

EVENT ANALYSIS REPORT				
UNIT NO : 03	TPS : Khaperkheda TPS		Unit Capacity : 210 MW	
1. *HO Code :	Station Code : T003	Time - 18:09 Hrs	Date - 29/07/2015	No. of Days from last sync. : 28 days
2. Operating conditions at the time of Event :-				
Load	Coal Cycles in service		Oil Support	
175 MW	A,B,D,E,F		Nil	
3. Nature of Event: T.A. Set withdrawn for attending Diverter plate in ID Fan 3A Inlet duct.				
4. Name of First Up , Main Protections & Protection on which GCB tripped : Hand tripped (First Up) , MFT Operated , Turbine tripped, GCB opened on RPP.				
5A) Observations: 1) Set withdrawn at 18:09 hrs on Dtd 29-07-15 to attend diverter plate in ID Fan 3A Inlet duct which was broken. 2) Initial hammering abnormal sound observed on inlet side of ID fan 3A. It was suspended breaking of the diverter plate.				
5B) Remedial Action/work done :- AHP: Welding of flow diverter plate at inlet duct of ID fan 3A plate done from front & backside. Also to strengthen the plate, additional patches were provided from backside. During this work inspection of ID Fan 3B Flow Diverter plate also carried out & found OK.				
6. Root Cause Analysis : sudden failure may be due to material failure & due to heavy flow of air.				
7. Preventive action suggested (Short Term):-				
8. Preventive action suggested (Long Term) :- To avoid such type of failure in future, DPT of plate will be taken to check any internal cracks in Annual Overhaul of Unit 3				
9. Similar event occurred last time:-	U - 3, 210 MW	Time- Hrs	Date:	
Event: No similar event found.				
Remedial Action/work done :-				
9A. Implementation Status of Long Term/Short Term measures stated at Sr. No 7 & 8 :-				
10. Boiler lighted up	Time - 10:48 Hrs	Date- 30/07/2015		
11. T-A Set Synchronized	Time - 13:40 Hrs	Date- 30/07/2015		
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)				