

Safety Protocols during Installation and Commissioning of STP

1. Unloading of spare materials of STP Plant from Suppliers by Crane
2. Placing of STP Plant material on the Civil platform in process sequence wise by using crane.
3. Pipe fittings of STP plant is done using Safety Hand Gloves with other safety equipment's .
4. Filling of Media - Sand and Activated carbon to the Filter Vessel using Safety Hand Gloves and Safety Face mask.
5. All the fabrication work of STP Plant is done with Safety Goggles ,Safety helmet, Safety Shoes.
6. All wiring work of STP plant is done with Safety Hand Gloves, Safety Shoes & other safety equipment's. Earthing is provided to the STP plant.
7. Dosing chemicals are handled with Chemical Resistant gloves, Safety Face mask & Safety Goggles.
8. Ear Plug is used to avoid noise pollution near to STP Plant
9. Finally , Assembly of STP plant is done with all Safety Kit i.e. Safety Goggles, Safety helmet, Safety Shoes, Apron, Safety Face mask, Safety Hand Gloves.

Preventive measures

- 1 Wear safety shoes with non-skid soles.
- 2 Use ladders in good repair; make sure that ladder is in required position without the possibility of displacement and/or collapse; inspect ladder before climbing.
- 3 All cavities, hollow spaces, elevated working surfaces, and other locations where there is hazard of falling should be "securely fenced" by appropriate railing guards.
- 4 During work with these machines, ensure that work clothes are attached to the body; use appropriate headgear; guard all moving parts of equipment that may injure the worker.
- 5 Check electrical equipment for safety before beginning to work; call a qualified electrician for testing of suspect equipment.
- 6 All chemical supply connection points must be checked and post appropriate signs must be posted at these points.
Apply chemical safety rules when handling or working with hazardous chemicals; read MSDS and consult a safety supervisor regarding specific chemicals.
- 7 (a) Apply safety rules while working in a confined space: check air quality and, if necessary, exhaust ventilation before entering into a confined space; use harnesses that are held by your co-workers; use respirators and gas masks; etc.
- 8 Use appropriate ear protection; consult a safety supervisor or a supplier.
- 9 Work clothes should fit the climatic conditions of the work place.