


EVENT ANALYSIS REPORT				
UNIT NO : 01	TPS : Khaperkheda TPS		Unit Capacity : 210 MW	
1. *HO Code :	Station Code : T003	Time - 11:26 Hrs	Date - 24/10/2015	No. of days from last sync. : 21 days
2. Operating conditions at the time of Event :-				
Load		Coal Cycles in service		Oil Support
180 MW		A,C,D,E&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 : Flame Failure (First Up) : Turbine Tripped, Turbine Trip Gear operated, Generator Protection Operated.				
5A) Observations : T.A set was on load at 180 MW with five coal cycles in service . Suddenly, due to falling of clinker, furnace was pressurized and boiler tripped on flame failure which ultimately resulted in set tripping.				
5 B) Remedial Action/work done : No work done.				
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 # 1, 210 MW	Time : 07:20 hrs	Date : 27/04/2015	
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 - 11:35 Hrs		Date- 24/10/2015	
11. T-A Set Synchronized	Time - 13:08 Hrs		Date- 24/10/2015	
12. Remark :-				
				 <b>Chief Engineer</b>
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)				