


EVENT ANALYSIS REPORT				
UNIT NO : 04	TPS : Khaperkheda TPS		Unit Capacity : 210 MW	
1. *HO Code :	Station Code : T003	Time - 10:17 Hrs	Date - 09/05/2016	No. of days from last sync. : 48 days
2. Operating conditions at the time of Event :-				
Load		Coal Cycles in service		Oil Support
185 MW		A, C, D, E, F		NIL
3. Nature of Event: TA set tripped due to furnace pressure very low.				
4. Name of First Up , Main Protections & Protection on which GCB tripped : Boiler Trip. (First Up), Turbine Tripped, MFT Operated.				
5 A) Observations: - On Dt.09/05/2016, Set was on load at 185 MW with A, B, C, D, E and F coal mills in service. Consequent upon sudden falling of a large clinker disturbance occurred in furnace draft which led to boiler tripping on 'Furnace Pressure Very Low' protection. This resulted in set tripping on boiler interlock at 10:17 Hrs on date 09/05/16.				
5 B) Remedial Action/work done: - No specific work carried out.				
6. Root Cause Analysis: - Due to falling of clinker, furnace draft disturbed and set tripped due to 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 , 210 MW	Time : 15:59 Hrs	Date: 02/02/2016
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 - 10:47 Hrs	Date- 09/05/2016	
11. T-A Set Synchronized		Time - 13:43 Hrs	Date- 09/05/2016	
12. Remark:-				
 Chief Engineer				
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)				