METRO

SITE READINESS DOCUMENT

Prerequisites for METRO:

Contents:

1. Power Supply
2. Water Supply
3. Air Supply
4. Computer
5. Environment
6. Floor & Space

Power Supply

- **Printer**
    - o **Print Engine:** Total Wattage: 5500Watts @ 220Volts AC 50Hz, Sinewave
        - ▪ Uninterrupted power supplies (flicker free) should be provided as it has digital circuit.
        - ▪ Safety: 32A MCB must be used to Power this Inlet.

    - o **Belt Dryer :** Total Wattage: 4000Watts @ 220Volts AC 50Hz, Sinewave
        - ▪ Continuous (5 Sec break acceptable in 60 Secs) power supplies required.
        - ▪ Safety: 20A MCB must be used to Power this Inlet.

- **Dryer:** Total Wattage: 8500Watts @ 220Volts AC 50Hz, Sinewave
    - o Uninterrupted power supplies (flicker free) should be provided as it has digital circuit.
    - o Safety: 63A MCB must be used to Power this Inlet.

- **Feeder:**Total Wattage: 350Watts @ 220Volts AC 50Hz, Sinewave
    - o Uninterrupted power supplies (flicker free) should be provided as it has digital circuit.
    - o Safety: 5A MCB must be used to Power this Inlet.

- Wire gauge should be at least 6sqm, recommended 8sqm.
- Exclusive Earthing should be required for printer and it should not be shared with UPS & Building's common Earth.
- Printer and computer must share same exclusive earthing.

Water Supply

- 60L normal tap water for circulation
- Hose pipe inlet diameter 20mm and total length is 18mtr

Air Supply

- Air pressure rate 0.6m³/min,0.7MPA

Computer

- **Minimum requirement**
  - i5 processor (Quad Core)
  - 8GB RAM
  - 1TB HDD

- **Recommended requirement**
  - i7 processor (Quad Core)
  - 8GB RAM
  - Win7 Professional (64bit)

Environment

- Room temperature should be maintained in the range of 18-28 degree Celsius with humidity 35-80% RH, Please note: Printer is equipped with dryers, it may raise the room temperature – A 10% additional load should be considered when designing the AC
- There should not be air draught in the room
- Closed dust-free room exclusive for Printer
- Light :
  - CRI 98%
  - LUX Min 200
  - Color : 5000K

Floor & Space

Printer

- **Gross Weight:** 4738 Kg
- **Net Weight:** 4300 Kg
- **Printer Dimensions** L x W x H 5300 x 1840 x 2450 mm
- **Packing Dimensions**L x W x H 5520 x 2160 x 2533 mm

Dryer

- **Gross Weight:** 686 Kg
- **Net Weight:** 500 Kg
- **Dryer Dimensions** L x W x H 2560 x 1500 x 1350 mm
- **Packing Dimensions** L x W x H 2660x 1960 x 1770mm

Feeder

- **Gross Weight:** 658 Kg
- **Net Weight:** 617 Kg
- **Feeder Dimensions** L x W x H 2350 x 800 x 1210 mm
- **Packing Dimensions** L x W x H 2560 x 960 x 1530mm

Room Dimensions

Room Dimensions L x W x H 8500 x 8000 x 3500 mm

Note: Door opening and ceiling height should be as per above dimensions.

Please find Site Plan layout in the next sheet.