

**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: Andritz Hydro Private Limited		T.C. No.: 3047	Date: 2017-02-23
PO No: 4501795356	Date: 2017-01-19	Part Description: Pole Lifting Device D69/D50/175	
RFI CO No: CON/16-17/00377	Date: 2017-01-24	Ref Std./Drawing No.: 5787065 Rev 00	
Item Code: 300841105	Qty: 06	Material: 34CrNiMo6V	

Chemical Composition :			Reference STD: DIN EN 10083-3								Remark
Elements		Heat No.	C %	Si %	Mn %	P %	S %	Cr %	Mo %	Ni %	
Sr.No.	Batch Code	Min	0.3	0	0.5	0	0	1.3	0.15	1.3	
		Max	0.38	0.40	0.80	0.025	0.035	1.70	0.30	1.70	Passed
1	DRC	HN125994T2-1091	0.3677	0.3631	0.7186	0.0102	0.0097	1.6952	0.2560	1.3369	

Mechanical Properties :					Reference STD: DIN EN 10083-3 34CrNiMo6 1.658						
Parameters		Heat No.	0.2% Proof Stress (N/mm2)	U.T.S. (N/mm2)	Elongation (%)	Reduction (%)	Impact @ Room Temp	Hardness			Remark
Sr.No.	Batch Code	Min	800	1000	11	50	45J	310			
		Max		1200				370			
1	DRC	HN125994T2-1091	894.48	1058.77	16.34	61.38	90,90,90 Avg:90	360	359	355	Passed

MPI Details as per P28A-AL-0203:							
Sr.No.	Parameter	Required			Observation		Result
1	MPI Testing	As per MPI procedure No. RFI/MT/01Rev.05			100% done & no recordable indications observed		OK

Surface Treatment						
Sr.No.	Painting System specification		Coat/Observation			Remark
1	BA7CH		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			RFI		OK

**The results of tests are satisfactory.**

Prepared By,

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Jr.Engineer - QA

Checked By,

Vishal Singh  
Asst.Manager-QA

Approved By,

Amit Petkar  
Manager Engineering