

PARTH INDUSTRIES

Gut No 48, Plot No 18, Behind ETL P-1 M.I.D.C. Waluj,
Aurangabad. 431136. 8975596100

WORK METHOD FO MACHINE INSTALLATION

- This method of statement describe the procedure for safely installation and testing of Assembly automation and SPM as per contract specification and as per the standard Practice.

General Equipment & Tools:

- The equipment that will be engaged for Installation of SPM
- Tool Box with Screwdriver, Pliers, Spanner , Hammer
- Drilling Machine with various Bits, Allen key set
- Electrical Tester , Continuity Tester ,Multi Meter
- Wire Cutter, Crimping Tools, laptop, HMI comm. cable
- Marker, Measuring tape, Level gauge / Spirit level.

Storage & Material Handling:.

- Suitable lockable storage shall be made on Site.
- The storage area must be free from dust and Water leakages / seepages.
- Machine shall be unloaded with care in designated area of the Store to avoid any damages and against the effects of weather or any construction activities of Site..
- If they are dispatch in packs or pallets, each pack of pallet shall be lifted individually with suitable lifting equipment.
- The material shall be transported / Shifted in their original packing to Site location.

Inspection of Materials:

- **Inspection of Materials:**
- Check the reference of delivered material against approved submittal and purchase order.
- **Physical Damages Inspection:**
- In case of any damages observed during inspection, the concern report will be issued and Material shall be returned to the supplier for replacement.

Sequence of Installation Works:

(1) Shifting of Machine on Site

- Prior to commencement of Panel installation works, areas and access shall be checked and confirmed by safety officer, that they are in a suitable Condition for installation works.
- Decide appropriate Size of Crain / Hydra according to weight of Panel.
- Panel shall be carefully unloaded or shifted to the site by using Crane/Hydra or by sufficient manpower and moved to a defined installation location.
- Remove the packing and ensure that the machine is free from transportation damages
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2) Installation of Machine:

- **Marking of Machine Position:**
 - Remove the Factory packing and ensure that the machine is free from transportation damages
 - Install the Machine in proper alignment and fix properly.
 - Access around the machine to be checked for future maintenance as per regulations.
 - Ensure the services contains water is away from the machine or properly protected against any accidental leakages..
 - Check & ensure adequate space is available for maintenance
 - After installation, the machine shall be properly cleaned and protected to prevent dust & contamination.
 - Before beginning installation in any area, examine all adjoining works in that area should be completed. Installation shall not proceed in that area until such conditions are corrected by the contractor.