

COIMBATORE POLYTEX (P) LTD (CPT), ARASUR**Date : 18.11.24****H.plant - 2 Exhaust Texconn fan changing details**

Sl no	Description	Excisting Aluminium Fan			After Texconn Fan		
		EX Fan 1	EX Fan 2	EX Fan 3	EX Fan 1	EX Fan 2	EX Fan 3
1	Motor KW	11.00	11.00	11.00	11.00	11.00	11.00
2	Fan Dia	1250	1250	1250	1240	1240	1240
3	Fan angle in degree	-	-	-	32	36	36
4	No of Leafs	8	8	8	3	3	3
5	Air Volume in CMH	178892			129000		
6	Air Volume in CFM	105546			76110		
7	Gril Velacity in m sec Avg	2.6			1.99		
8	Load in KW	23.57			19.37		
9	Total units per day	542.11			445.51		
10	Saving Units Per day				96.6		
11	Saving Units in %				17.82		
12	Saving Cost per Month in Rs (@ Rs 9.10 per Unit)				26372		
13	Air Volume in CMH Increased				-49892		
14	Air Volume in CMH Increased %				-27.89		
15	Gril Velacity in m sec Avg Increased				-0.61		
16	Gril Velacity in m sec Avg Increased %				-23.46		

COIMBATORE POLYTEX (P) LTD (CPT), ARASUR**Date : 30.10.24****H.plant - 2 Exhaust Texconn fan changing details**

Sl no	Description	Excisting Aluminium Fan			After Texconn Fan		
		EX Fan 1	EX Fan 2	EX Fan 3	EX Fan 1	EX Fan 2	EX Fan 3
1	Motor KW	11.00	11.00	11.00	11.00	11.00	11.00
2	Fan Dia	1250	1250	1250	1240	1240	1240
3	Fan angle in degree	-	-	-	32	30	30
4	No of Leafs	8	8	8	3	3	3
5	Air Volume in CMH	178892			112480		
6	Air Volume in CFM	105546			66363		
7	Gril Velacity in m sec Avg	2.6			1.17		
8	Load in KW	23.57			15.43		
9	Total units per day	542.11			354.89		
10	Saving Units Per day				187.22		
11	Saving Units in %				34.54		
12	Saving Cost per Month in Rs (@ Rs 9.10 per Unit)				51111		
13	Air Volume in CMH Increased				-66412		
14	Air Volume in CMH Increased %				-37.12		
15	Gril Velacity in m sec Avg Increased				-1.43		
16	Gril Velacity in m sec Avg Increased %				-55.00		