

BOILER TUBE FAILURE REPORT (C-2 FORM)

C2 FORM NO (C-2 FORM SHOULD BE SEND WITHIN 12HOURS OF SYNCHRONISATION)

1)	STATION: T007	2)	UNIT NO. U01	3)	LAST UNIT OUTAGE 30-09-2022
5)	UNIT SHUTDOWN FROM 06-03-2023 13:00:00	4)	LAST Unit O/H 01-11-2022		
6)	WATER FILLING CLEARANCE 09-03-2023 10:00:00	10)	OUTAGE HOURS 77 in Million Units (ONLY DUE TO BTF)		
7)	CLEARANCE FOR LIGHT-UP (AFTER REPAIR OF BTF) 09-03-2023 15:00:00	11)	GENERATION CAPACITY 500		
8)	UNIT SYNCHRONIZED AT 09-03-2023 18:41:00	12)	GENERATION LOSS 38.5 hrs:min:sec (ONLY DUE TO BTF)		
9)	ORDER NUMBER 100039930				
13)	CAUSE DETAILS 		14) OBSERVATION BEND STRESS		
15)	BTF INSPECTED BY	BTF COMMITTEE HEAD	YES <input type="checkbox"/>	MTP(Mtce planning)	NO <input type="checkbox"/>
		CHEMISTRY	NO <input type="checkbox"/>	OPERATION	NO <input type="checkbox"/>
				FQA	NO <input type="checkbox"/>
				O&E	NO <input type="checkbox"/>

BOILER TUBE FAILURE LOCATION

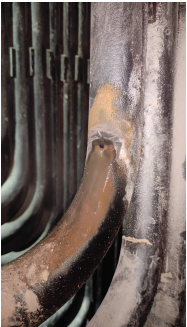



16)	REHEATER FRONT COIL 72, CIRCUIT 14				
	EQUIPMENT NUMBER T007U01BLR00005	EQUIPMENT DESCRIPTION	MANHOLE DOORS		
	LOCATION DETAILS T007-U01-BLR-AUX	LOCATION DESCRIPTION	REHEATER FRONT COIL 72		
	MATERIAL SA 213 T22	TUBE NUMBER 0014	EQUIPMENT HEIGHT (MTS)	058	

DESCRIPTION OF BOILER FAILED TUBE

(CLEARLY IDENTIFYING TUBE NO, COIL NO,TUBE DIMENSION,TUBE MATERIAL AND X,Y,Z COORDINATES)

17)	Reheater Front Coil 72, Circuit 14. SA 213 T22 Elevation 58 ML
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PHOTOGRAPHS

18)	FAILURE BEFORE START OF REPAIR WORK	REPAIRED LOCATION AFTER RESTORATION	PRIMARY FAILED TUBE	
				

DETAILS OF REPAIR WORK (SPECIFY JOINT DETAILS, COIL NO/ TUBE NO AND RESTORATION WORK)

19)	Primary & Secondary Damage - Circuit 14, Coil 72. Suspected Bend Stress in circuit. Replaced damaged Bend Tube with new bend.
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DETAILS OF INSPECTION OF ADJACENT AND IDENTICAL LOCATIONS

20)	DPT of adjacent coils undertaken to ascertain any unnoticed defects. No defects observed.
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STATION OBSERVATION W.R.T CAUSE OF TUBE FAILURE:

21)	Suspected Bend Stress of coils.
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HISTORY OF WORK IN FAILED TUBE/COIL/LOCATION IN PAST FIVE YEARS

Date	C2 Form Number	Tube No	Height	Material	Cause
28-03-2023		0014	058	SA 213 T22	

Submitted by PRADEEP SRIKANTH A	Submitted on 28-03-2023	Designation DEPUTY CHIEF ENGINEER
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DRAWING NO: 0-00-027-4526



POLYMER PAPER (PT4, SPREAD)					OTHERS (SPREAD)				
REV	DATE	ALT	CHK	APPROV	REV	DATE	ALT	CHK	APPROV
02	21.06.11		HANSON	WILLIAMS	01	10.06.10		HANSON	HANSON

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<p>CUSTOMER</p>		<p>NIC ITALIUM POWER LIMITED</p>	
<p>CONSULTANT</p>		<p>भारत भारती</p>	
<p>PROJECT NO. 14 - VAN PLANT FACILITY (S & T)</p>		<p>MECON LIMITED</p>	
<p>NIC ITALIUM POWER LIMITED EXCOM AND POWER PLANT AT TILICHORG</p>		<p>भारत भारती</p>	
<p>BHARTI HEAVY ELECTRICALS LIMITED NEEDS PLANT CODE: MECON/0004-0004</p>		<p>GENERAL ALPHABETIC OF PRESSURE PLANTS</p>	
<p>DATE: 01/09/2019</p>		<p>0-00-027-45285</p>	
<p>0-00-027-45285</p>		<p>02</p>	