



# TEST CERTIFICATE

REV. 00  
CODE :- FM/ QC/ 15

Certificate No. HT/2105/01

Dated : 24.05.2016

<b>Name of the Party:</b> DC Handrails & ironwork Parts Ltd.	<b>INVOICE NO. :</b>
<b>Material Description:</b> Eye Bolt M12 X 155.00MM	<b>GRADE :</b> 4.6
	<b>FINISH :</b> 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 M12X155		0.110	0.012	0.016	0.120	0.022	0.016	

### 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		33.70 Kn	25.02	65 - 95	71 - 95
EYE BOLT M12X155		2	48.28 - 56.02	OK	84 - 86	84 - 88

### III. FINISH :ELECTRO ZINC PLATED

**Coating Thickness:** Tested with Elco- Meter and found coating thickness between 12-17 microns so found **Satisfactory.**

### IV. VISUAL TEST

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