0	0	0	0	0	0	1
40	ABS housing for USB Type C	pcs	0	0	0	0	0	0	0	0
41	Magic tie	pcs	0	0	0	0	0	0	0	0
42	Magic tie	pcs	0	0	0	0	0	0	0	0
43	Brown paper board	pcs	0	0	0	0	0	0	0	0
44	Lightnng connector	pcs	0	0	0	0	0	0	0	0
45	Raw Cable	pcs	0	0	0	0	0	0	0	0

Sono Smart Link Technology (Myanmar) Co., Ltd

Raw Material Requirement For 1 Pc (Norm) Pg 4

No	Particular	Unit	Micro USB Cable Assembly, Plastic Overmold	Micro USB Cable Assembly, ABS Housing Plug	Micro USB Cable Assembly, Metal Housing Plug	Lightning to USB A Cable Assembly, metal housing plug	Lightning to USB A Cable Assembly, ABS housing plug	USB A to Type C Cable Assembly 1	USB A to Type C Cable Assembly 2	USB Type C Cable Assembly 1
46	PP plastic material	kg	0	0	0	0	0	0	0	0
47	PE plastic material	kg	0	0	0	0	0	0	0	0
48	PVC plastic material	kg	0	0	0	0	0	0	0	0
49	TPE plastic material	kg	0	0	0	0	0	0	0	0
50	Metal shield chass	pcs	0	0	0	0	0	0	0	0
51	Sticker, round	pcs	0	0	0	0	0	0	0	0
52	Plastic hook #	pcs	0	0	0	0	0	0	0	0
53	Plastic hook #	pcs	0	0	0	0	0	0	0	0
54	Brown Board	pcs	0	0	0	0	0	0	0	0
55	Paper bracket	pcs	0	0	0	0	0	0	0	0
56	USB Type C connector with PCBA	pcs	0	0	0	0	0	0	0	0
57	Metal housing for TYPE C	pcs	0	0	0	0	0	0	0	0
58	Metal housing for Lighting	pcs	0	0	0	0	0	0	0	0
59	HDMI connector, with PCB	pcs	0	0	0	0	0	0	0	0
60	Cable, multy wires	pcs	0	0	0	0	0	0	0	0

Sono Smart Link Technology (Myanmar) Co., Ltd

Raw Material Requirement For 1 Pc (Norm) Pg 5

No	Particular	Unit	Micro USB Cable Assembly, Plastic Overmold	Micro USB Cable Assembly, ABS Housing Plug	Micro USB Cable Assembly, Metal Housing Plug	Lightning to USB A Cable Assembly, metal housing plug	Lightning to USB A Cable Assembly, ABS housing plug	USB A to Type C Cable Assembly 1	USB A to Type C Cable Assembly 2	USB Type C Cable Assembly 1
61	USB Type C metal housing	pcs	0	0	0	0	0	0	0	0
62	HDMI metal housing	pcs	0	0	0	0	0	0	0	0
63	Type C wire comb,plastic	pcs	0	0	0	0	0	0	0	0
64	HDMI wire comb, plastic	pcs	0	0	0	0	0	0	0	0
65	Multiple wires	pcs	0	0	0	0	0	0	0	0
66	Type C wire comb	pcs	0	0	0	0	0	0	0	0
67	USB Type C TO Lightning Cable Assembly	pcs	0	0	0	0	0	0	0	0
68	Charger	pcs	0	0	0	0	0	0	0	0
69	USB Type A TO Type C Cable Assembly	pcs	0	0	0	0	0	0	0	0
70	USB Type A TO Lightning Cable Assembly	pcs	0	0	0	0	0	0	0	0
71	Car charger	pcs	0	0	0	0	0	0	0	0
72	PCBA	pcs	0	0	0	0	0	0	0	0
73	Cable	pcs	0	0	0	0	0	0	0	0
74	USB Type A to USB Micro B cable assembly	pcs	0	0	0	0	0	0	0	0
75	ABS Housing	pcs	0	0	0	0	0	0	0	0

Sono Smart Link Technology (Myanmar) Co., Ltd

Raw Material Requirement For 1 Pc (Norm) Pg 6

No	Particular	Unit	Micro USB Cable Assembly, Plastic Overmold	Micro USB Cable Assembly, ABS Housing Plug	Micro USB Cable Assembly, Metal Housing Plug	Lightning to USB A Cable Assembly, metal housing plug	Lightning to USB A Cable Assembly, ABS housing plug	USB A to Type C Cable Assembly 1	USB A to Type C Cable Assembly 2	USB Type C Cable Assembly 1
76	Metal Pin Connector	pcs	0	0	0	0	0	0	0	0
77	Ultra Sound Seal Toolings	set	0	0	0	0	0	0	0	0
78	User manuals	pcs	0	0	0	0	0	0	0	0
79	Switch	pcs	0	0	0	0	0	0	0	0
80	Battery	pcs	0	0	0	0	0	0	0	0
81	Screws	pcs	0	0	0	0	0	0	0	0
82	Aluminum chassis	pcs	0	0	0	0	0	0	0	0
83	Coil	pcs	0	0	0	0	0	0	0	0
84	Springs	pcs	0	0	0	0	0	0	0	0
85	Metal springs	pcs	0	0	0	0	0	0	0	0
86	Metal cover	pcs	0	0	0	0	0	0	0	0
87	Mic	pcs	0	0	0	0	0	0	0	0
88	Speaker	pcs	0	0	0	0	0	0	0	0
89	Lightning connector	pcs	0	0	0	0	0	0	0	0
90	3.5 mm Phone plug	pcs	0	0	0	0	0	0	0	0

Sono Smart Link Technology (Myanmar) Co., Ltd

Raw Material Requirement For 1 Pc (Norm) Pg 7

No	Particular	Unit	USB Type C Cable Assembly 2	C TO Lightning Cable Assembly,over mold	USB C TO Lightning Cable Assembly, metal housing	USB Type C to HDMI Cable Assembly	Multiple wires	USB Type C TO Lightning Cable Assembly,with Charger	USB Type A to Type C cable assembly, with car charger	USB Type A to Lightning Cable with charger
1	Data CABLE	Pcs	1	0	0	0	0	0	0	0
2	USB type A connector	Pcs	0	0	0	0	0	0	0	0
3	USB Micro B connector	Pcs	0	0	0	0	0	0	0	0
4	Solder wire	g	0.005	0	0	0	0	0	0	0
5	PP for Inner Molding	g	0	0	0	0	0	0	0	0
6	Metal Shield for USB Micro B	Pcs	0	0	0	0	0	0	0	0
7	Metal Shield for USB Type A	Pcs	0	0	0	0	0	0	0	0
8	PVC Overmold	g	0.008	0	0	0	0	0	0	0
9	Cable tie	Pcs	0	1	0	1	1	0	0	0
10	PE bag	Pcs	1	1	1	0	0	1	1	1
11	Stickers	Pcs	0	0	0	1	1	1	1	1
12	Labels	Pcs	0	0	0	1	1	1	1	1
13	Unit box	Pcs	0	0	0	0	1	1	1	1
14	Cartons	Pcs	1	1	1	1	1	1	1	1
15	Toolings	Set	0	1	0	1	1	0	0	0

Sono Smart Link Technology (Myanmar) Co., Ltd

Raw Material Requirement For 1 Pc (Norm) Pg 8

No	Particular	Unit	USB Type C Cable Assembly 2	C TO Lightning Cable Assembly,over mold	USB C TO Lightning Cable Assembly, metal housing	USB Type C to HDMI Cable Assembly	Multiple wires	USB Type C TO Lightning Cable Assembly,with Charger	USB Type A to Type C cable assembly, with car charger	USB Type A to Lightning Cable with charger
16	PE for Inner Molding	g	0.006	0	0	0	0	0	0	0
17	Copper Mylar	mm	0	0	0	0	0	0	0	0
18	ABS housing for USB Type A	Pcs	0	0	0	0	0	0	0	0
19	ABS housing for USB Mircro B	Pcs	0	0	0	0	0	0	0	0
20	Blisters	Pcs	1	1	1	0	0	1	1	1
21	Inner box	Pcs	0	0	0	0	0	0	0	0
22	Metal housing for USB Type A	Pcs	0	0	0	0	0	0	0	0
23	Metal housing for USB Mircro B	Pcs	0	0	0	0	0	0	0	0
24	USB Type C To Type C Cable	Pcs	0	0	0	0	0	0	0	0
25	Lightning connector with PCBA	Pcs	0	0	0	0	0	0	0	0
26	Bridge board	Pcs	0	0	0	0	0	0	0	0
27	USB Type c connector	Pcs	1	1	1	0	0	0	0	0
28	Toolings for USB Type A	Set	0	0	0	0	0	0	0	0
29	Toolings for USB Type C	set	1	0	0	0	0	0	0	0
30	Color Box	pcs	1	1	1	0	0	0	0	0

Sono Smart Link Technology (Myanmar) Co., Ltd

Raw Material Requirement For 1 Pc (Norm) Pg 9

No	Particular	Unit	USB Type C Cable Assembly 2	C TO Lightning Cable Assembly,over mold	USB C TO Lightning Cable Assembly, metal housing	USB Type C to HDMI Cable Assembly	Multiple wires	USB Type C TO Lightning Cable Assembly,with Charger	USB Type A to Type C cable assembly, with car charger	USB Type A to Lightning Cable with charger
31	Paper tray	pcs	0	1	1	0	0	1	1	1
32	Paper board	pcs	0	0	0	0	0	0	0	0
33	TPE Overmold	g	0	0	0	0	0	0	0	0
34	Metal Shield for USB Type C	pcs	1	0	0	0	0	0	0	0
35	USB type A aluminum case	pcs	0	0	0	0	0	0	0	0
36	USB type C aluminum case	pcs	0	0	0	0	0	0	0	0
37	Hook	pcs	1	0	0	0	0	0	0	0
38	Rubber ring	pcs	0	0	0	0	0	0	0	0
39	Paper Card	pcs	1	1	1	0	0	0	0	0
40	ABS housing for USB Type C	pcs	1	0	0	0	0	0	0	0
41	Magic tie	pcs	1	0	0	0	0	0	0	0
42	Magic tie	pcs	1	0	0	0	0	0	0	0
43	Brown paper board	pcs	1	0	0	0	0	0	0	0
44	Lightnng connector	pcs	0	1	1	0	0	0	0	0
45	Raw Cable	pcs	0	1	1	0	0	0	0	0

Sono Smart Link Technology (Myanmar) Co., Ltd

Raw Material Requirement For 1 Pc (Norm) Pg 10

No	Particular	Unit	USB Type C Cable Assembly 2	C TO Lightning Cable Assembly,over mold	USB C TO Lightning Cable Assembly, metal housing	USB Type C to HDMI Cable Assembly	Multiple wires	USB Type C TO Lightning Cable Assembly,with Charger	USB Type A to Type C cable assembly, with car charger	USB Type A to Lightning Cable with charger
46	PP plastic material	kg	0	0.005	0.005	0.005	0.005	0	0	0
47	PE plastic material	kg	0	0.006	0.006	0.006	0.006	0	0	0
48	PVC plastic material	kg	0	0.008	0.008	0.008	0.008	0	0	0
49	TPE plastic material	kg	0	0.009	0.009	0.009	0.009	0	0	0
50	Metal shield chass	pcs	0	1	1	1	1	0	0	0
51	Sticker, round	pcs	0	1	1	0	0	0	0	0
52	Plastic hook #	pcs	0	1	1	0	0	1	1	1
53	Plastic hook #	pcs	0	1	1	0	0	0	0	0
54	Brown Board	pcs	0	1	1	1	1	1	1	1
55	Paper bracket	pcs	0	1	1	0	0	0	0	0
56	USB Type C connector with PCBA	pcs	0	0	0	1	1	0	0	0
57	Metal housing for TYPE C	pcs	0	0	1	0	0	0	0	0
58	Metal housing for Lighting	pcs	0	0	1	0	0	0	0	0
59	HDMI connector, with PCB	pcs	0	0	0	1	0	0	0	0
60	Cable, multy wires	pcs	0	0	0	1	0	0	0	0

Sono Smart Link Technology (Myanmar) Co., Ltd

Raw Material Requirement For 1 Pc (Norm) Pg 11

No	Particular	Unit	USB Type C Cable Assembly 2	C TO Lightning Cable Assembly,over mold	USB C TO Lightning Cable Assembly, metal housing	USB Type C to HDMI Cable Assembly	Multiple wires	USB Type C TO Lightning Cable Assembly,with Charger	USB Type A to Type C cable assembly, with car charger	USB Type A to Lightning Cable with charger
61	USB Type C metal housing	pcs	0	0	0	1	0	0	0	0
62	HDMI metal housing	pcs	0	0	0	1	0	0	0	0
63	Type C wire comb,plastic	pcs	0	0	0	1	0	0	0	0
64	HDMI wire comb, plastic	pcs	0	0	0	1	0	0	0	0
65	Multiple wires	pcs	0	0	0	0	1	0	0	0
66	Type C wire comb	pcs	0	0	0	0	1	0	0	0
67	USB Type C TO Lightning Cable Assembly	pcs	0	0	0	0	0	1	0	0
68	Charger	pcs	0	0	0	0	0	1	1	1
69	USB Type A TO Type C Cable Assembly	pcs	0	0	0	0	0	0	1	0
70	USB Type A TO Lightning Cable Assembly	pcs	0	0	0	0	0	0	0	1
71	Car charger	pcs	0	0	0	0	0	0	0	0
72	PCBA	pcs	0	0	0	0	0	0	0	0
73	Cable	pcs	0	0	0	0	0	0	0	0
74	USB Type A to USB Micro B cable assembly	pcs	0	0	0	0	0	0	0	0
75	ABS Housing	pcs	0	0	0	0	0	0	0	0

Sono Smart Link Technology (Myanmar) Co., Ltd

Raw Material Requirement For 1 Pc (Norm) Pg 12

No	Particular	Unit	USB Type C Cable Assembly 2	C TO Lightning Cable Assembly,over mold	USB C TO Lightning Cable Assembly, metal housing	USB Type C to HDMI Cable Assembly	Multiple wires	USB Type C TO Lightning Cable Assembly,with Charger	USB Type A to Type C cable assembly, with car charger	USB Type A to Lightning Cable with charger
76	Metal Pin Connector	pcs	0	0	0	0	0	0	0	0
77	Ultra Sound Seal Toolings	set	0	0	0	0	0	0	0	0
78	User manuals	pcs	0	0	0	0	1	0	0	0
79	Switch	pcs	0	0	0	0	0	0	0	0
80	Battery	pcs	0	0	0	0	0	0	0	0
81	Screws	pcs	0	0	0	0	0	0	0	0
82	Aluminum chassis	pcs	0	0	0	0	0	0	0	0
83	Coil	pcs	0	0	0	0	0	0	0	0
84	Springs	pcs	0	0	0	0	0	0	0	0
85	Metal springs	pcs	0	0	0	0	0	0	0	0
86	Metal cover	pcs	0	0	0	0	0	0	0	0
87	Mic	pcs	0	0	0	0	0	0	0	0
88	Speaker	pcs	0	0	0	0	0	0	0	0
89	Lightning connector	pcs	0	0	0	0	0	0	0	0
90	3.5 mm Phone plug	pcs	0	0	0	0	0	0	0	0

Sono Smart Link Technology (Myanmar) Co., Ltd

Raw Material Requirement For 1 Pc (Norm) Pg 13

No	Particular	Unit	USB Type C to Type C Cable Assembly with Car Charger	USB Type A to USB Micro B cable assembly with Charger	Wall Charger	Power bank	Wireless charger	Car Charger	Headset	Adapter
1	Data CABLE	Pcs	0	0	0	0	0	0	0	0
2	USB type A connector	Pcs	0	0	0	0	0	0	0	0
3	USB Micro B connector	Pcs	0	0	0	0	0	0	0	0
4	Solder wire	g	0	0	0	0	0	0	0	0
5	PP for Inner Molding	g	0	0	0	0	0	0	0	0
6	Metal Shield for USB Micro B	Pcs	0	0	0	0	0	0	0	0
7	Metal Shield for USB Type A	Pcs	0	0	0	0	0	0	0	0
8	PVC Overmold	g	0	0	0	0	0	0	0	0
9	Cable tie	Pcs	0	0	1	1	0	0	0	0
10	PE bag	Pcs	1	1	1	1	1	1	1	1
11	Stickers	Pcs	1	1	1	1	1	1	1	1
12	Labels	Pcs	1	1	1	1	1	1	1	1
13	Unit box	Pcs	1	1	0	0	0	0	0	0
14	Cartons	Pcs	1	1	1	1	1	1	1	1
15	Toolings	Set	0	0	2	1	1	1	1	1

