

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

T.C. No.: 2226 Date: 2016-12-21 Customer: Andritz Hydro Private Limited Date: 2016-10-15 PO No: 4501726035 Part Description: SHCS M48X200 RFI CO No: CON/16-17/00273 Date: 2016-12-16 Ref Std./Drawing No.: ISO 2269 Item Code: 132788496 Qty: 08 nos Material: ISO 898-1/12.9 Chemical Composition: Reference STD: DIN EN 10083-3 42CrMo4 1.7225

Chemicai	Kelefelice STD. DI		
	Elements	Heat No.	Remark
Sr.No.	Batch Code	Min	
		Max	
1	DHQ	98626	Passed

Chemical Composition :		Reference STD: ISO 898-1 8.8 & 10.9 C	arbon steel quenched and tempered			pered	
	El		TT (NT	0.07	3.4 0/	D 0/	0.0/

				- 40.00			
	Elements	Heat No.	C %	Mn %	P %	S %	Remark
Sr.No.	Batch Code	Min	0.25	0	0	0	
		Max	0.55		0.025	0.025	
1	DKF	K104538	0.4209		0.0115	0.0116	Passed
				_			

Mechanical Properties:					Reference	STD: ISO	O 898-1 10.	.9		
		Parameters	Heat No.	0.2% Proof	U.T.S.	Elongation	Reduction	Impact	Hardness	Remark
				Stress	(N/mm2)	(%)	(%)	@ -20C		
				(N/mm2)						
	Sr.No.	Batch Code	Min	940	1040	9	48	27Ј	320	
			Max						380	
	1	DKF/DXS	FC2-339,FC3-205	982.86	1086.27	14.3	55.78	90,84,82		Passed
								Avg:85.33		

Non Destructive Testing

	Sr.No.	Parameter	Required	Observation	Remark
	1	MPI Testing	As per MPI procedure	100% done & no record-able indications observ	ved OK
Surface Treatment					
П					

Sr.No.	Painting System specification	Coat/Observation	Remark
1	ВА7СН	Chesterton 740 standard	OK

Other Details		

Sr.No.	Parameter	Required	Observation	Result
1	Dimensions	As per drawing	Refer dimension report attached	OK
2	Marking	Mfg code, Batch code, Material grade & Year of	FRI, DQM, 12.9, 16	OK
		manufacturing		

The results of tests are satisfactory.

Prepared By, Checked By, Approved By,

Abhijeet Shetty Asst.Manager-QA Abhijeet Shetty Manager Engineering

Bhimrao Kulkarni Jr.Engineer - QA