

EVENT ANALYSIS REPORT

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|--|------------------------|------------------------|----------------------|---|-----------------------|------------------|------------------------|--|
| UNIT NO : 04 | | | | | TPS : Khaperkheda TPS | | Unit Capacity : 210 MW | |
| 1. *HO Code : | Station Code : T003 | Time - 05:15 Hrs | Date - 08/12/2015 | No. of days from last sync. : 2 days | | | | |
| 2. Operating conditions at the time of Event :- | | | | | | | | |
| Load | | Coal Cycles in service | | | Oil Support | | | |
| 164 MW | | A, B, C, D & E | | | NIL | | | |
| 3. Nature of Event: Boiler tripped on "Furnace Pressure Very Low" which resulted in set tripping on boiler interlock. | | | | | | | | |
| 4. Name of First Up , Main Protections & Protection on which GCB tripped : Furnace Pressure Very Low (First Up), Turbine Trip Operated, Turbine Trip Gear Operated, MFT Operated. | | | | | | | | |
| 5 A) Observations: On dt. 08/12/2015, at 05:15 hrs. unit # 4 was sharing 164 MW load with 5 coal cycles A, B, C, D & E in service. Due to falling of clinker in furnace, boiler tripped on "Furnace Pressure Very Low" protection and set tripped on boiler interlock. | | | | | | | | |
| 5 B) Remedial Action/work done: - No work done. | | | | | | | | |
| 6. Root Cause Analysis : Due to falling of clinker, furnace draft disturbed and set tripped on Furnace pressure very low. It is suspected that clinker formation might be due to very poor quality of coal. | | | | | | | | |
| 7. Preventive action suggested (Short Term) :- | | | | | | | | |
| 8. Preventive action suggested (Long Term) :- | | | | | | | | |
| 9. Similar event occurred last time:- | | Unit No # 4 , 210MW | | Time : 21:06 Hrs | | Date: 04/11/2015 | | |
| Event : Boiler tripped on "Furnace Pressure Very Low" which resulted in set tripping on boiler interlock. | | | | | | | | |
| Remedial Actions : - No work done. | | | | | | | | |
| 9A. Implementation Status of Long Term/Short Term measures stated at Sr No 7 & 8 :- | | | | | | | | |
| 10. Boiler lighted up | | Time - 06:10 Hrs | | Date- 08/12/2015 | | | | |
| 11. T-A Set Synchronized | | Time - 07:40 Hrs | | Date- 08/12/2015 | | | | |
| 12. Remark: | | | | | | | | |
| <div style="text-align: right;">  Chief Engineer </div> | | | | | | | | |
| 13. Recommendations of Works Section: | | | | | | | | |
| 1. Procurement/Replacement Plan: | | | | | | | | |
| 2. Operational Error: | | | | | | | | |
| 3. Delay in Maintenance: | | | | | | | | |
| 4. Delay in bringing back the Unit: | | | | | | | | |
| 5. Training of Staff: | | | | | | | | |
| 6. Whether remedial action is completed satisfactory & point is closed: | | | | | | | | |
| C E/Dy C E (Works) | | | | | | | | |