Sono Smart Link Technology (Myanmar) Co., Ltd

Raw Material Requirement For 1 Pc (Norm) Pg 14

No	Particular	Unit	USB Type C to Type C Cable Assembly with Car Charger	USB Type A to USB Micro B cable assembly with Charger	Wall Charger	Power bank	Wireless charger	Car Charger	Headset	Adapter
16	PE for Inner Molding	g	0	0	0	0	0	0	0	0
17	Copper Mylar	mm	0	0	0	0	0	0	0	0
18	ABS housing for USB Type A	Pcs	0	0	0	0	0	0	0	0
19	ABS housing for USB Mircro B	Pcs	0	0	0	0	0	0	0	0
20	Blisters	Pcs	1	1	1	1	0	0	0	0
21	Inner box	Pcs	0	0	0	0	0	0	0	0
22	Metal housing for USB Type A	Pcs	0	0	0	0	0	0	0	0
23	Metal housing for USB Mircro B	Pcs	0	0	0	0	0	0	0	0
24	USB Type C To Type C Cable	Pcs	1	0	0	0	0	0	0	0
25	Lightning connector with PCBA	Pcs	0	0	0	0	0	0	0	0
26	Bridge board	Pcs	0	0	0	0	0	0	0	0
27	USB Type c connector	Pcs	0	0	0	0	0	0	0	0
28	Toolings for USB Type A	Set	0	0	0	0	0	0	0	0
29	Toolings for USB Type C	set	0	0	0	0	0	0	0	0
30	Color Box	pcs	0	0	0	0	0	0	0	0

Sono Smart Link Technology (Myanmar) Co., Ltd

Raw Material Requirement For 1 Pc (Norm) Pg 15

No	Particular	Unit	USB Type C to Type C Cable Assembly with Car Charger	USB Type A to USB Micro B cable assembly with Charger	Wall Charger	Power bank	Wireless charger	Car Charger	Headset	Adapter
31	Paper tray	pcs	1	1	0	0	0	0	0	0
32	Paper board	pcs	0	0	0	0	0	0	0	0
33	TPE Overmold	g	0	0	0	0	0	0	0	0
34	Metal Shield for USB Type C	pcs	0	0	0	0	0	0	0	0
35	USB type A aluminum case	pcs	0	0	0	0	0	0	0	0
36	USB type C aluminum case	pcs	0	0	0	0	0	0	0	0
37	Hook	pcs	0	0	0	0	0	0	0	0
38	Rubber ring	pcs	0	0	0	0	0	0	0	0
39	Paper Card	pcs	0	0	0	0	0	0	0	0
40	ABS housing for USB Type C	pcs	0	0	0	0	0	0	0	0
41	Magic tie	pcs	0	0	0	0	0	0	0	0
42	Magic tie	pcs	0	0	0	0	0	0	0	0
43	Brown paper board	pcs	0	0	0	0	0	0	0	0
44	Lightnng connector	pcs	0	0	0	0	0	0	0	0
45	Raw Cable	pcs	0	0	0	0	0	0	0	0

Sono Smart Link Technology (Myanmar) Co., Ltd

Raw Material Requirement For 1 Pc (Norm) Pg 16

No	Particular	Unit	USB Type C to Type C Cable Assembly with Car Charger	USB Type A to USB Micro B cable assembly with Charger	Wall Charger	Power bank	Wireless charger	Car Charger	Headset	Adapter
46	PP plastic material	kg	0	0	0	0	0	0	0	0
47	PE plastic material	kg	0	0	0	0	0	0	0	0
48	PVC plastic material	kg	0	0	0.06	0	0.05	0.05	0.05	0.05
49	TPE plastic material	kg	0	0	0	0	0	0	0	0
50	Metal shield chass	pcs	0	0	0	0	0	0	0	0
51	Sticker, round	pcs	0	0	0	0	0	0	0	0
52	Plastic hook #	pcs	0	0	0	0	0	0	0	0
53	Plastic hook #	pcs	1	1	0	0	0	0	0	0
54	Brown Board	pcs	1	1	0	0	0	0	0	0
55	Paper bracket	pcs	0	0	0	0	0	0	0	0
56	USB Type C connector with PCBA	pcs	0	0	0	0	0	0	0	0
57	Metal housing for TYPE C	pcs	0	0	0	0	0	0	0	0
58	Metal housing for Lighting	pcs	0	0	0	0	0	0	0	0
59	HDMI connector, with PCB	pcs	0	0	0	0	0	0	0	0
60	Cable, multy wires	pcs	0	0	0	0	0	0	0	0

Sono Smart Link Technology (Myanmar) Co., Ltd

Raw Material Requirement For 1 Pc (Norm) Pg 17

No	Particular	Unit	USB Type C to Type C Cable Assembly with Car Charger	USB Type A to USB Micro B cable assembly with Charger	Wall Charger	Power bank	Wireless charger	Car Charger	Headset	Adapter
61	USB Type C metal housing	pcs	0	0	0	0	0	0	0	0
62	HDMI metal housing	pcs	0	0	0	0	0	0	0	0
63	Type C wire comb,plastic	pcs	0	0	0	0	0	0	0	0
64	HDMI wire comb, plastic	pcs	0	0	0	0	0	0	0	0
65	Multiple wires	pcs	0	0	0	0	0	0	0	0
66	Type C wire comb	pcs	0	0	0	0	0	0	0	0
67	USB Type C TO Lightning Cable Assembly	pcs	0	0	0	0	0	0	0	0
68	Charger	pcs	0	1	0	0	0	0	0	0
69	USB Type A TO Type C Cable Assembly	pcs	0	0	0	0	0	0	0	0
70	USB Type A TO Lightning Cable Assembly	pcs	0	0	0	0	0	0	0	0
71	Car charger	pcs	1	0	0	0	0	0	0	0
72	PCBA	pcs	0	0	1	1	1	1	1	1
73	Cable	pcs	0	0	0	1	1	1	1	1
74	USB Type A to USB Micro B cable assembly	pcs	0	1	0	0	0	0	0	0
75	ABS Housing	pcs	0	0	1	1	1	1	1	1

Sono Smart Link Technology (Myanmar) Co., Ltd

Raw Material Requirement For 1 Pc (Norm) Pg 18

No	Particular	Unit	USB Type C to Type C Cable Assembly with Car Charger	USB Type A to USB Micro B cable assembly with Charger	Wall Charger	Power bank	Wireless charger	Car Charger	Headset	Adapter
76	Metal Pin Connector	pcs	0	0	1	0	0	0	0	0
77	Ultra Sound Seal Toolings	set	0	0	1	0	0	0	0	0
78	User manuals	pcs	0	0	1	1	1	1	1	1
79	Switch	pcs	0	0	0	1	0	0	0	0
80	Battery	pcs	0	0	0	1	1	0	0	0
81	Screws	pcs	0	0	0	1	1	0	0	0
82	Aluminum chassis	pcs	0	0	0	0	1	0	0	0
83	Coil	pcs	0	0	0	0	1	0	0	0
84	Springs	pcs	0	0	0	0	0	1	0	0
85	Metal springs	pcs	0	0	0	0	0	1	0	0
86	Metal cover	pcs	0	0	0	0	0	1	0	0
87	Mic	pcs	0	0	0	0	0	0	1	1
88	Speaker	pcs	0	0	0	0	0	0	1	1
89	Lightning connector	pcs	0	0	0	0	0	0	1	0
90	3.5 mm Phone plug	pcs	0	0	0	0	0	0	0	1

Sono Smart Link Technology (Myanmar) Co., Ltd

Annual Raw Material Requirement (Pg 1)

No	Particular	HS Code	Unit	Year - 1	Year - 2	Year -3	Year -4	Year -5	Year -6-10
1	Data CABLE	8544	Pcs	62,600,000	62,600,000	62,600,000	68,860,000	68,860,000	68,860,000
2	USB type A connector	8544	Pcs	58,600,000	58,600,000	58,600,000	64,460,000	64,460,000	64,460,000
3	USB Micro B connector	8536	Pcs	15,600,000	15,600,000	15,600,000	17,160,000	17,160,000	17,160,000
4	Solder wire	8311	g	313,000	313,000	313,000	344,300	344,300	344,300
5	PP for Inner Molding	8480	g	172,000	172,000	172,000	189,200	189,200	189,200
6	Metal Shield for USB Micro B	8473	Pcs	10,000,000	10,000,000	10,000,000	11,000,000	11,000,000	11,000,000
7	Metal Shield for USB Type A	7326	Pcs	10,000,000	10,000,000	10,000,000	11,000,000	11,000,000	11,000,000
8	PVC Overmold	8480	g	404,800	404,800	404,800	445,280	445,280	445,280
9	Cable tie	3926	Pcs	55,200,000	55,200,000	55,200,000	60,720,000	60,720,000	60,720,000
10	PE bag	3923	Pcs	74,300,000	74,300,000	74,300,000	81,730,000	81,730,000	81,730,000
11	Stickers	3919	Pcs	50,400,000	50,400,000	50,400,000	55,440,000	55,440,000	55,440,000
12	Labels	4821	Pcs	52,400,000	52,400,000	52,400,000	57,640,000	57,640,000	57,640,000
13	Unit box	8419	Pcs	39,300,000	39,300,000	39,300,000	43,230,000	43,230,000	43,230,000
14	Cartons	4819	Pcs	87,400,000	87,400,000	87,400,000	96,140,000	96,140,000	96,140,000
15	Toolings	8205	Set	45,200,000	45,200,000	45,200,000	49,720,000	49,720,000	49,720,000

Sono Smart Link Technology (Myanmar) Co., Ltd

Annual Raw Material Requirement (Pg 2)

No	Particular	HS Code	Unit	Year - 1	Year - 2	Year -3	Year -4	Year -5	Year -6-10
16	PE for Inner Molding	8480	g	173,600	173,600	173,600	190,960	190,960	190,960
17	Copper Mylar	8544	mm	372,000,000	372,000,000	372,000,000	409,200,000	409,200,000	409,200,000
18	ABS housing for USB Type A	8536	Pcs	5,000,000	5,000,000	5,000,000	5,500,000	5,500,000	5,500,000
19	ABS housing for USB Mircro B	8544	Pcs	5,000,000	5,000,000	5,000,000	5,500,000	5,500,000	5,500,000
20	Blisters	3923	Pcs	44,300,000	44,300,000	44,300,000	48,730,000	48,730,000	48,730,000
21	Inner box	4819	Pcs	2,000,000	2,000,000	2,000,000	2,200,000	2,200,000	2,200,000
22	Metal housing for USB Type A	8536	Pcs	23,600,000	23,600,000	23,600,000	25,960,000	25,960,000	25,960,000
23	Metal housing for USB Mircro B	8544	Pcs	13,600,000	13,600,000	13,600,000	14,960,000	14,960,000	14,960,000
24	USB Type C To Type C Cable	8536	Pcs	2,000,000	2,000,000	2,000,000	2,200,000	2,200,000	2,200,000
25	Lightning connector with PCBA	8543	Pcs	13,000,000	13,000,000	13,000,000	14,300,000	14,300,000	14,300,000
26	Bridge board	9031	Pcs	10,000,000	10,000,000	10,000,000	11,000,000	11,000,000	11,000,000
27	USB Type c connector	8536	Pcs	35,000,000	35,000,000	35,000,000	38,500,000	38,500,000	38,500,000
28	Toolings for USB Type A	9031	Set	30,000,000	30,000,000	30,000,000	33,000,000	33,000,000	33,000,000
29	Toolings for USB Type C	8544	set	34,000,000	34,000,000	34,000,000	37,400,000	37,400,000	37,400,000
30	Color Box	4819	pcs	35,000,000	35,000,000	35,000,000	38,500,000	38,500,000	38,500,000

Sono Smart Link Technology (Myanmar) Co., Ltd

Annual Raw Material Requirement (Pg 3)

No	Particular	HS Code	Unit	Year - 1	Year - 2	Year -3	Year -4	Year -5	Year -6-10
31	Paper tray	4823	pcs	30,700,000	30,700,000	30,700,000	33,770,000	33,770,000	33,770,000
32	Paper board	4801	pcs	22,000,000	22,000,000	22,000,000	24,200,000	24,200,000	24,200,000
33	TPE Overmold	3907	g	96,000	96,000	96,000	105,600	105,600	105,600
34	Metal Shield for USB Type C	7326	pcs	14,000,000	14,000,000	14,000,000	15,400,000	15,400,000	15,400,000
35	USB type A aluminum case	7616	pcs	10,000,000	10,000,000	10,000,000	11,000,000	11,000,000	11,000,000
36	USB type C aluminum case	8536	pcs	12,000,000	12,000,000	12,000,000	13,200,000	13,200,000	13,200,000
37	Hook	8308	pcs	12,000,000	12,000,000	12,000,000	13,200,000	13,200,000	13,200,000
38	Rubber ring	4016	pcs	10,000,000	10,000,000	10,000,000	11,000,000	11,000,000	11,000,000
39	Paper Card	4819	pcs	5,000,000	5,000,000	5,000,000	5,500,000	5,500,000	5,500,000
40	ABS housing for USB Type C	8536	pcs	2,000,000	2,000,000	2,000,000	2,200,000	2,200,000	2,200,000
41	Magic tie	8708	pcs	2,000,000	2,000,000	2,000,000	2,200,000	2,200,000	2,200,000
42	Magic tie	8708	pcs	2,000,000	2,000,000	2,000,000	2,200,000	2,200,000	2,200,000
43	Brown paper board	4804	pcs	2,000,000	2,000,000	2,000,000	2,200,000	2,200,000	2,200,000
44	Lightnng connector	8544	pcs	1,000,000	1,000,000	1,000,000	1,100,000	1,100,000	1,100,000
45	Raw Cable	8544	pcs	1,000,000	1,000,000	1,000,000	1,100,000	1,100,000	1,100,000

Sono Smart Link Technology (Myanmar) Co., Ltd

Annual Raw Material Requirement (Pg 4)

No	Particular	HS Code	Unit	Year - 1	Year - 2	Year -3	Year -4	Year -5	Year -6-10
46	PP plastic material	3902	kg	10,500	10,500	10,500	11,550	11,550	11,550
47	PE plastic material	3920	kg	12,600	12,600	12,600	13,860	13,860	13,860
48	PVC plastic material	3921	kg	636,800	636,800	636,800	700,480	700,480	700,480
49	TPE plastic material	3926	kg	18,900	18,900	18,900	20,790	20,790	20,790
50	Metal shield chass	7326	pcs	2,100,000	2,100,000	2,100,000	2,310,000	2,310,000	2,310,000
51	Sticker, round	4821	pcs	1,000,000	1,000,000	1,000,000	1,100,000	1,100,000	1,100,000
52	Plastic hook #	3926	pcs	6,700,000	6,700,000	6,700,000	7,370,000	7,370,000	7,370,000
53	Plastic hook #	3926	pcs	5,000,000	5,000,000	5,000,000	5,500,000	5,500,000	5,500,000
54	Brown Board	9405	pcs	11,800,000	11,800,000	11,800,000	12,980,000	12,980,000	12,980,000
55	Paper bracket	8529	pcs	1,000,000	1,000,000	1,000,000	1,100,000	1,100,000	1,100,000
56	USB Type C connector with PCBA	8536	pcs	1,100,000	1,100,000	1,100,000	1,210,000	1,210,000	1,210,000
57	Metal housing for TYPE C	8536	pcs	500,000	500,000	500,000	550,000	550,000	550,000
58	Metal housing for Lighting	9405	pcs	500,000	500,000	500,000	550,000	550,000	550,000
59	HDMI connector, with PCB	8536	pcs	100,000	100,000	100,000	110,000	110,000	110,000
60	Cable, multy wires	8544	pcs	100,000	100,000	100,000	110,000	110,000	110,000

Sono Smart Link Technology (Myanmar) Co., Ltd

Annual Raw Material Requirement (Pg 5)

