



# TEST CERTIFICATE

REV. 00  
CODE :- FM/ QC/ 15

Certificate No. HT/2105/04

Dated : 24.05.2016

Name of the Party: DC Handrails & Ironwork Parts Ltd	INVOICE NO. :
Material Description: Eye Bolt M20 X 155.00MM	GRADE : 4.6
	FINISH : EZP

**I. CHEMICAL ANALYSIS AS PER IS 1367 PART III & PART VI**

		BOLT			NUT		
Description/Size		C%	S%	P%	C%	S%	P%
		Min	--	--	--	--	--
	Max						
EYE BOLT M20X155		0.100	0.016	0.014	0.120	0.012	0.004

**II. MECHANICAL PROPERTIES AS PER IS 1367 PART III & PART VI**

		BOLT			NUT	
Materials Details	QTY	Pieces Checked	Ultimate Tensile Load Test In Kn	Proof Load Test In Kn	Hardness HRB	Hardness HRB
	SET		98.00 Kn	55.1	65 - 95	71 - 95
EYE BOLT M20X155		2	142.02 - 148.72	OK	84 - 87	84 - 89

**III. FINISH :ELECTRO ZINC PLATED**

Coating Thickness: Tested with Elco- Meter and found coating thickness between 12-16 microns so found **Satisfactory**.

**IV. VISUAL TEST**

Observation: No Surface Discontinuities observed and found **Satisfactory**.