

MECHANICAL SECTION

Document Title :

BOILER FAN CHECK AND INSPECTION

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KKS. TAG NO. :
 MANUFACTURER : VENTAPP GmbH
 TYPE & SIZE : E 1250/160-63 M-K GR360
 CONTROL :
 SERIAL No. : 52360-02-19.04.1 TH-449 UGP
 MOTOR :
 COUPLING TYPE : SIZE

MACHINE : Recrulation Gas Fan 2

LOCATION : Boiler Air Fan

CAPACITY :

Impeller side 56 g

V = 189460 m³/h Δpt 375 daPa

n = 1450/ = 49Hz te = 195 °C

Nmax = 1490 min⁻¹ tmax = 230°C

Pw = 238 kW

BEARING No. : 31 T 80 LE-3R - 52360.03.01

LUBRICANT : Grease No. 3 28 g

PM FREQUENCY : Monthly

Reference : Vibration result is in accordance with ISO 10816 Part 3 International standard

DATE	Check Bearing Lubricant Level		Check Bearing Leakage		Vibration Max. mm./s.						Check Bearing Abnormal Noise		Check Bearing Temperature Max : °C		Check Cooling Bearing Housing	Ckeck coupling	Check Looseness Foundation	Inspected By	Approved By	Remarks
					DE			NDE												
	DE	NDE	DE	NDE	H	V	A	H	V	A	DE	NDE	DE	NDE						
12/1/66	-	-	/	/	3.37	3.49	0.93	2.71	2.79	2.39	/	/	51.8	39.8	-	/	/			
11-22/2/66	-	-	/	/	-	-	-	-	-	-	-	-	-	-	-	/	/			
23/3/66	-	-	/	/	1.05	2.31	1.21	2.41	2.53	0.83	/	/	54.0	38.0	-	/	/			
24/4/66	-	-	/	/	1.81	4.25	1.29	2.92	1.45	1.23	/	/	54.0	45.8	-	/	/			
12/5/66	-	-	/	/	1.11	0.74	1.11	1.11	0.65	1.47	/	/	51.0	40.0	-	/	/			
11/6/66	-	-	/	/	2.1	0.70	1.27	1.47	1.07	0.95	/	/	51	46	-	/	/			

Welded impeller Balance
 Change motor's bearings
 Modify manholes RGF gas duct

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✓ = ปกติ X= ผิดปกติ