No	Particular	HS Code	Unit	Year - 1	Year - 2	Year -3	Year -4	Year -5	Year -6-10
61	USB Type C metal housing	8536	pcs	100,000	100,000	100,000	110,000	110,000	110,000
62	HDMI metal housing	8525	pcs	100,000	100,000	100,000	110,000	110,000	110,000
63	Type C wire comb,plastic	8544	pcs	100,000	100,000	100,000	110,000	110,000	110,000
64	HDMI wire comb, plastic	3926	pcs	100,000	100,000	100,000	110,000	110,000	110,000
65	Multiple wires	8544	pcs	1,000,000	1,000,000	1,000,000	1,100,000	1,100,000	1,100,000
66	Type C wire comb	8517	pcs	1,000,000	1,000,000	1,000,000	1,100,000	1,100,000	1,100,000
67	USB Type C TO Lightning Cable Assembly	8419	pcs	500,000	500,000	500,000	550,000	550,000	550,000
68	Charger	8544	pcs	7,700,000	7,700,000	7,700,000	8,470,000	8,470,000	8,470,000
69	USB Type A TO Type C Cable Assembly	8504	pcs	200,000	200,000	200,000	220,000	220,000	220,000
70	USB Type A TO Lightning Cable Assembly	8544	pcs	5,000,000	5,000,000	5,000,000	5,500,000	5,500,000	5,500,000
71	Car charger	8544	pcs	2,000,000	2,000,000	2,000,000	2,200,000	2,200,000	2,200,000
72	PCBA	8504	pcs	13,000,000	13,000,000	13,000,000	14,300,000	14,300,000	14,300,000
73	Cable	8538	pcs	11,000,000	11,000,000	11,000,000	12,100,000	12,100,000	12,100,000
74	USB Type A to USB Micro B cable assembly	8536	pcs	2,000,000	2,000,000	2,000,000	2,200,000	2,200,000	2,200,000
75	ABS Housing	3903	pcs	13,000,000	13,000,000	13,000,000	14,300,000	14,300,000	14,300,000

Sono Smart Link Technology (Myanmar) Co., Ltd

Annual Raw Material Requirement (Pg 6)

No	Particular	HS Code	Unit	Year - 1	Year - 2	Year -3	Year -4	Year -5	Year -6-10
76	Metal Pin Connector	3903	pcs	2,000,000	2,000,000	2,000,000	2,200,000	2,200,000	2,200,000
77	Ultra Sound Seal Toolings	8536	pcs	2,000,000	2,000,000	2,000,000	2,200,000	2,200,000	2,200,000
78	User manuals	9018	set	14,000,000	14,000,000	14,000,000	15,400,000	15,400,000	15,400,000
79	Switch	4901	pcs	1,000,000	1,000,000	1,000,000	1,100,000	1,100,000	1,100,000
80	Battery	8536	pcs	2,000,000	2,000,000	2,000,000	2,200,000	2,200,000	2,200,000
81	Screws	8506	pcs	2,000,000	2,000,000	2,000,000	2,200,000	2,200,000	2,200,000
82	Aluminum chassis	7318	pcs	1,000,000	1,000,000	1,000,000	1,100,000	1,100,000	1,100,000
83	Coil	7610	pcs	1,000,000	1,000,000	1,000,000	1,100,000	1,100,000	1,100,000
84	Springs	8511	pcs	3,000,000	3,000,000	3,000,000	3,300,000	3,300,000	3,300,000
85	Metal springs	7320	pcs	3,000,000	3,000,000	3,000,000	3,300,000	3,300,000	3,300,000
86	Metal cover	7320	pcs	3,000,000	3,000,000	3,000,000	3,300,000	3,300,000	3,300,000
87	Mic	7320	pcs	6,000,000	6,000,000	6,000,000	6,600,000	6,600,000	6,600,000
88	Speaker	8518	pcs	6,000,000	6,000,000	6,000,000	6,600,000	6,600,000	6,600,000
89	Lightning connector	8518	pcs	3,000,000	3,000,000	3,000,000	3,300,000	3,300,000	3,300,000
90	3.5 mm Phone plug	8544	pcs	3,000,000	3,000,000	3,000,000	3,300,000	3,300,000	3,300,000

APPENDIX 7
Annually Product Rate

Sono Smart Link Technology (Myanmar) Co., Ltd

Production & Income Statement

No	Particular	Unit	Year					
			1	2	3	4	5	6-10
I	**Production (Pcs)**		**87,400,000**	**87,400,000**	**87,400,000**	**96,140,000**	**96,140,000**	**96,140,000**
1	Micro USB Cable Assembly, Plastic Overmold	Pcs	10,000,000	10,000,000	10,000,000	11,000,000	11,000,000	11,000,000
2	Micro USB Cable Assembly, ABS Housing Plug	Pcs	2,000,000	2,000,000	2,000,000	2,200,000	2,200,000	2,200,000
3	Micro USB Cable Assembly, Metal Housing Plug	Pcs	3,600,000	3,600,000	3,600,000	3,960,000	3,960,000	3,960,000
4	Lightning to USB A Cable Assembly, metal housing plug	Pcs	10,000,000	10,000,000	10,000,000	11,000,000	11,000,000	11,000,000
5	Lightning to USB A Cable Assembly, ABS housing plug	Pcs	3,000,000	3,000,000	3,000,000	3,300,000	3,300,000	3,300,000
6	USB A to Type C Cable Assembly 1	Pcs	20,000,000	20,000,000	20,000,000	22,000,000	22,000,000	22,000,000
7	USB A to Type C Cable Assembly 2	Pcs	10,000,000	10,000,000	10,000,000	11,000,000	11,000,000	11,000,000
8	USB Type C Cable Assembly 1	Pcs	2,000,000	2,000,000	2,000,000	2,200,000	2,200,000	2,200,000
9	USB Type C Cable Assembly 2	Pcs	2,000,000	2,000,000	2,000,000	2,200,000	2,200,000	2,200,000
10	C TO Lightning Cable Assembly,overmold	Pcs	500,000	500,000	500,000	550,000	550,000	550,000
11	USB C TO Lightning Cable Assembly, metal housing	Pcs	500,000	500,000	500,000	550,000	550,000	550,000
12	USB Type C to HDMI Cable Assembly	Pcs	100,000	100,000	100,000	110,000	110,000	110,000

Sono Smart Link Technology (Myanmar) Co., Ltd

Production & Income Statement

No	Particular	Unit	Year					
			1	2	3	4	5	6-10
I	**Production (Pcs)**		**87,400,000**	**87,400,000**	**87,400,000**	**96,140,000**	**96,140,000**	**96,140,000**
13	Multiple wires	Pcs	1,000,000	1,000,000	1,000,000	1,100,000	1,100,000	1,100,000
14	USB Type C TO Lightning Cable Assembly,with Charger	Pcs	500,000	500,000	500,000	550,000	550,000	550,000
15	USB Type A to Type C cable assembly, with car charger	Pcs	200,000	200,000	200,000	220,000	220,000	220,000
16	USB Type A to Lightning Cable with charger	Pcs	5,000,000	5,000,000	5,000,000	5,500,000	5,500,000	5,500,000
17	USB Type C to Type C Cable Assembly with Car Charger	Pcs	2,000,000	2,000,000	2,000,000	2,200,000	2,200,000	2,200,000
18	USB Type A to USB Micro B cable assembly with Charger	Pcs	2,000,000	2,000,000	2,000,000	2,200,000	2,200,000	2,200,000
19	Wall Charger	Pcs	2,000,000	2,000,000	2,000,000	2,200,000	2,200,000	2,200,000
20	Power bank	Pcs	1,000,000	1,000,000	1,000,000	1,100,000	1,100,000	1,100,000
21	Wireless charger	Pcs	1,000,000	1,000,000	1,000,000	1,100,000	1,100,000	1,100,000
22	Car Charger	Pcs	3,000,000	3,000,000	3,000,000	3,300,000	3,300,000	3,300,000
23	Headset	Pcs	3,000,000	3,000,000	3,000,000	3,300,000	3,300,000	3,300,000
24	Adapter	Pcs	3,000,000	3,000,000	3,000,000	3,300,000	3,300,000	3,300,000

Sono Smart Link Technology (Myanmar) Co., Ltd

Production & Income Statement

No	Particular	Unit	Year					
			1	2	3	4	5	6-10
II	**CMP Charges (US$)**							
1	Micro USB Cable Assembly, Plastic Overmold	US$/Pcs	0.15	0.15	0.150	0.150	0.150	0.151
2	Micro USB Cable Assembly, ABS Housing Plug	US$/Pcs	0.17	0.17	0.170	0.170	0.171	0.171
3	Micro USB Cable Assembly, Metal Housing Plug	US$/Pcs	0.18	0.18	0.180	0.180	0.181	0.181
4	Lightning to USB A Cable Assembly, metal housing plug	US$/Pcs	0.22	0.22	0.220	0.220	0.221	0.221
5	Lightning to USB A Cable Assembly, ABS housing plug	US$/Pcs	0.20	0.20	0.200	0.200	0.201	0.201
6	USB A to Type C Cable Assembly 1	US$/Pcs	0.16	0.16	0.160	0.160	0.160	0.161
7	USB A to Type C Cable Assembly 2	US$/Pcs	0.17	0.17	0.170	0.170	0.171	0.171
8	USB Type C Cable Assembly 1	US$/Pcs	0.17	0.17	0.170	0.170	0.171	0.171
9	USB Type C Cable Assembly 2	US$/Pcs	0.16	0.16	0.160	0.160	0.160	0.161
10	C TO Lightning Cable Assembly,overmold	US$/Pcs	0.30	0.30	0.300	0.301	0.301	0.301
11	USB C TO Lightning Cable Assembly, metal housing	US$/Pcs	0.32	0.32	0.320	0.321	0.321	0.321
12	USB Type C to HDMI Cable Assembly	US$/Pcs	0.5	0.5	0.501	0.501	0.502	0.502

Sono Smart Link Technology (Myanmar) Co., Ltd

Production & Income Statement

No	Particular	Unit	Year					
			1	2	3	4	5	6-10
II	**CMP Charges (US$)**							
13	Multiple wires	US$/Pcs	0.30	0.30	0.300	0.301	0.301	0.301
14	USB Type C TO Lightning Cable Assembly,with Charger	US$/Pcs	0.80	0.80	0.801	0.802	0.802	0.803
15	USB Type A to Type C cable assembly, with car charger	US$/Pcs	0.45	0.45	0.450	0.451	0.451	0.452
16	USB Type A to Lightning Cable with charger	US$/Pcs	0.45	0.45	0.450	0.451	0.451	0.452
17	USB Type C to Type C Cable Assembly with Car Charger	US$/Pcs	0.45	0.45	0.450	0.451	0.451	0.452
18	USB Type A to USB Micro B cable assembly with Charger	US$/Pcs	0.45	0.45	0.450	0.451	0.451	0.452
19	Wall Charger	US$/Pcs	0.30	0.30	0.300	0.301	0.301	0.301
20	Power bank	US$/Pcs	0.35	0.35	0.350	0.351	0.351	0.351
21	Wireless charger	US$/Pcs	0.35	0.35	0.350	0.351	0.351	0.351
22	Car Charger	US$/Pcs	0.30	0.30	0.300	0.301	0.301	0.301
23	Headset	US$/Pcs	0.60	0.60	0.601	0.601	0.602	0.602
24	Adapter	US$/Pcs	0.30	0.30	0.300	0.301	0.301	0.301

Sono Smart Link Technology (Myanmar) Co., Ltd

Production & Income Statement

No	Particular	Unit	Year					
			1	2	3	4	5	6-10
III	**CMP Income**	US$	**20,948,000.00**	**20,948,000.00**	**20,968,948.00**	**23,088,908.64**	**23,111,997.55**	**23,135,109.55**
1	Micro USB Cable Assembly, Plastic Overmold	US$	1,500,000.00	1,500,000.00	1,501,500.00	1,653,301.65	1,654,954.95	1,656,609.91
2	Micro USB Cable Assembly, ABS Housing Plug	US$	340,000.00	340,000.00	340,340.00	374,748.37	375,123.12	375,498.25
3	Micro USB Cable Assembly, Metal Housing Plug	US$	648,000.00	648,000.00	648,648.00	714,226.31	714,940.54	715,655.48
4	Lightning to USB A Cable Assembly, metal housing plug	US$	2,200,000.00	2,200,000.00	2,202,200.00	2,424,842.42	2,427,267.26	2,429,694.53
5	Lightning to USB A Cable Assembly, ABS housing plug	US$	600,000.00	600,000.00	600,600.00	661,320.66	661,981.98	662,643.96
6	USB A to Type C Cable Assembly 1	US$	3,200,000.00	3,200,000.00	3,203,200.00	3,527,043.52	3,530,570.56	3,534,101.13
7	USB A to Type C Cable Assembly 2	US$	1,700,000.00	1,700,000.00	1,701,700.00	1,873,741.87	1,875,615.61	1,877,491.23
8	USB Type C Cable Assembly 1	US$	340,000.00	340,000.00	340,340.00	374,748.37	375,123.12	375,498.25
9	USB Type C Cable Assembly 2	US$	320,000.00	320,000.00	320,320.00	352,704.35	353,057.06	353,410.11
10	C TO Lightning Cable Assembly,overmold	US$	150,000.00	150,000.00	150,150.00	165,330.17	165,495.50	165,660.99
11	USB C TO Lightning Cable Assembly, metal housing	US$	160,000.00	160,000.00	160,160.00	176,352.18	176,528.53	176,705.06
12	USB Type C to HDMI Cable Assembly	US$	50,000.00	50,000.00	50,050.00	55,110.06	55,165.17	55,220.33

Sono Smart Link Technology (Myanmar) Co., Ltd

Production & Income Statement

No	Particular	Unit	Year					
			1	2	3	4	5	6-10
III	**CMP Income**	US$	**20,948,000.00**	**20,948,000.00**	**20,968,948.00**	**23,088,908.64**	**23,111,997.55**	**23,135,109.55**
13	Multiple wires	US$	300,000.00	300,000.00	300,300.00	330,660.33	330,990.99	331,321.98
14	USB Type C TO Lightning Cable Assembly,with Charger	US$	400,000.00	400,000.00	400,400.00	440,880.44	441,321.32	441,762.64
15	USB Type A to Type C cable assembly, with car charger	US$	90,000.00	90,000.00	90,090.00	99,198.10	99,297.30	99,396.59
16	USB Type A to Lightning Cable with charger	US$	2,250,000.00	2,250,000.00	2,252,250.00	2,479,952.48	2,482,432.43	2,484,914.86
17	USB Type C to Type C Cable Assembly with Car Charger	US$	900,000.00	900,000.00	900,900.00	991,980.99	992,972.97	993,965.94
18	USB Type A to USB Micro B cable assembly with Charger	US$	900,000.00	900,000.00	900,900.00	991,980.99	992,972.97	993,965.94
19	Wall Charger	US$	600,000.00	600,000.00	600,600.00	661,320.66	661,981.98	662,643.96
20	Power bank	US$	350,000.00	350,000.00	350,350.00	385,770.39	386,156.16	386,542.31
21	Wireless charger	US$	350,000.00	350,000.00	350,350.00	385,770.39	386,156.16	386,542.31
22	Car Charger	US$	900,000.00	900,000.00	900,900.00	991,980.99	992,972.97	993,965.94
23	Headset	US$	1,800,000.00	1,800,000.00	1,801,800.00	1,983,961.98	1,985,945.94	1,987,931.89
24	Adapter	US$	900,000.00	900,000.00	900,900.00	991,980.99	992,972.97	993,965.94

Sono Smart Link Technology (Myanmar) Co., Ltd

Product Photo

Micro USB Cable Assembly, Plastic Overmold

Micro USB Cable Assembly, ABS Housing Plug

Micro USB Cable Assembly, Metal Housing Plug

Lightning to USB A Cable Assembly, metal housing plug

Lightning to USB A Cable Assembly, ABS housing plug

USB A to Type C Cable Assembly 1

USB A to Type C Cable Assembly 2

USB Type C Cable Assembly 1

USB Type C Cable Assembly 2

C TO Lightning Cable Assembly ,overmold

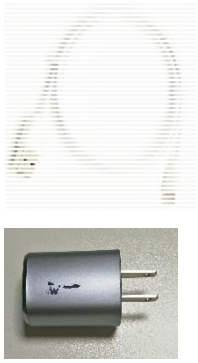
USB C TO Lightning Cable Assembly, metal housing

USB Type C to HDMI Cable Assembly

Multiple wires

USB Type C TO Lightning Cable Assembly,with Charger

USB Type A to Type C cable assembly, with car charger



USB Type A to Lightning Cable with charger

USB Type C to Type C Cable Assembly with Car Charger

USB Type A to USB Micro B cable assembly with Charger

APPENDIX 8

Staff list

Exhibit (10 - A)

HONG XI TECHNOLOGY (MYANMAR) COMPANY LIMITED.

