

EVENT ANALYSIS REPORT				
UNIT NO : 04	TPS : Khaperkheda TPS		Unit Capacity : 210 MW	
1. *HO Code :	Station Code : T003	Time - 12:12 Hrs	Date - 30/10/2015	No. of days from last sync. : 02 day
2. Operating conditions at the time of Event :-				
Load		Coal Cycles in service	Oil Support	
118 MW		A, B, C, D&F	NIL	
3. Nature of Event : Boiler tripped on "Flame Failure" protection which resulted in set tripping.				
4. Name of First Up , Main Protections & Protection on which GCB tripped : Boiler Flame Failure (First Up), MFT Operated, Turbine Tripped, Boiler Tripped, GCB opened on Reverse Power Protection.				
5 A) Observations : T.A set was on load at 118 MW with no oil support in service. Coal flow was 163 TPH. Suddenly, due to falling of clinker, furnace flame got disturbed and boiler tripped at 12:12 Hrs on flame failure which ultimately resulted in set tripping.				
5 B) Remedial Action/work done: - No work carried out.				
6. Root Cause Analysis : Due to falling of clinker in furnace, furnace draft got disturbed resulting in furnace flame disturbance. Boiler tripped on "Flame Failure" protection which resulted in set tripping.				
7. Preventive action suggested (Short Term) :-				
8. Preventive action suggested (Long Term) :-				
9. Similar event occurred last time:-		Unit No # 4 , 210MW	Time : 01:28 Hrs	Date: 04/03/2015
Event : T.A. Set tripped on Flame Failure.				
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 - 15:43 Hrs	Date- 30/10/2015	
11. T-A Set Synchronized		Time - 17:50 Hrs	Date- 30/10/2015	
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)				