

EVENT ANALYSIS REPORT				
UNIT NO : 04	TPS : Khaperkheda TPS		Unit Capacity : 210 MW	
1. *HO Code :	Station Code : T003	Time - 3:40 Hrs	Date - 17/07/2015	No. of days from last sync. : 0 days
2. Operating conditions at the time of Event :-				
Load		Coal Cycles in service	Oil Support	
77 MW		A, B	AB-3, CD-2	
3. Nature of Event : T.A. Set hand tripped due to high shaft vibration.(upto 218 microns)				
4. Name of First Up , Main Protections & Protection on which GCB tripped : Turbine Hand tripped(First Up), MFT Operated, Turbine Tripped ,Generator Protection operated, GCB opened on RPP.				
5A) Observations: Set synchronized at 01:34 Hrs after annual overhaul.TG vibration(shaft) were on higher side since rolling of TG in the range of 175 to 190 microns. At 77 MW, shaft vibration found on higher side up to 218 microns with trend on positive side. Hence TG set hand tripped at 03:40 Hrs.				
5B) Remedial Action/work done: - HP/IP carrying holding clamps clearances increased from .1mm to .15 mm, and set again rolled & synchronized.				
6. Root Cause Analysis :Turbine shaft vibration on higher side i.e. 180 micron before synchronization at 3000 rpm.				
7. Preventive action suggested (Short Term) :-				
8. Preventive action suggested (Long Term) :-				
9. Similar event occurred last time:-		Unit No # 4 , 210MW	Time : Hrs	Date:
Event: : No similar event found.				
Remedial Actions :				
9A. Implementation Status of Long Term/Short Term measures stated at Sr No 7 & 8 :-				
10. Boiler lighted up		Time - 13:50 Hrs	Date- 17/07/2015	
11. T-A Set Synchronized		Time - 17:53 Hrs	Date-17/07/2015	
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)				