

VENDOR'S NAME & ADDRESS:		<b>STANDARD MANUFACTURING QUALITY PLAN</b>							QP. NO.: PESD/HPCL Vizag /QA/EP/0006				
		CUSTOMER: PROJECT: PRODUCT: Earthing Material				BHEL P.O.NO.: P.O.DATE: BHEL SPEC:			REV:		REV NO:      DATE:		
		PAGE 1 OF 3											
SL NO	COMPONENTS	CHARACTERISTICS	CLASS	TYPE OF CHECK	QUANTUM OF CHECK	REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORD	* D	AGENCY P    W    V			REMARKS

1.0	RAW MATERIALS & BOUGHT OUT ITEMS												
	RAW MATERIALS ROLL SECTIONS	CHEMICAL ANALYSIS	MAJOR	CHEMICAL	Minimum one per lot/Size/type	As per BHEL App drg/data sheet/spec	As per BHEL App drg/data sheet/spec	Lab report	√	2	-	1	
		MECHANICAL PROPERTIES	MAJOR	MECHANICAL	Minimum one per lot/Size/type	As per BHEL App drg/data sheet/spec	As per BHEL App drg/data sheet/spec	-do-	√	2	-	1	
		SURFACE FINISH	MAJOR	MECHANICAL	Minimum one per lot/Size/type	As per BHEL App drg/data sheet/spec	As per BHEL App drg/data sheet/spec	-do-	√	2	-	1	
		DIMMENSION	MAJOR	MECHANICAL	10%	As per BHEL App drg/data sheet/spec	As per BHEL App drg/data sheet/spec	-do-	√	2	-	1	
	ZINC	CHEMICAL ANALYSIS	MAJOR	CHEMICAL	5%	IS-209	IS-209	-do-	√	2	-	1	
2.0	INPROCESS INSPECTION												
	INPROCESS INSPECTION OF STRIPS AND WIRE	VISUAL CHECK	MAJOR	VISUAL	100%	As per BHEL App drg/data sheet/spec	As per BHEL App drg/data sheet/spec	Log Book	√	2	-	1	
		DIMENSIONAL CHECK	MAJOR	MANUAL	100%	As per BHEL App drg/data sheet/spec	As per BHEL App drg/data sheet/spec	Log Book	√	2	-	1	
		HOT DIP GALVANIZATION	MAJOR	VISUAL	100%	As per BHEL App drg/data sheet/spec	As per BHEL App drg/data sheet/spec	Log Book	√	2	-	1	
3.0	FINAL INSPECTION & TESTING												

LEGEND: P: PERFORM, W: WITNESS, V: TEST CERTIFICATE REVIEW. INDICATE 1 FOR CUSTOMER TPIA TUV SUD & 2 FOR VENDOR/SUB VENDOR AS APPROPRIATE AGAINST EACH COMPONENT /CHARACTERISTIC UNDER P, W & V COLUMNS. * FOR ITEMS MARKED ✓ (TICK) IN COLUMN 'D', TEST CERTIFICATES SHALL BE SUBMITTED TO BHEL FOR RECORDS.	PREPARED BY	APPROVED BY	APPROVED BY
	VENDOR'S SIGNATURE & STAMP	BHEL QA SIGNATURE & STAMP	CUSTOMER'S SIGNATURE & STAMP



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	FINAL INSPECTION OF STRIPS AND WIRE	UNIFORMITY OF ZINC COATING	CRITICAL	CHEMICAL	AS PER IS-4759	As per BHEL App drg/data sheet/spec	As per BHEL App drg/data sheet/spec	TC	√	2	1	1	
MASS & THICKNESS OF ZINC COATING		CRITICAL	MECHANICAL	AS PER IS-4759	As per BHEL App drg/data sheet/spec	As per BHEL App drg/data sheet/spec	TC	√	2	1	1		
ADHESION & DFT TEST		CRITICAL	MECHANICAL	AS PER IS-4759	As per BHEL App drg/data sheet/spec	As per BHEL App drg/data sheet/spec	TC	√	2	1	1		
DIMENSIONAL CHECK		CRITICAL	MECHANICAL	AS PER IS-4759	As per BHEL App drg/data sheet/spec	As per BHEL App drg/data sheet/spec	Report	√	2	1	1		
VISUAL CHECK		CRITICAL	VISUAL	AS PER IS-4759	As per BHEL App drg/data sheet/spec	As per BHEL App drg/data sheet/spec	Report	√	2	1	1		
<b>4.0 PRESERVATION &amp; PACKING</b>													
		Packing should be according BHEL Spec, including of all accessories											

**Notes:-**

1. This Standard MQP should be read along with specification (Latest revision as per PO), approved drawings & approved datasheet (as applicable).
2. Drawing/datasheet shall prevail over quality plan for contradiction if any.
3. Any project/customer specific requirements which shall be notified have to be fulfilled by the vendor at the time of execution of order.

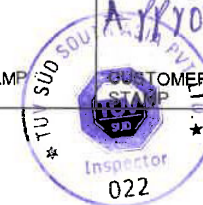
**Abbreviations:-**

MTC - Material Test certificate  
IR - Inspection Report

TC - Test Certificate  
ITR - Internal Test Report

RT - Radiography Test  
UT - Ultrasonic Test



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NDE - Non Destructive Examination  
 IBR - Indian Boiler Regulations  
 COC - Certificate of Compliance  
 LPT - Liquid Penetrant Test  
 DFT - Dry Film Thickness

Revision History:-					
Rev No.	Date	Revision Status	Rev No.	Date	Revision Status
00	01-10-16	Initial Issue			

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	VENDOR'S SIGNATURE & STAMP	 BHEL C...RE & STAMP	 CUSTOMER'S SIGNATURE & STAMP Inspector 022

**PROJECT ENGINEERING & SYSTEMS DIVISION****RC PURAM, HYDERABAD.****QUALITY & BUSINESS EXCELLENCE****INSPECTION / TC REVIEW FORMAT**

1	Vendor's Name:		5	Applicable BHEL Spec No:	
2	Project:		6	Approved Drawing No:	
3	PO No:		7	Approved Data Sheet No:	
4	Item Description:		8	Approved QAP No:	

**OFFER LIST**

S.No	BBU/ PO Sr. No.	Item Description	Total Qty as per PO/BBU	Qty. already accepted	Qty offered for TC review	Cumulative Qty	Balance Qty
A							
B							
C							
D							

**TC REVIEW REQUISITION**

BBU / PO Sr. No.	QAP Clause No.	Format of Record	Certificate No. & Date	Page No.	REMARKS
<b>A. Item Description:</b>					
<b>B. Item Description:</b>					
<b>C. Item Description:</b>					
<b>D. Item Description:</b>					
<b>E. Item Description:</b>					

**SUPPLIER / VENDOR SIGNATURE WITH SEAL****BHEL/ BHEL's TPIA SIGNATURE WITH SEAL****Dt:****Dt:**