



TEST CERTIFICATE

REV. 00
CODE :- FM/ QC/ 15

Certificate No. HT/2105/02

Dated : 24.05.2016

Name of the Party: DC Handrails & Ironwork Parts Ltd.	INVOICE NO. :
Material Description: Eye Bolt M16 X 153.00MM	GRADE : 4.6
	FINISH : EZP

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

Description/Size	BOLT				NUT		
		C%	S%	P%	C%	S%	P%
	Min	--	--	--	--	--	--
EYE BOLT M16X153	Max	0.120	0.014	0.008	0.110	0.018	0.006

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

Materials Details	QTY	Pieces Checked	Ultimate Tensile Load Test In Kn	Proof Load Test In Kn	Hardness HRB	NUT
						Hardness HRB
	SET		62.80 Kn	35.3	65 - 95	71 - 95
EYE BOLT M16X153		2	78.62 - 84.58	OK	84 - 88	84 - 89

III. FINISH : ELECTRO ZINC PLATED

Coating Thickness: Tested with Elco- Meter and found coating thickness between 12-18 microns so found **Satisfactory**.

IV. VISUAL TEST

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