

Kind attention: Megatherm Induction Furnace 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 Transformer:** Clean with dry and filtered air blowing. Clean trapped water inside Heat exchanger primary and leave it dry if transformer is **OFAF** type. **This will prevent deposit 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 enclose 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.**
- **Capacitor Rack:** 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.**
- **Change Over Switches:** Clean with dry and filtered air blowing. Remove trapped DM water inside all cooling pipes, Contact plates. **This will prevent formation of sulphate during long interval.**
- **Water Cooled Cables:** Remove trapped soft water inside cable hose. **This will prevent formation of sulphate and hard scale during long interval.**
- **Crucible:** Clean with dry and filtered air blowing. Remove trapped soft water inside all cooling pipes, bus tubes, and coil and lamination packets. **This will prevent deposit of hard scale during long interval.** Lubricant Pivot Pins and Hydraulic Cylinder Pins.
- **MCC Panes:** 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.**
- **Pumps:** Lubricate properly.

Note: In case if above measures cannot be taken care now, then please call our engineer before starting of Furnace operation.

For Megatherm Induction Pvt. Ltd.



S B Chanda
Managing Director