

MAYA FAN AIR ENGINEERING Pvt. Ltd.

Plot No.53B, Industrial Area No. 1,
A. B. Road, DEWAS - 455 001
Ph : 07272-258734, 328890 Fax. 07272 - 251456
Email : info@mayafanfrp.com

Customer : KRIBHCO, Hazira

Fan Model : -

Plant : ACT-2, Fan no 4

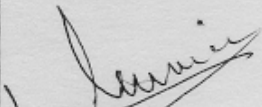
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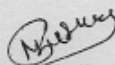
Date : 26 / 11 / 2005, 3:30


FAN PERFORMANCE REPORT

	Unit	Existing FRP Fan				Maya FRP Fan			
Fan Diameter	mm	8534				8534			
Hub Diameter	mm	1200				1200			
Fan casing dia at measuring section	mm	8600				8600			
Number of Blades	Nos.	8				8			
Blade Angle	Degree								
Diameter at measuring section	m	8.840				8.840			
Area at measuring section	m ²	61.374				61.374			
Hub Area	m ²	1.131				1.131			
Discharge Area	m ²	60.243				60.243			
Air Velocity	m/sec	S ₃	S ₂	S ₁	S ₀	S ₁	S ₂	S ₃	S ₄
R ₁		2.5	3.0	3.5	4.0	6.1	4.0	2.1	7.0
R ₂		9.1	9.2	9.4	9.5	10.0	9.6	8.4	9.3
R ₃		10.0	10.0	10.0	10.0	10.8	11.0	10.4	10.7
R ₄		10.0	9.7	9.3	9.0	8.5	8.3	8.5	7.2
R ₅		7.1	6.8	6.5	6.3	8.2	7.7	6.8	6.7
Av. Air Velocity	m/sec	7.736				8.065			
Air Flow	m ³ /sec	466.0				485.9			
	CFM	987476.9				1029472.8			
Connected Motor	kW	75				75			
Supply Voltage	Volt	421.0				421.0			
Motor Current	Ams.	92.4				76.2			
Consumed Power	kW	55.30				43.40			
Power Factor	-	0.84				0.7867			
Power Saving	%					21.52			

Remark :


Amit Chaturasia
Maya Fan


Mr. M. H. Rathod
KRIBHCO, Surat

Readings are verified and OK.

Mr. J. G. Trivadi
KRIBHCO, Surat
26/11/05

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