List of Overseas Employee

Sr.No.	Designation	Salaries /Month US $	Number of Person	Monthly - US $	Yearly - US $
1	General Manager	900	2	1,800	21,600
2	Executive – Accounts	600	1	600	7,200
3	Executive – Administration	400	1	400	4,800
4	Production Manager	700	3	2,100	25,200
5	Factory Engineer	600	25	15,000	180,000
6	Quality Control	450	5	2,250	27,000
	TOTAL		**37**	**22,150**	**265,800**

Note : Full Time Overseas Employee

Exhibit (10)

HONG XI TECHNOLOGY (MYANMAR) COMPANY LIMITED.

List of Local Employee

Sr.No.	Designation	Salaries /Month Kyat	Number of Person	Monthly - Kyat	Yearly - Kyat
1	Account Manager	500,000	1	500,000	6,000,000
2	HR Manager	400,000	1	400,000	4,800,000
3	Interpreter	250,000	7	1,750,000	21,000,000
4	Office Staff	270,000	5	1,350,000	16,200,000
5	Purchase Executive	350,000	1	350,000	4,200,000
6	Vice Producing Manager	320,000	1	320,000	3,840,000
7	Vice Producing Supervisor	250,000	3	750,000	9,000,000
8	Production Line Monitor	200,000	15	3,000,000	36,000,000
9	Vice Cutting Workshop Supervis	250,000	1	250,000	3,000,000
10	Cutting Table Monitor	180,000	4	720,000	8,640,000
11	Vice Mechanic Supervisor	200,000	1	200,000	2,400,000
12	Mechanic	150,000	10	1,500,000	18,000,000
13	Vice Warehouse Supervisor	200,000	1	200,000	2,400,000
14	Warehouse Executive	150,000	5	750,000	9,000,000
15	Vice Quality Control Manager	200,000	1	200,000	2,400,000
16	Quality Control	150,000	50	7,500,000	90,000,000
17	Driver	250,000	5	1,250,000	15,000,000
18	Cleaner	155,750	20	3,115,000	37,380,000
19	Skill Worker	180,000	1,400	252,000,000	3,024,000,000
20	Semi Skill Worker	165,000	525	86,625,000	1,039,500,000
21	Un Skill Worker	150,000	350	52,500,000	630,000,000
22	Cutting Operator	165,000	50	8,250,000	99,000,000
23	Sealing Section Leader	200,000	8	1,600,000	19,200,000
24	Sealing Worker	164,000	25	4,100,000	49,200,000
25	Security	150,000	10	1,500,000	18,000,000
	TOTAL		**2,500**	**430,680,000**	**5,168,160,000**

APPENDIX 9

Fire Safety and Evacuation Plan

Fire Safety and Evacuation Plan

Sono Smart Link Technology (Myanmar) Co ., Ltd. shall abide by the guidelines and instructions of Myanmar Fire Services Department and obtain any required license or permit from Myanmar Fire Services Department.

In case of emergency, fire hoses will be equipped with emergency water pumps with the supply of water from under ground water tanks. Fire extinguishers will be placed at various standby positions. Fire Drill Instructions and Evacuation Plan will be posted at every sections of the factory. At the beginning of every month, Fire Safety Officers will conduct Fire Drill Practice and demonstrate how to use fire prevention equipment.

Mr. Hu Shengqi
Promoter
Sono Smart Link Technology (Myanmar) Co ., Ltd.

APPENDIX 10

Corporate Social Responsibility Plan

Sono Smart Link Technology (Myanmar) Co ., Ltd.

Corporate Social Responsibility Plan

We, Sono Smart Link Technology (Myanmar) Co ., Ltd. will contribute 2% of our Net Profit to social welfare activities that will help society and country of Myanmar. Our social welfare activities shall include training of our employees such as on job training to be more qualified, language (Chinese) training on weekends with experienced teachers and providing necessary healthcare such as medical checkups and giving proper medical knowledge about deceases and its prevention. Part of our CSR activity such as donations will also contribute to public school around our factory.

No	Partical	Contribution %
1	Public School	0.5%
2	Non-profit Training	1%
3	Employees (Healthcare)	0.5%

Proposed Corporate Social Responsibility Activities

Public School

We will contribute 0.5% of our net profit to the public school near the factory to be a part of creating the better community. We will also work together with the school to understand more about the needs and we will also ensure that our contributions will be used in the most effective and efficient way for the society.

Non-profit Training

We will contribute 1% of our net profit for the trainings of our Employees. Our trainings include job-related trainings, language trainings and safety trainings. The main objective of our trainings are that we want our products with their work but also improving their other skills such as language and promoting knowledge about safety measures and occupational health employees to be not only become more productive and more qualified.

APPENDIX 11

Employees' Welfare Plan

Sono Smart Link Technology (Myanmar) Co ., Ltd.
Employees' Welfare Plan

Sono Smart Link Technology (Myanmar) Co ., Ltd. is a 100% Foregin investment established under the Myanamar Investment Law and the Myanmar Company Law, whose registered office is situated at Unit # A-003, A-004, Plot No. 5, Myay Taing Block No. 143/1, South Dagon Myo Thit Township, Yangon Region, the Republic of the Union of Myanmar. The company aimed to produce and Manufacturing of various kinds of Electrical Spare Accessories on CMP basis with a number (1010) of staff. In order that the staff may enjoy proper welfare commensurate with that of a prestigious company set up a plan for its employees as it's ……

1. **Staff Transportation**

   For all employees who live far away from the factory, commuter buses will be rented by the company and the staff will be transported free of charge.

2. **Uniform**

   All employees would be supplied with uniforms free of charge twice a year.

3. **Health Care**

   An infirmary will be set up within the factory compound and stocked with appropriate medicines. Qualified nurses will be hired by the company so that in emergency cases employees could be treated free of charge. In addition, a water purification system will be installed for staff drinking water. Appropriate sanitation facilities will be installed in the factory and regular disinfection work carried out.

4. **Risk Prevention**

   Evacuation plan in case of emergency would be drafted and explained to all employees so that in case of emergency namely: earthquake, fire and other natural or manmade disasters injury or death could be avoided.

5. **Bonus**

   Based on the performance of the company, annual bonus will be declared and paid out to each employee before the Myanmar New Year (Water Festival). The amount of bonus will be in accordance with the amount of profit earned by the company.

6. Training

On job training course for un-skill and semi-skill workers will be arranged three times per year. Off job training for skill workers and middle management level will be sent to relevant training centers. Occasionally, potential workers would be dispatched to overseas training in developing countries.

7. Hostel (Accommodation)

We, Sono Smart Link Technology (Myanmar) Co ., Ltd. will be provided accommodation for our senior management level employees and based on the labour law of the country, other benefits such as leave (sick leave, annual leave etc.) would be drawn up and included in the Employees' welfare plan accordingly.

With Best Regards,

Mr. Hu Shengqi
Promoter
Sono Smart Link Technology (Myanmar) Co ., Ltd.

APPENDIX 12
Health and Electrical Usage

Healthcare

One of our main concern is the well-being of our employees. We will contribute 0.5% of our net profit for the healthcare which includes medical checkup for the employees and providing health education to our workers.

With Best Regards,

Mr. Hu Shengqi
Promoter
Sono Smart Link Technology (Myanmar) Co ., Ltd.

သို့

ဥက္ကဋ္ဌ
ရန်ကုန်တိုင်းဒေသကြီး ရင်းနှီးမြှုပ်နှံမှုကော်မတီ

ရက်စွဲ။ ။၂၀၁၉ ခုနှစ်၊ လ၊ ရက်။

အကြောင်းအရာ။ ။ **လျှပ်စစ် သုံးစွဲမှုအား ရှင်းလင်းတင်ပြခြင်း။**

ကျွန်တော်များ Sono Smart Link Technology (Myanmar) Co ., Ltd. သည် နိုင်ငံခြားသား ၁၀၀ % ရင်းနှီးမြှုပ်နှံမှု ဖြင့် Unit # A-003, A-004, မြေကွက်အမှတ် ၅၊ မြေတိုင်းရပ်ကွက် အမှတ် ၁၄၃/၁၊ ဒဂုံမြို့သစ် ၈ တာင် ပိုင်း မြို့နယ်၊ ရန်ကုန်တိုင်း ၈ ဒသကြီး တွင် YRIC ခွင့်ပြုမိန့် ဖြင့် စီအမ်ပီစနစ်ဖြင့် လျှပ်စစ်အပိုပစ္စည်းအမျိုးမျိုး ထုတ်လုပ်ခြင်းလုပ်ငန်းလုပ်ကိုင်မည် ဖြစ်ပါသည်။ ကျွန်တော်များ Sono Smart Link Technology (Myanmar) Co ., Ltd. တွင် လျှပ်စစ်သုံးစွဲမှု ပမာဏ 640,000 unit kwh Per Year ခန့် အသုံးပြုသွားမည် ဖြစ်ကြောင်း အသိပေးတင်ပြအပ်ပါသည်။

အထက်ပါအကြောင်းအရာအား ရန်ကုန်တိုင်းဒေသကြီး ရင်းနှီးမြှုပ်နှံမှု ကော်မတီ အား တင်ပြ လျှောက်ထားအပ်ပါသည်။

လျှောက်ထားသူလက်မှတ်
အမည် Mr. Hu Shengqi
ရာထူး Promoter
ဌာန/ကုမ္ပဏီတံဆိပ် Sono Smart Link Technology (Myanmar) Co ., Ltd.

APPENDIX 13
Air Report

20201

AIR & NOISE

DATAS

[Sono Smart Link Technology (Myanmar) Company Limited]

Sono Smart Link Technology (Myanmar) Company Limited

1. Air Analysis

1.1 Air Analysis Info

Sample site	Sono Smart Link Technology (Myanmar) Company Limited	Sample I.D.	AS0921-02
Location (township)	Dagon Myo Thit (Southern)	Method	HAZ-SCANNER™ Model-EPAS
		Station height (elevation)	Ground
Location (Region / state)	Yangon	Latitude	16°52'47.81"N
		Longitude	96°14'37.50"E
		log on time (Date, Time)	1.9.2021(09:00 AM)
Air Monitoring Date	1.9.2021	log off time (Date, Time)	2.9.2021 (09:00 AM)
		Logging Duration (hours)	24 hours

Figure 1.1 Air Sample Point

1.2. Air sampling result

The findings of the air quality sampling monitored data and the applicable national standards used for comparison for the project are shown in the following Table and air result data report is described.

Table - Air Quality Result

No	Parameters	Results		Avg. Period	Guideline value (NEQG)	Averaging Period	Remarks
		Observed value	Converted value				
1	Nitrogen dioxide NO_2	54 ppb	101.5(µg/m^3)	1-hour*	40 (µg/m^3) 200 (µg/m^3)	1-year 1-hour	
2	Ozone (O_3)	32 ppb	62.7(µg/m^3)	8-hour	100 (µg/m^3)	8-hour daily maximum	
3	Particulate matter PM_{10}	23 (µg/m^3)		24-hour	20 (µg/m^3) 50 (µg/m^3)	1-year 24-hour	
4	Particulate matter $PM_{2.5}$	11 (µg/m^3)		24-hour	10 (µg/m^3) 25 (µg/m^3)	1-year 24-hour	
5	Sulfur dioxide SO_2	2 ppb	5.24(µg/m^3)	24-hour	20 (µg/m^3) 500 (µg/m^3)	24-hour 10 minute	
6	Carbon dioxide CO_2	240 ppm		24-hour	-		
7	Carbon monoxide CO	2 ppb		24-hour	-		

* One hour in Max. Value of 24 hrs. period

2. Noise Level

The noise levels for the proposed site were measured by TES-52A Advanced Sound Level Meter.

TES-52A Advanced Sound Level Meter

Table - National Emission Quality Guideline (NEQG) for Noise Level

Receptor	One Hour LAeq (dBA)a	
	Daytime 07:00-22:00 (10:00-22:00 for Public holidays)	Night time 22:00-07:00 (22:00-10:00 for Public holidays)
Residential, institutional, educational	55	45
Industrial, commercial	70	70

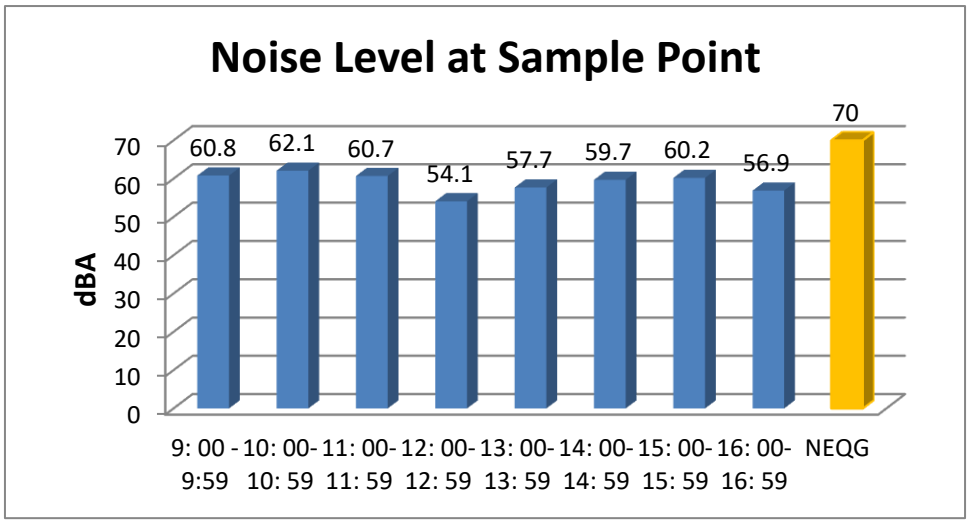
2.1. The location of Noise sample point of the Project

No.	Sample Name	Sono Smart Link Technology (Myanmar) Company Limited		Location
		Latitude (N)	Longitude (E)	
1.	Noise Sample Point (NS)	16°52'47.81"N	96°14'37.50"E	In front of the factory building.

2.2. Noise Level Result

Table - Average Values of Noise Level (dB) at the sampling point

Noise Sample Point	Date/Time (1-9-2021)	Observed Noise Level (MeanValue) (dBA)
NS	9: 00 -9:59	60.8
	10: 00-10: 59	62.1
	11: 00-11: 59	60.7
	12: 00-12: 59	54.1
	13: 00-13: 59	57.7
	14: 00-14: 59	59.7
	15: 00-15: 59	60.2
	16: 00-16: 59	56.9


Noise Level at Sample Point
dBA
70
60
50
40
30
20
10
0
60.8
62.1
60.7
54.1
57.7
59.7
60.2
56.9
70
9: 00 - 9:59
10: 00- 10: 59
11: 00- 11: 59
12: 00- 12: 59
13: 00- 13: 59
14: 00- 14: 59
15: 00- 15: 59
16: 00- 16: 59
NEQG

Environmental Report

Logger ID 915085

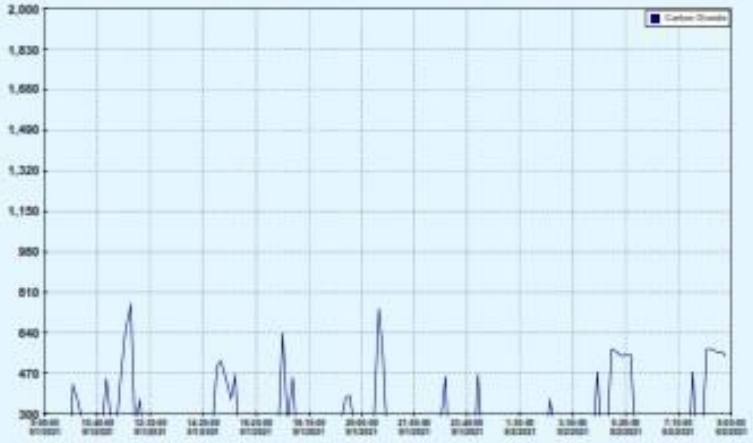
Record Count 145

Sensor ID

Carbon Dioxide

Range: 0 to 5000 ppm

Min	Ave	Max	Std. Dev		Hi Limit	% Above Hi	Lo Limit	% Below Lo
15	240.00	754	169.27	ppm		0.00%		0.00%

