



REVA PROCESS TECHNOLOGIES

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Method of Statement for Commissioning work of Thermal Oxidizer Project

- 1) Check system mechanically.
- 2) Check bolt torque on all bolts.
- 3) If required existing gaskets shall be replaced after commissioning.
- 4) Check gas (LPG) line valves, make sure LPG line is off.
- 5) Start recirculation air blower operations.
- 6) Start ID Fan.
- 7) Start LPG line valves
- 8) Start Burner.
- 9) Take temperature to 150°C in Furnace and maintain for 5 to 10minutes.
- 10) Elevate Furnace temperature to 300°C and maintain for 5 to 10minutes.
- 11) Elevate Furnace temperature to 400°C and maintain for 5 to 10minutes.
- 12) Elevate Furnace temperature to 500°C and maintain for 5 to 10minutes.
- 13) Elevate Furnace temperature to 600°C and maintain for 5 to 10minutes.
- 14) Elevate Furnace temperature to 700°C and maintain for 5 to 10minutes.
- 15) Elevate Furnace temperature to 950°C and maintain for 5 to 10minutes.
- 16) Check temperature of recirculation air and maintain it at 200°C as per process requirement.
- 17) Adjust fresh air flow in order to maintain recirculating air temperature to 200°C maximum.
- 18) Check burner operating in auto mode and always keep in auto mode.

For Reva Process Technologies,



Keval Saraf

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