LINIT NO . OA		EVI	ENT ANALYSIS REPORT			8 6
UNIT NO: 04	TPS: Khaperkh	eda TPS	Unit Capacity : 210 MW			
1. *HO Code :	Station Code : T003	Time 12:58			No. of days from 02 days	ı last sync. :
2. Operating co	nditions at the tim	e of Even	t :-		0	
Load		(	Coal Cycles in service		Oil Support	
68 MW			D		NIL	
3. Nature of Eve	nt: T.A. Set withdra	wn due to h	nigh vibrations of bearings	and sl	naft.	
	t Up , Main Protection tripped(First Up)	ns & Prote	ection on which GCB trip	ped:		
	uced to minimum by		igh vibration to TG bearing ag coal mills one by one. Se			
5 B) Remedial A	Action/work done: -		e		I	
	_		ers of 6 mm provided on L			,
	of the eight bolts repla	aced with n	ew one. All weights 11*95	gms r	emoved from LP	T rear shaft of
turbine.	<i>C</i>		S - 17 - S - 1 - 1	- 53		
2. Relative sn ups tighten		and absolu	ite vibration pick ups conn	ectors	checked and col	nnections of all pick
		of withdraw	ving the set vibration readi	nac wa	ere as follows:	
	-		x, $X2 = 153$ microns, $Y4 = 1$	_		
	earing No. 4 vibration				one pien up	
	earing No. 6 vibration	-				
7. Preventive ac	ction suggested (Sho	rt Term) :-	•			
	ction suggested (Lon					
9. Similar event	occurred last time:-		Unit No # 4 , 210MW	Tim	ne: 17:26 Hrs	Date: 15/10/2015
	occurred last time:-		,	Tim	ne: 17:26 Hrs	Date: 15/10/2015
Event: T.A. set			,	Tim	ne: 17:26 Hrs	Date: 15/10/2015
Event: T.A. set Remedial Action	withdrawn due to hig ns:- No work done.	h turbine v	,			Date: 15/10/2015
Event: T.A. set Remedial Action	withdrawn due to higns: - No work done.	h turbine v	ibrations			
Event: T.A. set Remedial Action 9A. Implementa 10. Boiler light 11. T-A Set Syn	withdrawn due to hig ns:- No work done.  tion Status of Long T ed up chronized	h turbine v Γ <b>erm/Sho</b>	rt Term measures stated Time - 10:22 Hrs Time - 17:05 Hrs	at Sr I	No 7 & 8 :-  Date- 28/10,  Date- 28/10	/2015 /2015
Event: T.A. set Remedial Action 9A. Implementa 10. Boiler light 11. T-A Set Syn 12. Remark: Vil	withdrawn due to hig ns:- No work done. ntion Status of Long Ted up chronized pration analysis condu	h turbine v Γ <b>erm/Sho</b>	ibrations  rt Term measures stated  Time - 10:22 Hrs	at Sr I	No 7 & 8 :-  Date- 28/10,  Date- 28/10	/2015 /2015
Event: T.A. set Remedial Action 9A. Implementa 10. Boiler light 11. T-A Set Syn 12. Remark: Vib synchronizat	withdrawn due to hig ns:- No work done.  Ition Status of Long To ted up chronized Dration analysis conduction.	Term/Shon	rt Term measures stated Time - 10:22 Hrs Time - 17:05 Hrs e TIC staff Nagpur at 36 MV	at Sr I	No 7 & 8 :-  Date- 28/10,  Date- 28/10,  on dt. 28/10/20	/2015 /2015
Event: T.A. set Remedial Action 9A. Implementa 10. Boiler light 11. T-A Set Syn 12. Remark: Vib. synchronizat a. Bearing No	withdrawn due to hig ns:- No work done.  Ition Status of Long To ted up chronized oration analysis conduction.  1. 4: Axial displacement	Term/Show acted by the nt - 226 mi	rt Term measures stated Time - 10:22 Hrs Time - 17:05 Hrs e TIC staff Nagpur at 36 MV crons, Velocity - 33.32 mm	at Sr I	No 7 & 8 :-  Date- 28/10,  Date- 28/10,  on dt. 28/10/20	/2015 /2015
