


EVENT ANALYSIS REPORT

UNIT NO : 03	TPS : Khaperkheda TPS	Unit Capacity : 210 MW		
1. *HO Code :	Station Code : T003	Time - 18:41 Hrs	Date - 06/09/2015	No. of Days from last sync. : 30 days
2. Operating conditions at the time of Event :-				
Load 115 MW	Coal Cycles in service A, B, C, D & E		Oil Support 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) Generator Class-A Trip, Turbine Trip, Boiler MFT operated.				
5A) Observations: T.A set was on load at 115 MW with no oil support in service. Coal flow was 160 TPH. Suddenly, furnace draught found disturbed and set tripped at 18:41 Hrs on flame failure.				
5B) Remedial Action/work done : No Work Done regarding tripping.				
6. Root Cause Analysis : As per log, contact for "All scanners show no flame" initiated at 18:41 hrs and unit tripped on "Flame Failure".				
7. Preventive action suggested (Short Term):-				
8. Preventive action suggested (Long Term) :-				
9. Similar event occurred last time:-	U - 3, 210 MW	Time- 08:28 Hrs	Date: 07/08/2015	
Event : Boiler tripped on Flame failure protection which resulted in set tripping. Remedial Actions : Suspected that dislodging of fly ash accumulated in SH/RH bank in boiler might have obstructed flame scanner sensing, which resulted in boiler tripping on flame failure protection .				
9A. Implementation Status of Long Term/Short Term measures stated at Sr. No 7 & 8 :-				
10. Boiler lighted up	Time - 19:04 Hrs	Date - 06/09/2015		
11. T-A Set Synchronized	Time - 21:40 Hrs	Date - 06/09/2015		
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)				