


EVENT ANALYSIS REPORT				
UNIT NO : 04	TPS : Khaperkheda TPS		Unit Capacity : 210 MW	
1. *HQ Code :	Station Code : T003	Time - 23:34 Hrs	Date - 19/02/2018	No. of days from last sync. : 52 days
2. Operating conditions at the time of Event :-				
Load		Coal Cycles in service	Oil Support	
152 MW		A, B, C, E & F	NIL	
3. Nature of Event: TA set hand tripped due to high shaft vibration.				
4. Name of First Up , Main Protections & Protection on which GCB tripped : Hand Tripped (First Up), Gen Class A, Turbine Tripped.				
5 A) Observations: As Unit - 4 shaft vibrations was on higher side (x,-245 μ /y,-136 μ). Set hand tripped on 23:34 Hrs.				
5 B) Remedial Action/work done: No work carried out.				
6. Root Cause Analysis: Due to cyclic variation in M.S. as well as HRH temperature shaft vibration increased. It is observed that variation found between 519° C to 570° C.				
7. Preventive action suggested (Short Term): BPE 2 valve servicing in next available opportunity.				
8. Preventive action suggested (Long Term):				
9. Similar event occurred last time :		Unit No # 4 , 210 MW	Time : 06:18 Hrs	Date : 07/10/2017
Event: TA set hand tripped due to high shaft vibration.				
Remedial Actions: Trim balancing work of HPT & IPT carried out.				
9A. Implementation Status of Long Term/Short Term measures stated at Sr No 7 & 8 :-				
10. Boiler lighted up		Time - 04:15Hrs	Date - 27/02/2018	
11. T-A Set Synchronized		Time - 11:38Hrs	Date - 27/02/2018	
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)				