


EVENT ANALYSIS REPORT				
UNIT NO : 03	TPS : Khaperkheda TPS		Unit Capacity : 210 MW	
1. *HO Code :	Station Code : T003	Time - 05:08 Hrs	Date - 18/02/2016	No. of Days from last sync. : 0 days
2. Operating conditions at the time of Event :-				
Load		Coal Cycles in service	Oil Support	
114 MW		A, B & C	AB1, AB3, CD1, CD3 (4 guns)	
3. Nature of Event: T.A. Set tripped due to drum level very high.				
4. Name of First Up , Main Protections & Protection on which GCB tripped : Drum Level Very High (First Up) Turbine Trip.				
5A) Observations: At 05:00 Hrs set was on load at 96 MW with coal cycle A, B & C in service. Load was increased up to 114 MW but due to 'Drum Level Very High' set tripped at 05:08 Hrs on date 18/02/16.				
5B) Remedial Action/work done: Feed station control valve, FD-308 checked and attended. Open/close trial of FD-308 taken & found ok.				
6. Root Cause Analysis: Due to mal-functioning the feed station control valve, FD-308 got full open though the demand was on lower side and stucked up in open condition. The situation led to rise in drum level which ultimately caused boiler tripping on 'Drum Level Very High' protection. This resulted in set tripping on boiler interlock at 05:08 hours on date 18/02/16.				
7. Preventive action suggested (Short Term):-				
8. Preventive action suggested (Long Term) :-				
9. Similar event occurred last time:-	U - 3, 210 MW	Time- 19:14 Hrs	Date: 01/02/2014	
Event: TA Set Tripped on "Drum Level Very High" Protection.				
Remedial Action/work done: - HPCV-1 valve adjusted to avoid hunting.				
9A. Implementation Status of Long Term/Short Term measures stated at Sr. No 7 & 8:-				
10. Boiler lighted up	Time - 05 : 29 Hrs	Date - 18/02/2016		
11. T-A Set Synchronized	Time - 06 : 46 Hrs	Date - 18/02/2016		
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)				