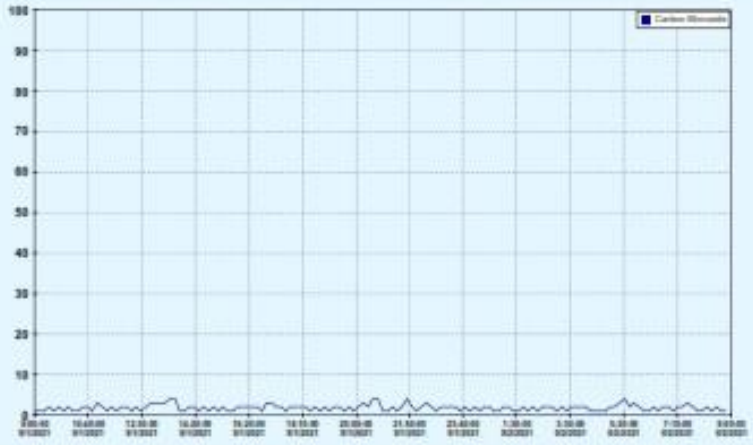


Sensor ID

Carbon Monoxide

Range: 0 to 10000 ppb

Min	Ave	Max	Std. Dev		Hi Limit	% Above Hi	Lo Limit	% Below Lo
1	2.00	4	0.77	ppb		0.00%		0.00%



Environmental Report

Logger ID 915085

Record Count 145

Sensor ID

Nitrogen Dioxide

Range: 0 to 5000 ppb

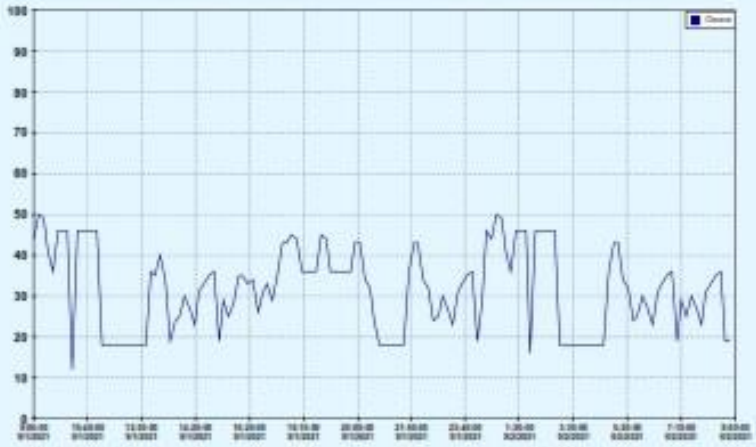
Min	Ave	Max	Std. Dev		Hi Limit	% Above Hi	Lo Limit	% Below Lo
2	15.00	54	10.17	ppb		0.00%		0.00%

Sensor ID

Ozone

Range: 0 to 150 ppb

Min	Ave	Max	Std. Dev		Hi Limit	% Above Hi	Lo Limit	% Below Lo
12	32.00	50	10.22	ppb		0.00%		0.00%



Environmental Report

Logger ID 915085

Record Count 145

Sensor ID

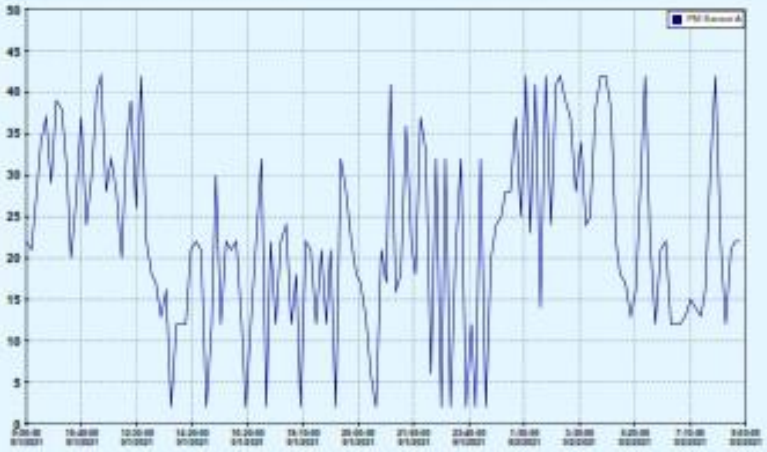
Port

PM Sensor A

Port

Range: 0 to 5000 uG/m3

Min	Ave	Max	Std. Dev		Hi Limit	% Above Hi	Lo Limit	% Below Lo
2	23.00	42	11.14	uG/m3		0.00%		0.00%



Sensor ID

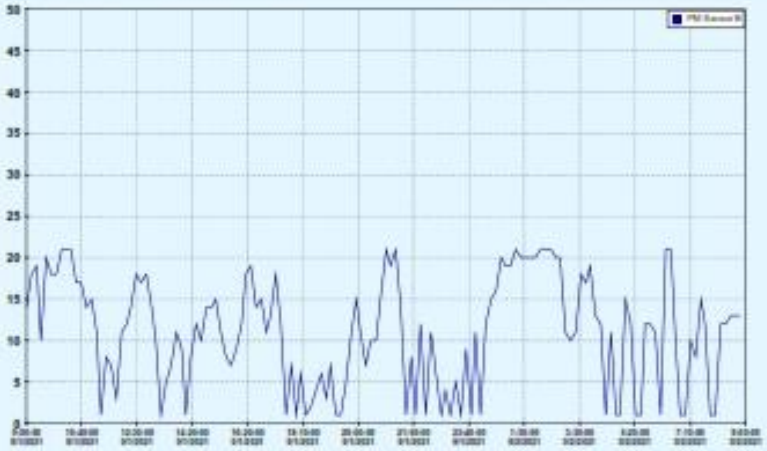
Port

PM Sensor B

Port

Range: 0 to 5000 uG/m3

Min	Ave	Max	Std. Dev		Hi Limit	% Above Hi	Lo Limit	% Below Lo
1	11.00	21	6.56	uG/m3		0.00%		0.00%



Environmental Report

Logger ID 915085

Record Count 145

R.H.

Relative Humidity

R.H.

Sensor ID

Range: 0 to 100 %

Min	Ave	Max	Std. Dev		Hi Limit	% Above Hi	Lo Limit	% Below Lo
54	61.00	71	4.53	%		0.00%		0.00%

SO2

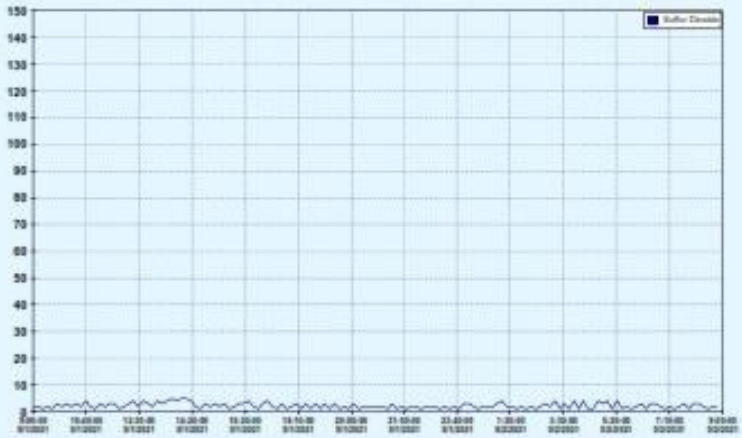
Sulfur Dioxide

SO2

Sensor ID

Range: 0 to 5000 ppb

Min	Ave	Max	Std. Dev		Hi Limit	% Above Hi	Lo Limit	% Below Lo
1	2.00	5	1.05	ppb		0.00%		0.00%



Environmental Report

Logger ID 915085 Record Count 145

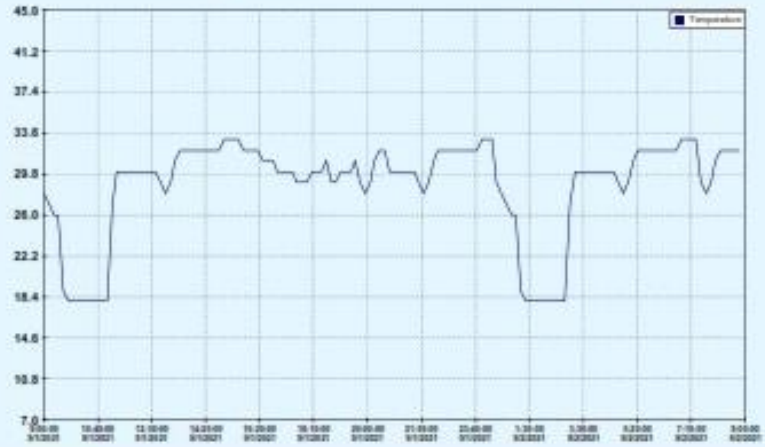
TEMP

Temperature

TEMP Sensor ID

Range: -20 to 60 Deg. C

Min	Ave	Max	Std. Dev		Hi Limit	% Above Hi	Lo Limit	% Below Lo
18	29.00	33	4.58	Deg. C		0.00%		0.00%



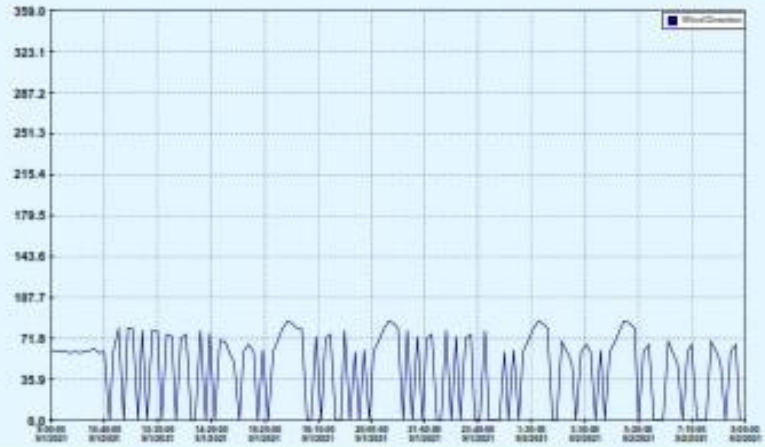
W. DIR.

Wind Direction

W. DIR. Sensor ID

Range: 0 to 359 Deg.

Min	Ave	Max	Std. Dev		Hi Limit	% Above Hi	Lo Limit	% Below Lo
0	45.00	87	33.99	Deg.		0.00%		0.00%



Environmental Report

Logger ID 915085

Record Count 145

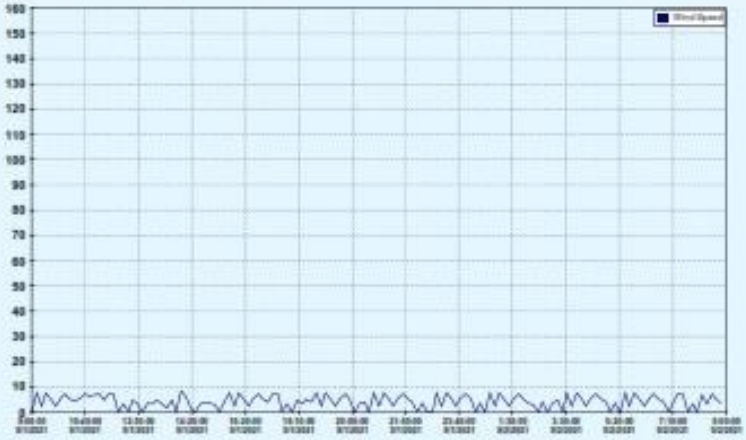
Sensor ID

W. SPD.

Wind Speed

Range: 0 to 100 mph

Min	Ave	Max	Std. Dev		Hi Limit	% Above Hi	Lo Limit	% Below Lo
0	4.20	8.3	2.54	mph		0.00%		0.00%



Sensor ID

Batt.

Supply Voltage

Range: 10 to 16 V

Min	Ave	Max	Std. Dev		Hi Limit	% Above Hi	Lo Limit	% Below Lo
10.3	10.70	11	0.20	V		0.00%		0.00%

APPENDIX 14
public suggestion

Sono Smart Link Company Limited ၏ Skytec Industrial Park အတွင်းရှိအမှတ်(အေ ၀၀၃၊ ၀၀၄)၊ အကွက်အမှတ် (၅) မြေတိုင်းရပ်ကွက်အမှတ် (၁၄၄/၁) ၊ ဒဂုံမြို့သစ်(တောင်ပိုင်း)မြို့နယ် ရန်ကုန်တိုင်းဒေသကြီး လျှပ်စစ်အပိုပစ္စည်း အမျိုးမျိုး ထုတ်လုပ်ခြင်း လုပ်ငန်းစက်ရုံ စီမံကိန်းနှင့် ပတ်သတ်၍ ပတ်ဝန်းကျင်ထိန်းသိမ်းရေးဆိုင်ရာ တွေ့ဆုံဆွေးနွေးပွဲ တက်ရောက်သူများစာရင်း

(18.7.22) ရက်နေ့

စဉ်	အမည်	ရာထူး/ဌာန/အလုပ်အကိုင်	ဆက်သွယ်ရန် ဖုန်း/အီးမေးလ်	လက်မှတ်
၁	ဦးမင်းဆုဝေ	ဝိုင်းထောင်	ကျွဲပြည်သာ ကြို ၂၁၅	
၂	ဦးဟန်မင်းထွန်း	"	"	
၃	ဒေါ်သန္တာထွန်း	"	"	
၄	ဒေါ်စနော်ဝေ	"	"	
၅	ဒေါ်ခင်မျိုးနွယ်	"	"	
၆	ဦးဝင်းဇော်သူ	"	"	
၇	ဒေါ်နှင်းဖွာ	"	"	
၈	ဒေါ်သင်းသင်းမိုး	"	"	
၉	ဒေါ်သဇင်အောင်	"	"	
၁၀	ဒေါ်နှင်းနှင်း	"	"	

Sono Smart Link Company Limited ၏ Skytec Industrial Park အတွင်းရှိအမှတ်(အေ ၀၀၃၊ ၀၀၄)၊ အကွက်အမှတ် (၅) မြေတိုင်းရပ်ကွက်အမှတ် (၁၄၄/၁) ၊ ဒဂုံမြို့သစ်(တောင်ပိုင်း)မြို့နယ် ရန်ကုန်တိုင်းဒေသကြီး လျှပ်စစ်အပိုပစ္စည်း အမျိုးမျိုး ထုတ်လုပ်ခြင်း လုပ်ငန်းစက်ရုံ စီမံကိန်းနှင့် ပတ်သတ်၍ ပတ်ဝန်းကျင်ထိန်းသိမ်းရေးဆိုင်ရာ တွေ့ဆုံဆွေးနွေးပွဲ တက်ရောက်သူများစာရင်း

(18. 7. 22) ရက်နေ့

စဉ်	အမည်	ရာထူး/ဌာန/အလုပ်အကိုင်	ဆက်သွယ်ရန် ဖုန်း/အီးမေးလ်	လက်မှတ်
၁	ဦးဝင်းရှိ	ရပ်ခံဝန်း	ဘွေမြေသာ မြို့နယ်	
၂	ဦးကျော်လွင်ဦး	"	"	
၃	ဦးထွန်းကျော်ဉာဏ်အောင်	"	"	
၄	ဦးတင်လှနှင်းကို	"	"	
၅	ဦးမင်းသွေးနိုင်	"	"	
၆	ဒေါ်ဝင်းရင်ကြူ	"	"	
၇	ဒေါ်ကြော်မြင့်ကြိုင်	"	"	
၈	ဦးဝဏ်ဏသက်	"	"	
၉	ဦးဇော်မင်းအောင်	"	"	
၁၀	ဒေါ်မြမြဦး	"	"	

Sono Smart Link Company Limited ၏ Skytec Industrial Park အတွင်းရှိအမှတ်(အေ ဝဝ၃၊ ဝဝ၄)၊ အကွက်အမှတ် (၅) မြေတိုင်းရပ်ကွက်အမှတ် (၁၄၄/၁) ၊ ဒဂုံမြို့သစ်(တောင်ပိုင်း)မြို့နယ် ရန်ကုန်တိုင်းဒေသကြီး လျှပ်စစ်အဝိုပစ္စည်း အမျိုးမျိုး ထုတ်လုပ်ခြင်း လုပ်ငန်းစက်ရုံ စီမံကိန်းနှင့် ပတ်သတ်၍ ပတ်ဝန်းကျင်ထိန်းသိမ်းရေးဆိုင်ရာ တွေ့ဆုံဆွေးနွေးပွဲ တက်ရောက်သူများစာရင်း

(18.7-22) ရက်နေ့

ဖြေကြားသူဆိုင်ရာအချက်အလက်များ

အမည်	-	ဒေါ်နှင်းနှင်း
အသက်	-	၅၇
အလုပ်အကိုင်	-	ဝန်ထမ်း
လိပ်စာ/ဖုန်းနံပါတ်	-	ရွှေညီသာ မြို့နယ်
လက်မှတ်	-	

စီမံကိန်းအပေါ် သဘောထား/အကြံပြုချက်

မိမိ၏ ထင်မြင်ယူဆချက်နှင့်အညီ ရှိ/မရှိ အကွက်အတွင်း၌ အမှန် (✓) ခြစ်၍ ဖြေဆိုပေးနိုင်ပါသည်။

