

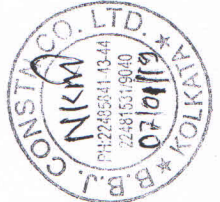
Sl. No.	Component & Operation	Characteristic to be Checked	Frequency & type of check	Reference Document	Fabricators Quality Control	Inspection details		Type of Records	Acceptance Criteria	Remarks
						Inspecting & Clearing Agency	Extent of Inspection			
1	2	3	4	5	6	7	8	9	10	11
1.1		e) Mechanical properties Verification UTS, YS, % EI, Bend test results in Manufacturer's Test Certificates f) Charpy V Notch Impact test for Plates 12mm thick & above at 0°C temperature - Reference Manufacturer's Test Certificates g) UST/USFD by Manufacturer before dispatch for plates 12mm thick & above - Verification of UST/USFD test results in Manufacturer's Test Certificates	or cast wise or section wise by Inspection Authority. Charpy V Notch Impact test on plates 12mm th & above at 0° c temperature by Manufacturer before dispatch. 100% Ultrasonic test on plates 12mm th & above by Manufacturer before dispatch. Internal Audit check by S.W.Rly. & Raw Steel clearance by S.W.Rly. Only.		100% of items a), b) c), d), e), f) & g) in Col. 3	S.W.Rly. or its nominated agency S.W.Rly. or its nominated agency S.W.Rly. or its nominated agency	e) 100% items in Col. 3 f) 100% items in Col. 3 g) 100% items in Col. 3		ASTM A 435 /IS:4225 for UST / USFD by Level-II Operator (ASNT or ANSI)	
1.2	HSFG Bolts & Normal Bolts, Nuts, Washers.	a) Physical conditions - Visual checking b) Dimensions - Measurement c) Material quality - Chemical analysis & Physical tests	All HSFG Bolts & Normal Bolts will be supplied by BBJ's regular vendors/suppliers with Manufacturer's Test Certificates.	Manufacturer's Test Certificates & Challans. Inspection Report provided by BBJ after their own	Random per lot items a) b) & c) in Col. 3	S.W.Rly. or its nominated agency	As per requirement	Manufacturer's Test Certificates. Inspection Report by BBJ with Test Results	Specification IS:3757 IS:6623 IS:6649 IS:1363 IS:1364 IS:1367 (Part III)	Clearance by S.W.Rly. or its nominated agency

Approval by RD SO

Signature of S. W. Railway Representative

Signature of Contractor

Signature of Fabricating Agency



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1.2		d) Verification of Manufacturer's Test Certificates	Further Tests for HSFG Bolts & Normal Bolts will be done by BBJ. Test at random will be done by S.W.Rly.	Inspection with Test Results from NABL approved Test Laboratory.	100% of d) in Col. 3	S.W.Rly. or its nominated agency	As per requirement	from NABL approved Test Laboratory.	IS:1367 (Part VI)	
1.3	Paints	Name of Paints, Name of manufacturers Specifications Batch nos. & Dates of manufacture. - Verification of Manufacturer's test certificates Lab. Test Report.	All Paints will be supplied by reputed Paint Manufacturers of BBJ. Test at random will be done by S.W.Rly.	Order copies, Receipt Document like Manufacturer's Test Certificates & Challans. S.W.Rly's approved List of Paint Manufacturers.	100% of items in Col. 3	S.W.Rly. or its nominated agency	Batchwise	Receipt Document. Manufacturer's Test Certificates, & Challan Lab. Test Report BBJ's Approval Certificate.	As per relevant IS Specification in contract document	
2		Layout, Templates, Jigs, Fixtures etc.								
2.1	Nominal Layout	Dimensional accuracy - Measurement with calibrated steel tape & gauges		Approved Drawings.	100% of items in Col. 3	RDSO	100% of items in Col. 3	IRS B1-2001 Appendix I item 4 Inspection Report of Inspecting Official Template & Jig Register Calibration Certificate	Approved Drawings. IRS B1-2001	Clearance by RDSO

Approval by RDSO

Signature of S. W. Railway Representative

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