**WORK INSTRUCTION FOR LUBRICATION**

Objective  Safe handling & Usage procedure for Lubrication

Scope power plant Accessories.

 Responsibility Engineer In Charge & workmen at job

PPE ‘s to be used: -      Helmet, Safety shoes, Dust masks, Hand gloves and goggles.

Work No 1 Lubrication of equipment

Work No 2 Greasing of Equipment.

Work No 3 Collection and disposal of waste oil

Aspect – impact

Oil/grease spillage Land contamination

Oil traced waste Land contamination & Resource Depletion

[Hazards identified](http://sgl-panj-sp-01:8080/../Documents%20and%20Settings/mahesh/Local%20Settings/Temporary%20Internet%20Files/4%20RISK%20ASSESMENT/WIMAINT93%20LUBRICATION.xls)

Mechanical Hazard- Fall, slip and trap

Physical hazard Electric shock, Noise, Temperature

Chemical hazard fall of oil / lubricant in eyes,   Fumes

Procedure

**Work No 1 Lubrication of equipment**

Clean the equipment with the cotton rags. Use goggles while cleaning compressed air for cleaning.

Check the oil level and quality by visual examination.

Make up the oil level by pouring oil through the inspection door / vent in the pump.

Do not keep the gear box inspection door open for long time.

If the oil is contaminated by dust/impurities, replace the oil completely.

Fit back vent after filling oil.

Use funnel for pouring the oil and keep a tray below the equipment to avoid spillage to ground.

Use hand pump and cleaned hose for filling up oil in Main Oil Tank or Cans.

Inspect the equipment and fitting from leakage.

Do not lubricate the equipment which is in operation without close supervision.

**Work No 2 Greasing of Equipment.**

Clean the portion of the equipment which is to be greased.

Clean the grease nipple and operate grease gun for filling grease.

Keeps a tray below the equipment to avoid spillage to ground.

Collect the waste grease and return back to store.

Do not lubricate the equipment which is in operation without close supervision.

**Work No 3 Collection and disposal of waste and burnt oil**

Waste oil removed from equipment shall be shifted to waste oil tank at workshop

Enter the quantity of waste oil retuned in the Lubrication schedule book.

Keep the Oil/Grease traced material in separate bins and return to store as oil traced waste.

Ensure no presence of water in oil while returning waste oil to store.