

EVENT ANALYSIS REPORT				
UNIT NO : 04	TPS : Khaperkheda TPS		Unit Capacity : 210 MW	
1. *HO Code :	Station Code : T003	Time - 08:55 Hrs	Date - 26/01/2016	No. of days from last sync. : 03 days
2. Operating conditions at the time of Event :-				
Load 93 MW		Coal Cycles in service A,B,C	Oil Support NIL	
3. Nature of Event: TA Set withdrawn to attend Boiler Tube Leakage at Economiser Zone				
4. Name of First Up , Main Protections & Protection on which GCB tripped : Hand Tripped (First Up), MFT Operated, Turbine Tripped, Reverse Power Protection.				
5 A) Observations: - Unit withdrawn to attend "Boiler Tube Leakage" at 'Economiser Zone' at 08:55 Hrs.				
5 B) Remedial Action/work done: - Economiser Coil no. 120 & 121 dummied by welding hemispherical spool at Economiser inlet & intermediate header.				
6. Root Cause Analysis: - Localized flue gas erosion might be the root cause of failure of Tube no. 3 of Economiser upper bank coil no. 120. Secondary failure observed at Tube no. 2 coil no. 120 and Tube no. 2 of coil no. 121.				
7. Preventive action suggested (Short Term) :-				
8. Preventive action suggested (Long Term) :- 1. Normalization of dummied coil of Economiser coil no. 120 & 121. 2. Replacement of eroded Economiser coils as per Erosion profile mapping during forthcoming AOH.				
9. Similar event occurred last time:-		Unit No # 4 , 210 MW	Time : 17:40 Hrs	Date: 08/12/2015
Event: T.A. Set forced withdrawn due to Boiler tube leakage.				
Remedial Actions: - Economiser upper bank coil no. 123 plugged by welding hemispherical spool at Economiser inlet & intermediate header.				
9A. Implementation Status of Long Term/Short Term measures stated at Sr No 7 & 8 :-				
10. Boiler lighted up		Time - 06:22 Hrs	Date- 27/01/2016	
11. T-A Set Synchronized		Time - 10:48 Hrs	Date- 27/01/2016	
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)				