Event: T.A. set Remedial Action 9A. Implementa 10. Boiler light 11. T-A Set Syn 12. Remark: Vib. synchronizat a. Bearing No	withdrawn due to hig ns:- No work done.  Ition Status of Long To ted up chronized oration analysis conduction.  1. 4: Axial displacement	Term/Show acted by the nt - 226 mi	rt Term measures stated Time - 10:22 Hrs Time - 17:05 Hrs e TIC staff Nagpur at 36 MV	at Sr I	No 7 & 8 :-  Date- 28/10,  Date- 28/10,  on dt. 28/10/20	/2015 /2015
Event: T.A. set Remedial Action 9A. Implementa 10. Boiler light 11. T-A Set Syn 12. Remark: Vib. synchronizat a. Bearing No	withdrawn due to hig ns:- No work done.  Ition Status of Long To ted up chronized oration analysis conduction.  1. 4: Axial displacement	Term/Show acted by the nt - 226 mi	rt Term measures stated Time - 10:22 Hrs Time - 17:05 Hrs e TIC staff Nagpur at 36 MV crons, Velocity - 33.32 mm	at Sr I	No 7 & 8 :-  Date- 28/10,  Date- 28/10,  on dt. 28/10/20	/2015 /2015
Event: T.A. set Remedial Action 9A. Implementa 10. Boiler light 11. T-A Set Syn 12. Remark: Vib. synchronizat a. Bearing No	withdrawn due to hig ns:- No work done.  Ition Status of Long To ted up chronized oration analysis conduction.  1. 4: Axial displacement	Term/Show acted by the nt - 226 mi	rt Term measures stated Time - 10:22 Hrs Time - 17:05 Hrs e TIC staff Nagpur at 36 MV crons, Velocity - 33.32 mm	at Sr I	No 7 & 8:-  Date- 28/10,  Date- 28/10/20  on dt. 28/10/20  oick up.	/2015 /2015
Event: T.A. set Remedial Action 9A. Implementa 10. Boiler light 11. T-A Set Syn 12. Remark: Vib synchronizat a. Bearing No b. Bearing No	withdrawn due to hig  ns:- No work done.  Ition Status of Long To  ted up  chronized  oration analysis conduction.  1. 4: Axial displacements.  2. 6: Axial displacements.	Term/Shore vacted by the art – 226 mint – 60 mic	rt Term measures stated Time - 10:22 Hrs Time - 17:05 Hrs e TIC staff Nagpur at 36 MV crons, Velocity - 33.32 mm	at Sr I	No 7 & 8 :-  Date- 28/10,  Date- 28/10,  on dt. 28/10/20	/2015 /2015
Event: T.A. set Remedial Action 9A. Implementa 10. Boiler light 11. T-A Set Syn 12. Remark: Vib synchronizat a. Bearing No b. Bearing No	withdrawn due to hig  ns:- No work done.  Ition Status of Long To  ted up  chronized  bration analysis conduction.  1. 4: Axial displacement.  1. 6: Axial displacement.	Term/Shon ucted by the nt - 226 mi nt - 60 mic	rt Term measures stated Time - 10:22 Hrs Time - 17:05 Hrs e TIC staff Nagpur at 36 MV crons, Velocity - 33.32 mm	at Sr I	No 7 & 8:-  Date- 28/10,  Date- 28/10/20  on dt. 28/10/20  oick up.	/2015 /2015
Event: T.A. set Remedial Action 9A. Implementa 10. Boiler light 11. T-A Set Syn 12. Remark: Vib. synchronizat a. Bearing No b. Bearing No 13. Recommend 1. Procuren	withdrawn due to hig  ns:- No work done.  Ition Status of Long To  ted up  chronized  oration analysis conduction.  o. 4: Axial displacement.  check displacement.	Term/Shon ucted by the nt - 226 mi nt - 60 mic	rt Term measures stated Time - 10:22 Hrs Time - 17:05 Hrs e TIC staff Nagpur at 36 MV crons, Velocity - 33.32 mm	at Sr I	No 7 & 8:-  Date- 28/10,  Date- 28/10/20  on dt. 28/10/20  oick up.	/2015 /2015
