



# 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.: 0004

Date: 2016-12-01

PO No: 4501690096

Date: 2016-12-01

Part Description: BOLT M36X120

RFI CO No: 176

Date: 2016-12-01

Ref Std./Drawing No.: ISO 4017

Item Code: 132691717

Qty: 10

Material: ISO 898-1/8.8

### A. Chemical Composition:

Reference STD: DIN EN 10083-3 42CrMo4 1.7225

Elements	Heat No.	C %	Si %	Mn %	P %	S %	Cr %	Mo %	Remark
Sr.No.	Batch	Min	0.38	0	0.6	0	0	0.9	0.15
	Code	Max	0.45	0.40	0.90	0.025	0.035	1.20	0.30
0	DNU	K10620	0.3881	0.2491	0.7504	0.0079	0.0089	1.1514	0.2117
		1T3-138							Passed
		0							

### B. Mechanical Properties :

Reference STD: ISO 898-1 10.9 Carbon Steel

Parameters	Heat No.	0.2% Proof Stress (N/mm2)	U.T.S. (N/mm2)	Elongation (%)	Reduction (%)	Impact @ -20C	Hardness	Remark
Sr.No.	Batch	Min	940	9	48	320	320	
	Code	Max					380	
{{iindex+1}}	{{item.BatchCode}}	{{item.HeatNo}}	{{i.Value number:2}}	{{item.Limit}}	Surface Core	{{i}}		{{item.Remark}}
	/{{item.BatchNo}}							
{{iindex+1}}	{{item.BatchCode}}	{{item.HeatNo}}	{{i.Value number:2}}	{{item.Limit}}	Surface Core	{{i}}		{{item.Remark}}
	/{{item.BatchNo}}							