စဉ်	မေးခွန်း	ရှိ	မရှိ	မှတ်ချက်
၁	အလုပ်အကိုင် အခွင့်အလမ်းများပိုမို ရရှိလာနိုင်ခြင်း ရှိ/မရှိ	✓		
၂	လူမှုစီးပွားရေးအပေါ် ထိခိုက်နိုင်ခြင်း ရှိ/မရှိ		✓	
၃	ဥပဒေနှင့်အညီ ပွင့်လင်းမြင်သာစွာ ဆောင်ရွက်ခြင်း ရှိ/မရှိ	✓		
၄	ကျန်းမာရေး နှင့် ဘေးကင်းလုံခြုံရေး အပေါ် ဆိုးကျိုးသက်ရောက်မှု ရှိနိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၅	သဘာဝ ပတ်ဝန်းကျင်အပေါ် ဆိုးကျိုးသက်ရောက် နိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၆	စီမံကိန်းအား ဆောင်ရွက်သင့်သည်ဟု ထင်မြင်ယူဆခြင်း ရှိ/မရှိ	✓		

သီးခြားဖြည့်စွက်ဖော်ပြလိုပါက ဤစာအောက်တွင်ဖော်ပြပေးနိုင်ပါသည်။

Sono Smart Link Company Limited ၏ Skytec Industrial Park အတွင်းရှိအမှတ်(အေ ၀၀၃၊ ၀၀၄)၊ အကွက်အမှတ် (၅) မြေတိုင်းရပ်ကွက်အမှတ် (၁၄၄/၁)၊ ဒဂုံမြို့သစ်(တောင်ပိုင်း)မြို့နယ် ရန်ကုန်တိုင်းဒေသကြီး လျှပ်စစ်အပိုပစ္စည်း အမျိုးမျိုး ထုတ်လုပ်ခြင်း လုပ်ငန်းစက်ရုံ စီမံကိန်းနှင့် ပတ်သတ်၍ ပတ်ဝန်းကျင်ထိန်းသိမ်းရေးဆိုင်ရာ တွေ့ဆုံဆွေးနွေးပွဲ တက်ရောက်သူများစာရင်း

(18.7.22) ရက်နေ့

ဖြေကြားသူဆိုင်ရာအချက်အလက်များ

အမည်	-	ဒေါ်သြာခင်အောင်
အသက်	-	43
အလုပ်အကိုင်	-	ဝန်ထမ်း
လိပ်စာ/ဖုန်းနံပါတ်	-	62 မြသီတာ
လက်မှတ်	-	Aung

စီမံကိန်းအပေါ် သဘောထား/အကြံပြုချက်

မိမိ၏ ထင်မြင်ယူဆချက်နှင့်အညီ ရှိ/မရှိ အကွက်အတွင်း၌ အမှန် (✓) ခြစ်၍ ဖြေဆိုပေးနိုင်ပါသည်။

စဉ်	မေးခွန်း	ရှိ	မရှိ	မှတ်ချက်
၁	အလုပ်အကိုင် အခွင့်အလမ်းများပိုမို ရရှိလာနိုင်ခြင်း ရှိ/မရှိ	✓		
၂	လူမှုစီးပွားရေးအပေါ် ထိခိုက်နိုင်ခြင်း ရှိ/မရှိ		✓	
၃	ဥပဒေနှင့်အညီ ပွင့်လင်းမြင်သာစွာ ဆောင်ရွက်ခြင်း ရှိ/မရှိ	✓		
၄	ကျန်းမာရေး နှင့် ဘေးကင်းလုံခြုံရေး အပေါ် ဆိုးကျိုးသက်ရောက်မှု ရှိနိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၅	သဘာဝ ပတ်ဝန်းကျင်အပေါ် ဆိုးကျိုးသက်ရောက် နိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၆	စီမံကိန်းအား ဆောင်ရွက်သင့်သည်ဟု ထင်မြင်ယူဆခြင်း ရှိ/မရှိ	✓		

သီးခြားဖြည့်စွက်ဖော်ပြလိုပါက ဤစာအောက်တွင်ဖော်ပြပေးနိုင်ပါသည်။

Sono Smart Link Company Limited ၏ Skytec Industrial Park အတွင်းရှိအမှတ်(အေ ၀၀၃၊ ၀၀၄)၊ အကွက်အမှတ် (၅) မြေတိုင်းရပ်ကွက်အမှတ် (၁၄၄/၁)၊ ဒဂုံမြို့သစ်(တောင်ပိုင်း)မြို့နယ် ရန်ကုန်တိုင်းဒေသကြီး လျှပ်စစ်အပိုပစ္စည်း အမျိုးမျိုး ထုတ်လုပ်ခြင်း လုပ်ငန်းစက်ရုံ စီမံကိန်းနှင့် ပတ်သတ်၍ ပတ်ဝန်းကျင်ထိန်းသိမ်းရေးဆိုင်ရာ တွေ့ဆုံဆွေးနွေးပွဲ တက်ရောက်သူများစာရင်း

(18.7.22) ရက်နေ့

ဖြေကြားသူဆိုင်ရာအချက်အလက်များ

အမည်	-	[illegible]
အသက်	-	42
အလုပ်အကိုင်	-	[illegible]
လိပ်စာ/ဖုန်းနံပါတ်	-	[illegible]
လက်မှတ်	-	[illegible]

စီမံကိန်းအပေါ် သဘောထား/အကြံပြုချက်

မိမိ၏ ထင်မြင်ယူဆချက်နှင့်အညီ ရှိ/မရှိ အကွက်အတွင်း၌ အမှန် (✓) ခြစ်၍ ဖြေဆိုပေးနိုင်ပါသည်။

စဉ်	မေးခွန်း	ရှိ	မရှိ	မှတ်ချက်
၁	အလုပ်အကိုင် အခွင့်အလမ်းများပိုမို ရရှိလာနိုင်ခြင်း ရှိ/မရှိ	✓		
၂	လူမှုစီးပွားရေးအပေါ် ထိခိုက်နိုင်ခြင်း ရှိ/မရှိ		✓	
၃	ဥပဒေနှင့်အညီ ပွင့်လင်းမြင်သာစွာ ဆောင်ရွက်ခြင်း ရှိ/မရှိ	✓		
၄	ကျန်းမာရေး နှင့် ဘေးကင်းလုံခြုံရေး အပေါ် ဆိုးကျိုးသက်ရောက်မှု ရှိနိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၅	သဘာဝ ပတ်ဝန်းကျင်အပေါ် ဆိုးကျိုးသက်ရောက် နိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၆	စီမံကိန်းအား ဆောင်ရွက်သင့်သည်ဟု ထင်မြင်ယူဆခြင်း ရှိ/မရှိ	✓		

သီးခြားဖြည့်စွက်ဖော်ပြလိုပါက ဤစာအောက်တွင်ဖော်ပြပေးနိုင်ပါသည်။

Sono Smart Link Company Limited ၏ Skytec Industrial Park အတွင်းရှိအမှတ်(အေ ဝဝ၃၊ ဝဝ၄)၊ အကွက်အမှတ် (၅) မြေတိုင်းရပ်ကွက်အမှတ် (၁၄၄/၁) ၊ ဒဂုံမြို့သစ်(တောင်ပိုင်း)မြို့နယ် ရန်ကုန်တိုင်းဒေသကြီး လျှပ်စစ်အဝိုပစ္စည်း အမျိုးမျိုး ထုတ်လုပ်ခြင်း လုပ်ငန်းစက်ရုံ စီမံကိန်းနှင့် ပတ်သတ်၍ ပတ်ဝန်းကျင်ထိန်းသိမ်းရေးဆိုင်ရာ တွေ့ဆုံဆွေးနွေးပွဲ တက်ရောက်သူများစာရင်း

(18.7.22) **ရက်နေ့**

ဖြေကြားသူဆိုင်ရာအချက်အလက်များ

အမည်	-	ဒေါ်နှင်းမာမာ
အသက်	-	၃၅
အလုပ်အကိုင်	-	ရုံးဝန်း
လိပ်စာ/ဖုန်းနံပါတ်	-	ရှေ့ပြည်သာ
လက်မှတ်	-	

စီမံကိန်းအပေါ် သဘောထား/အကြံပြုချက်

မိမိ၏ ထင်မြင်ယူဆချက်နှင့်အညီ ရှိ/မရှိ အကွက်အတွင်း၌ အမှန် (✓) ခြစ်၍ ဖြေဆိုပေးနိုင်ပါသည်။

စဉ်	မေးခွန်း	ရှိ	မရှိ	မှတ်ချက်
၁	အလုပ်အကိုင် အခွင့်အလမ်းများပိုမို ရရှိလာနိုင်ခြင်း ရှိ/မရှိ	✓		
၂	လူမှုစီးပွားရေးအပေါ် ထိခိုက်နိုင်ခြင်း ရှိ/မရှိ		✓	
၃	ဥပဒေနှင့်အညီ ပွင့်လင်းမြင်သာစွာ ဆောင်ရွက်ခြင်း ရှိ/မရှိ	✓		
၄	ကျန်းမာရေး နှင့် ဘေးကင်းလုံခြုံရေး အပေါ် ဆိုးကျိုးသက်ရောက်မှု ရှိနိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၅	သဘာဝ ပတ်ဝန်းကျင်အပေါ် ဆိုးကျိုးသက်ရောက် နိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၆	စီမံကိန်းအား ဆောင်ရွက်သင့်သည်ဟု ထင်မြင်ယူဆခြင်း ရှိ/မရှိ	✓		

သီးခြားဖြည့်စွက်ဖော်ပြလိုပါက ဤစာအောက်တွင်ဖော်ပြပေးနိုင်ပါသည်။

Sono Smart Link Company Limited ၏ Skytec Industrial Park အတွင်းရှိအမှတ်(အေ ၀၀၃၊ ၀၀၄)၊ အကွက်အမှတ် (၅) မြေတိုင်းရပ်ကွက်အမှတ် (၁၄၄/၁) ၊ ဒဂုံမြို့သစ်(တောင်ပိုင်း)မြို့နယ် ရန်ကုန်တိုင်းဒေသကြီး လျှပ်စစ်အပိုပစ္စည်း အမျိုးမျိုး ထုတ်လုပ်ခြင်း လုပ်ငန်းစက်ရုံ စီမံကိန်းနှင့် ပတ်သတ်၍ ပတ်ဝန်းကျင်ထိန်းသိမ်းရေးဆိုင်ရာ တွေ့ဆုံဆွေးနွေးပွဲ တက်ရောက်သူများစာရင်း

(18.7.22) ရက်နေ့

ဖြေကြားသူဆိုင်ရာအချက်အလက်များ

အမည်	-	ဦးခန်ရည်ထွဋ်
အသက်	-	37
အလုပ်အကိုင်	-	ဝန်ထမ်း
လိပ်စာ/ဖုန်းနံပါတ်	-	ဧမြာမြနည်သာ
လက်မှတ်	-	(signature)

စီမံကိန်းအပေါ် သဘောထား/အကြံပြုချက်

မိမိ၏ ထင်မြင်ယူဆချက်နှင့်အညီ ရှိ/မရှိ အကွက်အတွင်း၌ အမှန် (✓) ခြစ်၍ ဖြေဆိုပေးနိုင်ပါသည်။

စဉ်	မေးခွန်း	ရှိ	မရှိ	မှတ်ချက်
၁	အလုပ်အကိုင် အခွင့်အလမ်းများပိုမို ရရှိလာနိုင်ခြင်း ရှိ/မရှိ	✓		
၂	လူမှုစီးပွားရေးအပေါ် ထိခိုက်နိုင်ခြင်း ရှိ/မရှိ		✓	
၃	ဥပဒေနှင့်အညီ ပွင့်လင်းမြင်သာစွာ ဆောင်ရွက်ခြင်း ရှိ/မရှိ	✓		
၄	ကျန်းမာရေး နှင့် ဘေးကင်းလုံခြုံရေး အပေါ် ဆိုးကျိုးသက်ရောက်မှု ရှိနိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၅	သဘာဝ ပတ်ဝန်းကျင်အပေါ် ဆိုးကျိုးသက်ရောက် နိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၆	စီမံကိန်းအား ဆောင်ရွက်သင့်သည်ဟု ထင်မြင်ယူဆခြင်း ရှိ/မရှိ	✓		

သီးခြားဖြည့်စွက်ဖော်ပြလိုပါက ဤစာအောက်တွင်ဖော်ပြပေးနိုင်ပါသည်။

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(18.7.22) ရက်နေ့

ဖြေကြားသူဆိုင်ရာအချက်အလက်များ

အမည်	-	ဒေါ်ခင်ချိုးနွယ်
အသက်	-	40
အလုပ်အကိုင်	-	ဝန်ထမ်း
လိပ်စာ/ဖုန်းနံပါတ်	-	မြွေဖြည်သာမြို့နယ်
လက်မှတ်	-	Nue

စီမံကိန်းအပေါ် သဘောထား/အကြံပြုချက်

မိမိ၏ ထင်မြင်ယူဆချက်နှင့်အညီ ရှိ/မရှိ အကွက်အတွင်း၌ အမှန် (✓) ခြစ်၍ ဖြေဆိုပေးနိုင်ပါသည်။

စဉ်	မေးခွန်း	ရှိ	မရှိ	မှတ်ချက်
၁	အလုပ်အကိုင် အခွင့်အလမ်းများပိုမို ရရှိလာနိုင်ခြင်း ရှိ/မရှိ	✓		
၂	လူမှုစီးပွားရေးအပေါ် ထိခိုက်နိုင်ခြင်း ရှိ/မရှိ		✓	
၃	ဥပဒေနှင့်အညီ ပွင့်လင်းမြင်သာစွာ ဆောင်ရွက်ခြင်း ရှိ/မရှိ	✓		
၄	ကျန်းမာရေး နှင့် ဘေးကင်းလုံခြုံရေး အပေါ် ဆိုးကျိုးသက်ရောက်မှု ရှိနိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၅	သဘာဝ ပတ်ဝန်းကျင်အပေါ် ဆိုးကျိုးသက်ရောက် နိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၆	စီမံကိန်းအား ဆောင်ရွက်သင့်သည်ဟု ထင်မြင်ယူဆခြင်း ရှိ/မရှိ	✓		

သီးခြားဖြည့်စွက်ဖော်ပြလိုပါက ဤစာအောက်တွင်ဖော်ပြပေးနိုင်ပါသည်။

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(18.7.22) ရက်နေ့

ဖြေကြားသူဆိုင်ရာအချက်အလက်များ

အမည်	-	ဒေါ်မော်ဝေ
အသက်	-	၅၇
အလုပ်အကိုင်	-	ဝန်ထမ်း
လိပ်စာ/ဖုန်းနံပါတ်	-	ဒဂုံဖြည့်သစ်
လက်မှတ်	-	

စီမံကိန်းအပေါ် သဘောထား/အကြံပြုချက်

မိမိ၏ ထင်မြင်ယူဆချက်နှင့်အညီ ရှိ/မရှိ အကွက်အတွင်း၌ အမှန် (✓) ခြစ်၍ ဖြေဆိုပေးနိုင်ပါသည်။

စဉ်	မေးခွန်း	ရှိ	မရှိ	မှတ်ချက်
၁	အလုပ်အကိုင် အခွင့်အလမ်းများပိုမို ရရှိလာနိုင်ခြင်း ရှိ/မရှိ	✓		
၂	လူမှုစီးပွားရေးအပေါ် ထိခိုက်နိုင်ခြင်း ရှိ/မရှိ		✓	
၃	ဥပဒေနှင့်အညီ ပွင့်လင်းမြင်သာစွာ ဆောင်ရွက်ခြင်း ရှိ/မရှိ	✓		
၄	ကျန်းမာရေး နှင့် ဘေးကင်းလုံခြုံရေး အပေါ် ဆိုးကျိုးသက်ရောက်မှု ရှိနိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၅	သဘာဝ ပတ်ဝန်းကျင်အပေါ် ဆိုးကျိုးသက်ရောက် နိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၆	စီမံကိန်းအား ဆောင်ရွက်သင့်သည်ဟု ထင်မြင်ယူဆခြင်း ရှိ/မရှိ	✓		

