			ANALYSIS REPORT	. 5		
UNIT NO: 04	TPS: Khape	Unit Ca	Unit Capacity : 210 MW			
1. *HO Code :	Station Code : T003	Time – 21:07 Hrs	Date - 20/01/2016		No. of days from last sync. : 43 days	
2. Operating co	nditions at the	time of Event :-				
Load		Coal	Coal Cycles in service		Oil Support	
108 MW			B, D & E		NIL	
			box sheared-off bolts a			
	•		on on which GCB tripp ripped, RH Protection,		ator Class-A Ope	erated.
in service. The replacing shea	e load was started	l reducing by with T gland box. Set h	15, unit was on load at drawing coal cycles on and Tripped at 21:07 h	ne by c	one in order to	withdraw the unit for
*	action/work done with new OES bo	0	centering done and all	the ho	lding bolts LPT	gland box (Total 08
At about 21:00 Shaft vibration Bearing vibrati	hrs on dt. $20/01/s$ (microns) : $X_2 = 1/s$ (microns) : $X_4 = 1/s$	$^{2}2016$, $^{1}29$, $^{1}Y_{2} = 56$, $^{1}X_{4} = 4$ $^{1}35$, $^{1}Y_{4} = 47$	amaged due to high vib. 7 , $Y_4 = 115$	ration	s of turbine shaf	t & bearings.
7. Preventive ac	tion suggested (S	Short Term) :-				
8. Preventive ac	tion suggested (I	Long Term) :- BH	EL recommended long	-term a	action plan to be	e implemented.
9. Similar event occurred last time:-		ne:- Un	it No # 4 , 210 MW	No # 4, 210 MW Tim		Date: 04/12/2015
		gland box sheared- x centering done a	off bolts at LPT. nd all the holding bolts	of LP	Γ gland box (08	Nos) replaced with
9A. Implementa	tion Status of Lo	,	erm measures stated	at Sr N	No 7 & 8 :-	
10. Boiler light			ne - 03:20 Hrs		Date- 22/01	
as follows: Shaft vibratio	15:00 hrs. on dt.	$\frac{1}{22/01/16}$ turbine $\frac{1}{2} = 146$, $\frac{1}{2} = 59$, $\frac{1}{2} = 146$	me - $08:10$ Hrs bearing and shaft vibra $_4 = 65$, $Y_4 = 121$	ations	Date- 22/01 recorded at 154	
		a .		5	Chief Engineer	00
13. Recommend	lations of Works	Section:				
1. Procurer	nent/Replaceme	nt Plan:				
2. Operatio	nal Error:					
	Maintenance:					
	bringing back the	Unit:				
5. Training						
6. Whether	remedial action	is completed satis	sfactory & point is clo	sed:		

C E/Dy C E (Works)