

Kind attention: Megatherm Induction Heating and Hardening Equipment Users**Maintenance Schedule required during long Shut Down/Lock down after switching off electrical Supply distribution:**

- **HT Cables and LT Cable:** Clean and tight all termination and apply silicon grease at all termination bolts to avoid any sulphate formation.
- **HT & LT breakers:** Clean with dry and filtered air blowing, check and tight all contacts, insulation bush. Apply silicon grease at all conductor joints. **Seal breaker encloser properly to prevent further entry of dust / insects / reptiles.**
- **Furnace Duty Transformer:** Clean with dry and filtered air blowing. Clean trapped water inside Heat Exchanger primary and leave it to dry if transformer is OFWF Type. **This will prevent the deposition of hard scale during long interval.**
- **Impedance Matching Transformer:** Clean with dry and filtered air blowing. Clean trapped DM water inside transformer. **This will prevent the deposition of hard scale during long interval.**
- **Bus Duct:** Clean with dry and filtered air blowing and apply silicon grease at all conductor joints. **Seal encloser properly to prevent further entry of dust/insects.**
- **SFC Panel:** Clean with dry and filtered air blowing. Remove trapped DM water inside all cooling pipes, bus tubes and coolers. **This will prevent formation of sulphate during long interval. Seal encloser properly to prevent further entry of dust / insects / reptiles.**
- **DC Choke:** Clean with dry and filtered air blowing. Remove trapped DM water inside all cooling pipes, bus tubes and Coils. **This will prevent formation of sulphate during long interval.**
- **Tank Capacitors:** Clean with dry and filtered air blowing. Remove trapped DM water inside all cooling pipes, bus tubes and Capacitors. **This will prevent formation of sulphate during long interval.**
- **Water Cooled Cables :** Remove trapped DM Water inside cable hoses. **This will prevent the formation of sulphate during long interval.**
- **Heating machine (Mechanical system) :** Clean with dry and filtered air blowing. Remove trapped Soft water / DM Water inside **all cooling pipes, bus tubes and coil boxes. This will prevent the deposition of hard scale during long intervals. Lubricate all mechanical assemblies in which bearings and gear boxes are the integral parts.**
- **MCC Panel :** Clean with dry and filtered air blowing. Check and tight all contacts. Apply silicon grease at all conductor joints. **Seal panel encloser properly to prevent further entry of dust/insects/ reptiles.**
- **PLC Control panel :** Clean with dry and filtered air blowing. Check and tight all contacts. Apply silicon grease at all conductor joints. **Seal panel encloser properly to prevent further entry of dust/insects/ reptiles.**
- **Motors and Pumps :** Lubricate properly.

Note: In case if the above measures cannot be taken care now, please call our Engineer before starting the machine operation.

For Megatherm Induction Pvt. Ltd.

S. B. CHANDA
(Managing Director)