သီးခြားဖြည့်စွက်ဖော်ပြလိုပါက ဤစာအောက်တွင်ဖော်ပြပေးနိုင်ပါသည်။

Sono Smart Link Company Limited ၏ Skytec Industrial Park အတွင်းရှိအမှတ်(အေ ၀၀၃၊ ၀၀၄)၊ အကွက်အမှတ် (၅) မြေတိုင်းရပ်ကွက်အမှတ် (၁၄၄/၁) ၊ ဒဂုံမြို့သစ်(တောင်ပိုင်း)မြို့နယ် ရန်ကုန်တိုင်းဒေသကြီး လျှပ်စစ်အပိုပစ္စည်း အမျိုးမျိုး ထုတ်လုပ်ခြင်း လုပ်ငန်းစက်ရုံ စီမံကိန်းနှင့် ပတ်သတ်၍ ပတ်ဝန်းကျင်ထိန်းသိမ်းရေးဆိုင်ရာ တွေ့ဆုံဆွေးနွေးပွဲ တက်ရောက်သူများစာရင်း

(18.7.2)ရက်နေ့

ဖြေကြားသူဆိုင်ရာအချက်အလက်များ

အမည်	-	ဒေါ်သဲနွယ်ထွန်း
အသက်	-	36
အလုပ်အကိုင်	-	ရုံးဝန်ထမ်း
လိပ်စာ/ဖုန်းနံပါတ်	-	ရွှေပြည်သာ
လက်မှတ်	-	[signature]

စီမံကိန်းအပေါ် သဘောထား/အကြံပြုချက်

မိမိ၏ ထင်မြင်ယူဆချက်နှင့်အညီ ရှိ/မရှိ အကွက်အတွင်း၌ အမှန် (✓) ခြစ်၍ ဖြေဆိုပေးနိုင်ပါသည်။

စဉ်	မေးခွန်း	ရှိ	မရှိ	မှတ်ချက်
၁	အလုပ်အကိုင် အခွင့်အလမ်းများပိုမို ရရှိလာနိုင်ခြင်း ရှိ/မရှိ	✓		
၂	လူမှုစီးပွားရေးအပေါ် ထိခိုက်နိုင်ခြင်း ရှိ/မရှိ		✓	
၃	ဥပဒေနှင့်အညီ ပွင့်လင်းမြင်သာစွာ ဆောင်ရွက်ခြင်း ရှိ/မရှိ	✓		
၄	ကျန်းမာရေး နှင့် ဘေးကင်းလုံခြုံရေး အပေါ် ဆိုးကျိုးသက်ရောက်မှု ရှိနိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၅	သဘာဝ ပတ်ဝန်းကျင်အပေါ် ဆိုးကျိုးသက်ရောက် နိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၆	စီမံကိန်းအား ဆောင်ရွက်သင့်သည်ဟု ထင်မြင်ယူဆခြင်း ရှိ/မရှိ	✓		

သီးခြားဖြည့်စွက်ဖော်ပြလိုပါက ဤစာအောက်တွင်ဖော်ပြပေးနိုင်ပါသည်။

Sono Smart Link Company Limited ၏ Skytec Industrial Park အတွင်းရှိအမှတ်(အေ ၀၀၃၊ ၀၀၄)၊ အကွက်အမှတ် (၅) မြေတိုင်းရပ်ကွက်အမှတ် (၁၄၄/၁) ၊ ဒဂုံမြို့သစ်(တောင်ပိုင်း)မြို့နယ် ရန်ကုန်တိုင်းဒေသကြီး လျှပ်စစ်အပိုပစ္စည်း အမျိုးမျိုး ထုတ်လုပ်ခြင်း လုပ်ငန်းစက်ရုံ စီမံကိန်းနှင့် ပတ်သတ်၍ ပတ်ဝန်းကျင်ထိန်းသိမ်းရေးဆိုင်ရာ တွေ့ဆုံဆွေးနွေးပွဲ တက်ရောက်သူများစာရင်း

(18.7.22) ရက်နေ့

ဖြေကြားသူဆိုင်ရာအချက်အလက်များ

အမည်	-	ဦး [handwritten name]
အသက်	-	29
အလုပ်အကိုင်	-	ရာထူး:
လိပ်စာ/ဖုန်းနံပါတ်	-	[handwritten address]
လက်မှတ်	-	[signature]

စီမံကိန်းအပေါ် သဘောထား/အကြံပြုချက်

မိမိ၏ ထင်မြင်ယူဆချက်နှင့်အညီ ရှိ/မရှိ အကွက်အတွင်း၌ အမှန် (✓) ခြစ်၍ ဖြေဆိုပေးနိုင်ပါသည်။

စဉ်	မေးခွန်း	ရှိ	မရှိ	မှတ်ချက်
၁	အလုပ်အကိုင် အခွင့်အလမ်းများပိုမို ရရှိလာနိုင်ခြင်း ရှိ/မရှိ	✓		
၂	လူမှုစီးပွားရေးအပေါ် ထိခိုက်နိုင်ခြင်း ရှိ/မရှိ		✓	
၃	ဥပဒေနှင့်အညီ ပွင့်လင်းမြင်သာစွာ ဆောင်ရွက်ခြင်း ရှိ/မရှိ	✓		
၄	ကျန်းမာရေး နှင့် ဘေးကင်းလုံခြုံရေး အပေါ် ဆိုးကျိုးသက်ရောက်မှု ရှိနိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၅	သဘာဝ ပတ်ဝန်းကျင်အပေါ် ဆိုးကျိုးသက်ရောက် နိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၆	စီမံကိန်းအား ဆောင်ရွက်သင့်သည်ဟု ထင်မြင်ယူဆခြင်း ရှိ/မရှိ	✓		

သီးခြားဖြည့်စွက်ဖော်ပြလိုပါက ဤစာအောက်တွင်ဖော်ပြပေးနိုင်ပါသည်။

Sono Smart Link Company Limited ၏ Skytec Industrial Park အတွင်းရှိအမှတ်(အေ ၀၀၃၊ ၀၀၄)၊ အကွက်အမှတ် (၅) မြေတိုင်းရပ်ကွက်အမှတ် (၁၄၄/၁)၊ ဒဂုံမြို့သစ်(တောင်ပိုင်း)မြို့နယ် ရန်ကုန်တိုင်းဒေသကြီး လျှပ်စစ်အပိုပစ္စည်း အမျိုးမျိုး ထုတ်လုပ်ခြင်း လုပ်ငန်းစက်ရုံ စီမံကိန်းနှင့် ပတ်သတ်၍ ပတ်ဝန်းကျင်ထိန်းသိမ်းရေးဆိုင်ရာ တွေ့ဆုံဆွေးနွေးပွဲ တက်ရောက်သူများစာရင်း

(18.7.22) ရက်နေ့

ဖြေကြားသူဆိုင်ရာအချက်အလက်များ

အမည်	-	ဦး [illegible]
အသက်	-	၃၃
အလုပ်အကိုင်	-	လယ်ထွန်
လိပ်စာ/ဖုန်းနံပါတ်	-	ရွှေပြည်သာ
လက်မှတ်	-	Inlai

စီမံကိန်းအပေါ် သဘောထား/အကြံပြုချက်

မိမိ၏ ထင်မြင်ယူဆချက်နှင့်အညီ ရှိ/မရှိ အကွက်အတွင်း၌ အမှန် (✓) ခြစ်၍ ဖြေဆိုပေးနိုင်ပါသည်။

စဥ်	မေးခွန်း	ရှိ	မရှိ	မှတ်ချက်
၁	အလုပ်အကိုင် အခွင့်အလမ်းများပိုမို ရရှိလာနိုင်ခြင်း ရှိ/မရှိ	✓		
၂	လူမှုစီးပွားရေးအပေါ် ထိခိုက်နိုင်ခြင်း ရှိ/မရှိ		✓	
၃	ဥပဒေနှင့်အညီ ပွင့်လင်းမြင်သာစွာ ဆောင်ရွက်ခြင်း ရှိ/မရှိ	✓		
၄	ကျန်းမာရေး နှင့် ဘေးကင်းလုံခြုံရေး အပေါ် ဆိုးကျိုးသက်ရောက်မှု ရှိနိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၅	သဘာဝ ပတ်ဝန်းကျင်အပေါ် ဆိုးကျိုးသက်ရောက် နိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၆	စီမံကိန်းအား ဆောင်ရွက်သင့်သည်ဟု ထင်မြင်ယူဆခြင်း ရှိ/မရှိ	✓		

သီးခြားဖြည့်စွက်ဖော်ပြလိုပါက ဤစာအောက်တွင်ဖော်ပြပေးနိုင်ပါသည်။

Sono Smart Link Company Limited ၏ Skytec Industrial Park အတွင်းရှိအမှတ်(အေ ဝဝ၃၊ ဝဝ၄)၊ အကွက်အမှတ် (၅) မြေတိုင်းရပ်ကွက်အမှတ် (၁၄၄/၁) ၊ ဒဂုံမြို့သစ်(တောင်ပိုင်း)မြို့နယ် ရန်ကုန်တိုင်းဒေသကြီး လျှပ်စစ်အဝိုပစ္စည်း အမျိုးမျိုး ထုတ်လုပ်ခြင်း လုပ်ငန်းစက်ရုံ စီမံကိန်းနှင့် ပတ်သတ်၍ ပတ်ဝန်းကျင်ထိန်းသိမ်းရေးဆိုင်ရာ တွေ့ဆုံဆွေးနွေးပွဲ တက်ရောက်သူများစာရင်း

(18.7.24) ရက်နေ့

ဖြေကြားသူဆိုင်ရာအချက်အလက်များ

အမည်	-	ဒေါ်[illegible]
အသက်	-	၃၄
အလုပ်အကိုင်	-	တိုဆန်
လိပ်စာ/ဖုန်းနံပါတ်	-	[illegible]
လက်မှတ်	-	Mya

စီမံကိန်းအပေါ် သဘောထား/အကြံပြုချက်

မိမိ၏ ထင်မြင်ယူဆချက်နှင့်အညီ ရှိ/မရှိ အကွက်အတွင်း၌ အမှန် (✓) ခြစ်၍ ဖြေဆိုပေးနိုင်ပါသည်။

စဉ်	မေးခွန်း	ရှိ	မရှိ	မှတ်ချက်
၁	အလုပ်အကိုင် အခွင့်အလမ်းများပိုမို ရရှိလာနိုင်ခြင်း ရှိ/မရှိ	✓		
၂	လူမှုစီးပွားရေးအပေါ် ထိခိုက်နိုင်ခြင်း ရှိ/မရှိ		✓	
၃	ဥပဒေနှင့်အညီ ပွင့်လင်းမြင်သာစွာ ဆောင်ရွက်ခြင်း ရှိ/မရှိ	✓		
၄	ကျန်းမာရေး နှင့် ဘေးကင်းလုံခြုံရေး အပေါ် ဆိုးကျိုးသက်ရောက်မှု ရှိနိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၅	သဘာဝ ပတ်ဝန်းကျင်အပေါ် ဆိုးကျိုးသက်ရောက် နိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၆	စီမံကိန်းအား ဆောင်ရွက်သင့်သည်ဟု ထင်မြင်ယူဆခြင်း ရှိ/မရှိ	✓		

သီးခြားဖြည့်စွက်ဖော်ပြလိုပါက ဤစာအောက်တွင်ဖော်ပြပေးနိုင်ပါသည်။

Sono Smart Link Company Limited ၏ Skytec Industrial Park အတွင်းရှိအမှတ်(အေ ၀၀၃၊ ၀၀၄)၊ အကွက်အမှတ် (၅) မြေတိုင်းရပ်ကွက်အမှတ် (၁၄၄/၁) ၊ ဒဂုံမြို့သစ်(တောင်ပိုင်း)မြို့နယ် ရန်ကုန်တိုင်းဒေသကြီး လျှပ်စစ်အပိုပစ္စည်း အမျိုးမျိုး ထုတ်လုပ်ခြင်း လုပ်ငန်းစက်ရုံ စီမံကိန်းနှင့် ပတ်သတ်၍ ပတ်ဝန်းကျင်ထိန်းသိမ်းရေးဆိုင်ရာ တွေ့ဆုံဆွေးနွေးပွဲ တက်ရောက်သူများစာရင်း

(18.7.22) ရက်နေ့

ဖြေကြားသူဆိုင်ရာအချက်အလက်များ

အမည်	-	ဦးဇော်မင်းအောင်
အသက်	-	၃၃
အလုပ်အကိုင်	-	ဝန်ထမ်း
လိပ်စာ/ဖုန်းနံပါတ်	-	ရွှေမြင့်သာ
လက်မှတ်	-	Aye

စီမံကိန်းအပေါ် သဘောထား/အကြံပြုချက်

မိမိ၏ ထင်မြင်ယူဆချက်နှင့်အညီ ရှိ/မရှိ အကွက်အတွင်း၌ အမှန် (✓) ခြစ်၍ ဖြေဆိုပေးနိုင်ပါသည်။

စဉ်	မေးခွန်း	ရှိ	မရှိ	မှတ်ချက်
၁	အလုပ်အကိုင် အခွင့်အလမ်းများပိုမို ရရှိလာနိုင်ခြင်း ရှိ/မရှိ	✓		
၂	လူမှုစီးပွားရေးအပေါ် ထိခိုက်နိုင်ခြင်း ရှိ/မရှိ		✓	
၃	ဥပဒေနှင့်အညီ ပွင့်လင်းမြင်သာစွာ ဆောင်ရွက်ခြင်း ရှိ/မရှိ	✓		
၄	ကျန်းမာရေး နှင့် ဘေးကင်းလုံခြုံရေး အပေါ် ဆိုးကျိုးသက်ရောက်မှု ရှိနိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၅	သဘာဝ ပတ်ဝန်းကျင်အပေါ် ဆိုးကျိုးသက်ရောက် နိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၆	စီမံကိန်းအား ဆောင်ရွက်သင့်သည်ဟု ထင်မြင်ယူဆခြင်း ရှိ/မရှိ	✓		

သီးခြားဖြည့်စွက်ဖော်ပြလိုပါက ဤစာအောက်တွင်ဖော်ပြပေးနိုင်ပါသည်။

Sono Smart Link Company Limited ၏ Skytec Industrial Park အတွင်းရှိအမှတ်(အေ ၀၀၃၊ ၀၀၄)၊ အကွက်အမှတ် (၅) မြေတိုင်းရပ်ကွက်အမှတ် (၁၄၄/၁) ၊ ဒဂုံမြို့သစ်(တောင်ပိုင်း)မြို့နယ် ရန်ကုန်တိုင်းဒေသကြီး လျှပ်စစ်အပိုပစ္စည်း အမျိုးမျိုး ထုတ်လုပ်ခြင်း လုပ်ငန်းစက်ရုံ စီမံကိန်းနှင့် ပတ်သတ်၍ ပတ်ဝန်းကျင်ထိန်းသိမ်းရေးဆိုင်ရာ တွေ့ဆုံဆွေးနွေးပွဲ တက်ရောက်သူများစာရင်း

(18.7.22) ရက်နေ့

ဖြေကြားသူဆိုင်ရာအချက်အလက်များ

အမည်	-	ဦးအောင်သက်
အသက်	-	၃၀
အလုပ်အကိုင်	-	ဝန်ထမ်း
လိပ်စာ/ဖုန်းနံပါတ်	-	ရွှေပြည်သာ
လက်မှတ်	-	Thet

စီမံကိန်းအပေါ် သဘောထား/အကြံပြုချက်

မိမိ၏ ထင်မြင်ယူဆချက်နှင့်အညီ ရှိ/မရှိ အကွက်အတွင်း၌ အမှန် (✓) ခြစ်၍ ဖြေဆိုပေးနိုင်ပါသည်။

စဉ်	မေးခွန်း	ရှိ	မရှိ	မှတ်ချက်
၁	အလုပ်အကိုင် အခွင့်အလမ်းများပိုမို ရရှိလာနိုင်ခြင်း ရှိ/မရှိ	✓		
၂	လူမှုစီးပွားရေးအပေါ် ထိခိုက်နိုင်ခြင်း ရှိ/မရှိ		✓	
၃	ဥပဒေနှင့်အညီ ပွင့်လင်းမြင်သာစွာ ဆောင်ရွက်ခြင်း ရှိ/မရှိ	✓		
၄	ကျန်းမာရေး နှင့် ဘေးကင်းလုံခြုံရေး အပေါ် ဆိုးကျိုးသက်ရောက်မှု ရှိနိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၅	သဘာဝ ပတ်ဝန်းကျင်အပေါ် ဆိုးကျိုးသက်ရောက် နိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၆	စီမံကိန်းအား ဆောင်ရွက်သင့်သည်ဟု ထင်မြင်ယူဆခြင်း ရှိ/မရှိ	✓		

