



Ranipet

**MANUFACTURER'S
NAME &
ADDRESS
M/S BHEL / BAP /
RANIPET
TAMIL NADU-632 406**

STANDARD QUALITY PLAN

**ITEM/SUB SYSTEM: STANDARD QUALITY PLAN FOR
ELECTRICALLY OPERATED HOIST.**

Doc. Ref. No	QP:E:810
Rev. No	05
Date	06 10 2011
Page No	01 OF 02

Sl no 1	Component & operation 2	Characteristics 3	Class 4	Type of Check 5	Quantum of Check 6	Reference Documents 7	Acceptance Norms 8	Format Of Record 9	Agency 10		Remarks 11
									M	B	
1.0 1.1	<u>FINAL INSPECTION</u> Control panel	Component verification as per BOM & wiring check as per BHEL Appd Drgs.	Major	a) IR+HV Test b) Review for degree of protection	100% One/ Design	As per BHEL purchase specification / Drgs & IS 13947	As per BHEL purchase specification / Drgs & IS 13947	R	P	W	Following TCs to be reviewed a) Degree of protection certificate for control panel. b) Hook – Material TC, UT report, proof load test as per IS 3815 c) Wire Rope – Dimension, grade as per IS 2266

LEGENDS:
M – Manufacturer
B – BHEL/BHEL Authorised Inspection agency
P – Performed By, V – Verification Of Reports/ Records/TCs
T C – Test Certificate R- report,
W – Witness

Prepared by:**(ANIL SINGH)****Reviewed and Approved by:****(T.VENUGOPAL)**

Record of Revision	Rev No	Date	Changes made
		00	15 08 96
	01	05 02 98	Revised based on letter ref.no: BAP:QA:97:2815 DT 14 10 97 and general review.
	02	19 11 98	Revised based on SIMADRI QP:SIMH:862/00 & based on feed back received from QC/Proc.
	03	03 02 99	Revised based on sub vendors feed backs and general review.
	04	10 09 11	Revised based on sub vendors feed backs and general review
	05	06 10 11	Revised based on sub vendors feed backs and general review



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1.2	Performance	Trolley with Hoist	Major	a) Load test b) Over load test c) Speed control d) Lift e) Break operation f) Dimension	100%	As per BHEL Purchase specification & BHEL approved supplier drawing and IS 3938	As per BHEL Purchase specification & BHEL approved supplier drawing and IS 3938	R	P	W	d) CT & HOIST MOTOR :Routine TC as per IS 325 Only IR+ HV and no load current measurement are applicable for special purpose conical rotor motors. Name plate shall indicate Degree of protection as IP 55.
1.3	Painting	Appearance & Shade	"	Visual	"	As per BHEL Purchase specification & BHEL Approved supplier drg.	As per BHEL Purchase specification & BHEL Approved supplier drg	"	P	V	e) Link chain to be used in EOH shall be galvanized to minimum 25 microns.
1.4	Packing	Stability	"	"	"	As per BHEL purchase specification	As per BHEL purchase specification	R	P	-	