Event: T.A. set Remedial Action 9A. Implementa 10. Boiler light 11. T-A Set Syn 12. Remark: Vib synchronizat a. Bearing No b. Bearing No 13. Recommend 1. Procuren 2. Operatio	withdrawn due to hig ns:- No work done.  Ition Status of Long To ted up chronized Dration analysis conduction.  1. 4: Axial displacement.  1. 6: Axial displacement.  Idiations of Works Secuent/Replacement Final Error:	Term/Shon ucted by the nt - 226 mi nt - 60 mic	rt Term measures stated Time - 10:22 Hrs Time - 17:05 Hrs e TIC staff Nagpur at 36 MV crons, Velocity - 33.32 mm	at Sr I	No 7 & 8:-  Date- 28/10,  Date- 28/10/20  on dt. 28/10/20  oick up.	/2015 /2015
Event: T.A. set Remedial Action 9A. Implementa 10. Boiler light 11. T-A Set Syn 12. Remark: Vib synchronizat a. Bearing No b. Bearing No 13. Recommend 1. Procurer 2. Operatio 3. Delay in	withdrawn due to hig ns:- No work done.  Ition Status of Long To ted up chronized  Dration analysis conduction.  1. 4: Axial displacement  1. 6: Axial displacement  Itions of Works Secuent/Replacement Final Error:  Maintenance:	Term/Shon ucted by the nt - 226 mi nt - 60 mic	rt Term measures stated Time - 10:22 Hrs Time - 17:05 Hrs e TIC staff Nagpur at 36 MV crons, Velocity - 33.32 mm	at Sr I	No 7 & 8:-  Date- 28/10,  Date- 28/10/20  on dt. 28/10/20  oick up.	/2015 /2015
Event: T.A. set Remedial Action 9A. Implementa 10. Boiler light 11. T-A Set Syn 12. Remark: Vib synchronizat a. Bearing No b. Bearing No 1. Procuren 2. Operatio 3. Delay in 14.	withdrawn due to hig  ns:- No work done.  Ition Status of Long To  ted up  chronized  bration analysis conduction.  1. 4: Axial displacement  1. 6: Axial displacement  Illustrations of Works Section  ment/Replacement Final Error:  Maintenance:  bringing back the Ur	Term/Shon ucted by the nt - 226 mi nt - 60 mic	rt Term measures stated Time - 10:22 Hrs Time - 17:05 Hrs e TIC staff Nagpur at 36 MV crons, Velocity - 33.32 mm	at Sr I	No 7 & 8:-  Date- 28/10,  Date- 28/10/20  on dt. 28/10/20  oick up.	/2015 /2015
Event: T.A. set Remedial Action 9A. Implementa 10. Boiler light 11. T-A Set Syn 12. Remark: Viliant Synchronizata a. Bearing No. b. Bearing No. b. Bearing No. 13. Recommend 1. Procurer 2. Operatio 3. Delay in 14. Delay in 15. Training	withdrawn due to hig ns:- No work done.  Ition Status of Long To ted up chronized Dration analysis conduction.  1. 4: Axial displacement.  1. 6: Axial displacement.  1. 6: Axial displacement.  1. Axial displacement.	Term/Shon ucted by the nt - 226 mi nt - 60 mic	rt Term measures stated Time - 10:22 Hrs Time - 17:05 Hrs e TIC staff Nagpur at 36 MV crons, Velocity - 33.32 mm	at Sr I	No 7 & 8:-  Date- 28/10,  Date- 28/10/20  on dt. 28/10/20  oick up.	/2015 /2015