သီးခြားဖြည့်စွက်ဖော်ပြလိုပါက ဤစာအောက်တွင်ဖော်ပြပေးနိုင်ပါသည်။

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(18.7.22) ရက်နေ့

ဖြေကြားသူဆိုင်ရာအချက်အလက်များ

အမည်	-	ဒေါ်မြင့်မြင့်ရှိန်
အသက်	-	35
အလုပ်အကိုင်	-	ဝန်ထမ်း
လိပ်စာ/ဖုန်းနံပါတ်	-	ရွှေပြည်သာ
လက်မှတ်	-	Myint

စီမံကိန်းအပေါ် သဘောထား/အကြံပြုချက်

မိမိ၏ ထင်မြင်ယူဆချက်နှင့်အညီ ရှိ/မရှိ အကွက်အတွင်း၌ အမှန် (✓) ခြစ်၍ ဖြေဆိုပေးနိုင်ပါသည်။

စဉ်	မေးခွန်း	ရှိ	မရှိ	မှတ်ချက်
၁	အလုပ်အကိုင် အခွင့်အလမ်းများပိုမို ရရှိလာနိုင်ခြင်း ရှိ/မရှိ	✓		
၂	လူမှုစီးပွားရေးအပေါ် ထိခိုက်နိုင်ခြင်း ရှိ/မရှိ		✓	
၃	ဥပဒေနှင့်အညီ ပွင့်လင်းမြင်သာစွာ ဆောင်ရွက်ခြင်း ရှိ/မရှိ	✓		
၄	ကျန်းမာရေး နှင့် ဘေးကင်းလုံခြုံရေး အပေါ် ဆိုးကျိုးသက်ရောက်မှု ရှိနိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၅	သဘာဝ ပတ်ဝန်းကျင်အပေါ် ဆိုးကျိုးသက်ရောက် နိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၆	စီမံကိန်းအား ဆောင်ရွက်သင့်သည်ဟု ထင်မြင်ယူဆခြင်း ရှိ/မရှိ	✓		

သီးခြားဖြည့်စွက်ဖော်ပြလိုပါက ဤစာအောက်တွင်ဖော်ပြပေးနိုင်ပါသည်။

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(18.7.22) ရက်နေ့

ဖြေကြားသူဆိုင်ရာအချက်အလက်များ

အမည်	-	ဒေါ်ဝင်ဝင်ကြိုင်
အသက်	-	၄၇
အလုပ်အကိုင်	-	စက်ထမ်း
လိပ်စာ/ဖုန်းနံပါတ်	-	ရွှေပြည်သာ
လက်မှတ်	-	(signature)

စီမံကိန်းအပေါ် သဘောထား/အကြံပြုချက်

မိမိ၏ ထင်မြင်ယူဆချက်နှင့်အညီ ရှိ/မရှိ အကွက်အတွင်း၌ အမှန် (✓) ခြစ်၍ ဖြေဆိုပေးနိုင်ပါသည်။

စဉ်	မေးခွန်း	ရှိ	မရှိ	မှတ်ချက်
၁	အလုပ်အကိုင် အခွင့်အလမ်းများပိုမို ရရှိလာနိုင်ခြင်း ရှိ/မရှိ	✓		
၂	လူမှုစီးပွားရေးအပေါ် ထိခိုက်နိုင်ခြင်း ရှိ/မရှိ		✓	
၃	ဥပဒေနှင့်အညီ ပွင့်လင်းမြင်သာစွာ ဆောင်ရွက်ခြင်း ရှိ/မရှိ	✓		
၄	ကျန်းမာရေး နှင့် ဘေးကင်းလုံခြုံရေး အပေါ် ဆိုးကျိုးသက်ရောက်မှု ရှိနိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၅	သဘာဝ ပတ်ဝန်းကျင်အပေါ် ဆိုးကျိုးသက်ရောက် နိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၆	စီမံကိန်းအား ဆောင်ရွက်သင့်သည်ဟု ထင်မြင်ယူဆခြင်း ရှိ/မရှိ	✓		

သီးခြားဖြည့်စွက်ဖော်ပြလိုပါက ဤစာအောက်တွင်ဖော်ပြပေးနိုင်ပါသည်။

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(18.7.22) ရက်နေ့

ဖြေကြားသူဆိုင်ရာအချက်အလက်များ

အမည်	-	ဦး ခင်မောင်နိုင်
အသက်	-	၃၁
အလုပ်အကိုင်	-	ဝန်ထမ်း
လိပ်စာ/ဖုန်းနံပါတ်	-	ရွှေပြည်သာ
လက်မှတ်	-	[signature]

စီမံကိန်းအပေါ် သဘောထား/အကြံပြုချက်

မိမိ၏ ထင်မြင်ယူဆချက်နှင့်အညီ ရှိ/မရှိ အကွက်အတွင်း၌ အမှန် (✓) ခြစ်၍ ဖြေဆိုပေးနိုင်ပါသည်။

စဉ်	မေးခွန်း	ရှိ	မရှိ	မှတ်ချက်
၁	အလုပ်အကိုင် အခွင့်အလမ်းများပိုမို ရရှိလာနိုင်ခြင်း ရှိ/မရှိ	✓		
၂	လူမှုစီးပွားရေးအပေါ် ထိခိုက်နိုင်ခြင်း ရှိ/မရှိ		✓	
၃	ဥပဒေနှင့်အညီ ပွင့်လင်းမြင်သာစွာ ဆောင်ရွက်ခြင်း ရှိ/မရှိ	✓		
၄	ကျန်းမာရေး နှင့် ဘေးကင်းလုံခြုံရေး အပေါ် ဆိုးကျိုးသက်ရောက်မှု ရှိနိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ	✓		
၅	သဘာဝ ပတ်ဝန်းကျင်အပေါ် ဆိုးကျိုးသက်ရောက် နိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၆	စီမံကိန်းအား ဆောင်ရွက်သင့်သည်ဟု ထင်မြင်ယူဆခြင်း ရှိ/မရှိ	✓		

သီးခြားဖြည့်စွက်ဖော်ပြလိုပါက ဤစာအောက်တွင်ဖော်ပြပေးနိုင်ပါသည်။

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(18.7.22) ရက်နေ့

ဖြေကြားသူဆိုင်ရာအချက်အလက်များ

အမည်	-	ဦး[illegible]
အသက်	-	၄၉
အလုပ်အကိုင်	-	[illegible]
လိပ်စာ/ဖုန်းနံပါတ်	-	[illegible] မြို့နယ်
လက်မှတ်	-	(signature)

စီမံကိန်းအပေါ် သဘောထား/အကြံပြုချက်

မိမိ၏ ထင်မြင်ယူဆချက်နှင့်အညီ ရှိ/မရှိ အကွက်အတွင်း၌ အမှန် (✓) ခြစ်၍ ဖြေဆိုပေးနိုင်ပါသည်။

စဉ်	မေးခွန်း	ရှိ	မရှိ	မှတ်ချက်
၁	အလုပ်အကိုင် အခွင့်အလမ်းများပိုမို ရရှိလာနိုင်ခြင်း ရှိ/မရှိ	✓		
၂	လူမှုစီးပွားရေးအပေါ် ထိခိုက်နိုင်ခြင်း ရှိ/မရှိ		✓	
၃	ဥပဒေနှင့်အညီ ပွင့်လင်းမြင်သာစွာ ဆောင်ရွက်ခြင်း ရှိ/မရှိ	✓		
၄	ကျန်းမာရေး နှင့် ဘေးကင်းလုံခြုံရေး အပေါ် ဆိုးကျိုးသက်ရောက်မှု ရှိနိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၅	သဘာဝ ပတ်ဝန်းကျင်အပေါ် ဆိုးကျိုးသက်ရောက် နိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၆	စီမံကိန်းအား ဆောင်ရွက်သင့်သည်ဟု ထင်မြင်ယူဆခြင်း ရှိ/မရှိ	✓		

သီးခြားဖြည့်စွက်ဖော်ပြလိုပါက ဤစာအောက်တွင်ဖော်ပြပေးနိုင်ပါသည်။

Sono Smart Link Company Limited ၏ Skytec Industrial Park အတွင်းရှိအမှတ်(အေ ၀၀၃၊ ၀၀၄)၊ အကွက်အမှတ် (၅) မြေတိုင်းရပ်ကွက်အမှတ် (၁၄၄/၁) ၊ ဒဂုံမြို့သစ်(တောင်ပိုင်း)မြို့နယ် ရန်ကုန်တိုင်းဒေသကြီး လျှပ်စစ်အဝိုပစ္စည်း အမျိုးမျိုး ထုတ်လုပ်ခြင်း လုပ်ငန်းစက်ရုံ စီမံကိန်းနှင့် ပတ်သတ်၍ ပတ်ဝန်းကျင်ထိန်းသိမ်းရေးဆိုင်ရာ တွေ့ဆုံဆွေးနွေးပွဲ တက်ရောက်သူများစာရင်း

(18.7.22) ရက်နေ့

ဖြေကြားသူဆိုင်ရာအချက်အလက်များ

အမည်	-	ဦးထွန်းဓာမည်အောင်
အသက်	-	28
အလုပ်အကိုင်	-	ဝန်ထမ်း
လိပ်စာ/ဖုန်းနံပါတ်	-	ရွှေပြည်သာ
လက်မှတ်	-	(လက်မှတ်)

စီမံကိန်းအပေါ် သဘောထား/အကြံပြုချက်

မိမိ၏ ထင်မြင်ယူဆချက်နှင့်အညီ ရှိ/မရှိ အကွက်အတွင်း၌ အမှန် (✓) ခြစ်၍ ဖြေဆိုပေးနိုင်ပါသည်။

စဉ်	မေးခွန်း	ရှိ	မရှိ	မှတ်ချက်
၁	အလုပ်အကိုင် အခွင့်အလမ်းများပိုမို ရရှိလာနိုင်ခြင်း ရှိ/မရှိ	✓		
၂	လူမှုစီးပွားရေးအပေါ် ထိခိုက်နိုင်ခြင်း ရှိ/မရှိ		✓	
၃	ဥပဒေနှင့်အညီ ပွင့်လင်းမြင်သာစွာ ဆောင်ရွက်ခြင်း ရှိ/မရှိ	✓		
၄	ကျန်းမာရေး နှင့် ဘေးကင်းလုံခြုံရေး အပေါ် ဆိုးကျိုးသက်ရောက်မှု ရှိနိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၅	သဘာဝ ပတ်ဝန်းကျင်အပေါ် ဆိုးကျိုးသက်ရောက် နိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၆	စီမံကိန်းအား ဆောင်ရွက်သင့်သည်ဟု ထင်မြင်ယူဆခြင်း ရှိ/မရှိ	✓		

သီးခြားဖြည့်စွက်ဖော်ပြလိုပါက ဤစာအောက်တွင်ဖော်ပြပေးနိုင်ပါသည်။

Sono Smart Link Company Limited ၏ Skytec Industrial Park အတွင်းရှိအမှတ်(အေ ၀၀၃၊ ၀၀၄)၊ အကွက်အမှတ် (၅) မြေတိုင်းရပ်ကွက်အမှတ် (၁၄၄/၁)၊ ဒဂုံမြို့သစ်(တောင်ပိုင်း)မြို့နယ် ရန်ကုန်တိုင်းဒေသကြီး လျှပ်စစ်အပိုပစ္စည်း အမျိုးမျိုး ထုတ်လုပ်ခြင်း လုပ်ငန်းစက်ရုံ စီမံကိန်းနှင့် ပတ်သတ်၍ ပတ်ဝန်းကျင်ထိန်းသိမ်းရေးဆိုင်ရာ တွေ့ဆုံဆွေးနွေးပွဲ တက်ရောက်သူများစာရင်း

(18/07/22) ရက်နေ့

ဖြေကြားသူဆိုင်ရာအချက်အလက်များ

အမည်	-	ဦးကျော်ကျင်ဦး
အသက်	-	32
အလုပ်အကိုင်	-	ဝန်ထမ်း
လိပ်စာ/ဖုန်းနံပါတ်	-	ရွှေပြည်သာမြို့နယ်
လက်မှတ်	-	[signature]

စီမံကိန်းအပေါ် သဘောထား/အကြံပြုချက်

မိမိ၏ ထင်မြင်ယူဆချက်နှင့်အညီ ရှိ/မရှိ အကွက်အတွင်း၌ အမှန် (✓) ခြစ်၍ ဖြေဆိုပေးနိုင်ပါသည်။

စဉ်	မေးခွန်း	ရှိ	မရှိ	မှတ်ချက်
၁	အလုပ်အကိုင် အခွင့်အလမ်းများပိုမို ရရှိလာနိုင်ခြင်း ရှိ/မရှိ	✓		
၂	လူမှုစီးပွားရေးအပေါ် ထိခိုက်နိုင်ခြင်း ရှိ/မရှိ		✓	
၃	ဥပဒေနှင့်အညီ ပွင့်လင်းမြင်သာစွာ ဆောင်ရွက်ခြင်း ရှိ/မရှိ	✓		
၄	ကျန်းမာရေး နှင့် ဘေးကင်းလုံခြုံရေး အပေါ် ဆိုးကျိုးသက်ရောက်မှု ရှိနိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၅	သဘာဝ ပတ်ဝန်းကျင်အပေါ် ဆိုးကျိုးသက်ရောက် နိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၆	စီမံကိန်းအား ဆောင်ရွက်သင့်သည်ဟု ထင်မြင်ယူဆခြင်း ရှိ/မရှိ	✓		

သီးခြားဖြည့်စွက်ဖော်ပြလိုပါက ဤစာအောက်တွင်ဖော်ပြပေးနိုင်ပါသည်။

Sono Smart Link Company Limited ၏ Skytec Industrial Park အတွင်းရှိအမှတ်(အေ ဝဝ၃၊ ဝဝ၄)၊ အကွက်အမှတ် (၅) မြေတိုင်းရပ်ကွက်အမှတ် (၁၄၄/၁) ၊ ဒဂုံမြို့သစ်(တောင်ပိုင်း)မြို့နယ် ရန်ကုန်တိုင်းဒေသကြီး လျှပ်စစ်အဝိုပစ္စည်း အမျိုးမျိုး ထုတ်လုပ်ခြင်း လုပ်ငန်းစက်ရုံ စီမံကိန်းနှင့် ပတ်သတ်၍ ပတ်ဝန်းကျင်ထိန်းသိမ်းရေးဆိုင်ရာ တွေ့ဆုံဆွေးနွေးပွဲ တက်ရောက်သူများစာရင်း

(18/04/22) ရက်နေ့

ဖြေကြားသူဆိုင်ရာအချက်အလက်များ

အမည်	-	ဦးဝင်းဦး
အသက်	-	30
အလုပ်အကိုင်	-	တိုးတက်ရေး
လိပ်စာ/ဖုန်းနံပါတ်	-	ရွှေဉာဏ်သာကြီးမှူးရုံး
လက်မှတ်	-	

စီမံကိန်းအပေါ် သဘောထား/အကြံပြုချက်

မိမိ၏ ထင်မြင်ယူဆချက်နှင့်အညီ ရှိ/မရှိ အကွက်အတွင်း၌ အမှန် (✓) ခြစ်၍ ဖြေဆိုပေးနိုင်ပါသည်။

စဉ်	မေးခွန်း	ရှိ	မရှိ	မှတ်ချက်
၁	အလုပ်အကိုင် အခွင့်အလမ်းများပိုမို ရရှိလာနိုင်ခြင်း ရှိ/မရှိ	✓		
၂	လူမှုစီးပွားရေးအပေါ် ထိခိုက်နိုင်ခြင်း ရှိ/မရှိ		✓	
၃	ဥပဒေနှင့်အညီ ပွင့်လင်းမြင်သာစွာ ဆောင်ရွက်ခြင်း ရှိ/မရှိ	✓		
၄	ကျန်းမာရေး နှင့် ဘေးကင်းလုံခြုံရေး အပေါ် ဆိုးကျိုးသက်ရောက်မှု ရှိနိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၅	သဘာဝ ပတ်ဝန်းကျင်အပေါ် ဆိုးကျိုးသက်ရောက် နိုင်သည်ဟု ထင်မြင်ခြင်း ရှိ/မရှိ		✓	
၆	စီမံကိန်းအား ဆောင်ရွက်သင့်သည်ဟု ထင်မြင်ယူဆခြင်း ရှိ/မရှိ	✓		

သီးခြားဖြည့်စွက်ဖော်ပြလိုပါက ဤစာအောက်တွင်ဖော်ပြပေးနိုင်ပါသည်။
