

**RANDACK FASTENERS INDIA PVT. LTD.**

Gat No 1197, Near Ghotawade Phata, Village Pirangut, Taluka Mulshi, Dist :Pune, 412108.

3.1 CERTIFICATE AS PER EN 10204

Customer: Inox Wind Limited		T.C. No.: 3341	Date: 2017-03-30
PO No: 5100007308	Date: 2017-02-28	Part Description: Stud M16x205	
RFI CO No: CON/15-16/00102	Date: 2017-03-30	Ref Std./Drawing No.: 30.05.3186-10	
Item Code: RFI-001215	Qty: 500	Material: ISO 898-1/10.9	

Chemical Composition :				Reference STD: DIN EN 10083-3						
Elements		Heat No.	C %	Si %	Mn %	P %	S %	Cr %	Mo %	Remark
Sr.No.	Batch Code	Min	0.38	0	0.6	0	0	0.9	0.15	
		Max	0.45	0.40	0.90	0.025	0.035	1.20	0.30	
1	CYV		0.4198	0.2532	0.7598	0.0137	0.0021	0.9754	0.1931	Passed

Mechanical Properties :						Reference STD: DIN EN 10083-3 42CrMo4 1.723						
Parameters		Heat No.	0.2% Proof Stress (N/mm2)	U.T.S. (N/mm2)	Elongation (%)	Reduction (%)	YS/UTS Ratio	Impact @ Room Temp	Hardness			Remark
Sr.No.	Batch Code	Min	750	1000	11	45		35J	32			
		Max	-	1200	-	-		-	39			
1	CYV		1012.27	1096.19	16.09	55.24	0.92	80,78,78 Avg:78.67	36	35	35	Passed

The results of tests are satisfactory.

Prepared By,			Checked By,			Approved By,		
Abhijeet Shetty			Abhijeet Shetty			Abhijeet Shetty		
Jr.Engineer - QA			Asst.Manager-QA			Manager Engineering		