

BHEL		REFERENCE QUALITY PLAN					NTPC		TO BE FILLED BY NTPC					
MANUFACTURER'S NAME: BHEL CPP RUDRAPUR		ITEM: ISOLATED PHASE BUS DUCT		QP NO: QP/BD/RQP/IP REV-02		SIGN OF MFR <i>Sundar</i>		QP NO: 0000-999-QVE-P404 Rev: 00 Date: 15.01.2015 VALID UP TO: 14.01.2018		REVIEWED BY H Shekhar Raksha Singh SM Ibrahim Razi		APPROVED BY <i>Dr. &amp; M. JAIN</i>		
SL NO.	COMPONENT & OPERATION	CHARACTERISTICS	CLASS	TYPE OF CHECK	QUANTUM OF CHECK		REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORD	AGENCY			REMARKS	
					M/C	N				M	C	N		
1	2	3	4	5	6		7	8	9	D*	10		11	
2.1 0	PAINT	a) Make b) Type c) Grade d) Shade e) Viscosity f) Flash Point g) Shelf Life	Major	Visual Physical	100%	-	Manufacturer's Standard & as per NTPC requirement	IS : 5-1994	TC		V	-	-	
2.1 1	STEEL STRUCTURE	a) Visual & Dimensions b) Galvanizing thickness c) Mass of zinc coating d) Adhesion / Preece test e) Surface finish f) Stripping test	Major	Measure Test	One sample of each type	One sample of each type	BHEL Drg	BHEL Drg	OS TC		W	-	W	Structure should be free from Zn touch-up. Slags and burrs to be removed.
2.1 2	LAVT/SPVT & NG CURBICLE	a) Dimension b) Wiring j) Visual ii) Continuity ii) 2 kV Test c) HV Test (Dielectric Test)	Major	Measure Visual Test	100%	100%	BHEL Drg	BHEL Drg	OS TC		W	-	W	
2.1 3	AI WELDING ELECTRODE	a) Finish b) Chemical composition	Major	Visual Test	As per IS:2500		BHEL Specs	BS:2901	TC		V	-	-	

LEGEND:  
 \*M: BHEL NOMINATED INSPECTION AGENCY, C: MAIN CONTRACTOR, N: NTPC  
 P: PERFORM, W: WITNESS AND V: REVIEW OF RECORDS. "W" INDICATED IN COLUMN "N" SHALL BE CPP  
 CPP: CUSTOMER REPRESENTATIVE