

		QUALITY ASSURANCE PLAN					QAP NO: RAPP-7&8/QAP/51130/01		REV: R0	DATE: 29.09.14			
		ISOLATED PHASE BUS DUCT & ACCESSORIES					CLIENT: M/s NPCIL						
							EPC CONTRACTOR: M/s L&T						
							PROJECT: BOTI PACKAGE RAPP 7&8						
							NPCIL PO NO.: CHM/MEQ/Z1-40-2-1067/PO/6458/59 DATE: 03-12-2012						
SL NO.	COMPONENT	CHARACTERISTICS	CATEGORY	METHOD OF CHECK	EXTENT OF CHECK	REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORDS	AGENCY				REMARKS
									P	W	R	H	
2.14	Pressurisation Equipment	a) Raw materials	Major	Visual	1 Sample	BHEL Appd Drawing / DS	BHEL Appd Drawing / DS	TR	4		3,2,1		Witness at Equipment Manufacturer's Works.
		b) Bought out items such as compressor valves, pipes, fittings, instruments, dryers etc	Major	Visual	100 %			TR	4		3,2,1		
		c) Fabrication & Welding	Major	Visual	100 %			TR	4		3,2,1		
		d) NDT on welds	Major	Visual	100 %			TR	4		3,2,1		
		e) Pressure test	Major	Test	100%			TR	4	3,2,1			
		f) Final inspection including visual, workmanship, dimensional, full functional verification of technical particulars, conformity to BOQ, painting etc.	Critical	Test	100%			TR	4	3,2,1			
2.15	Hot Dip Galvanized Steel Structure	a) Visual & Dimensions	Major	Visual / Measurement	1 sample of each type	BHEL Appd Drawing / DS	BHEL Appd Drawing / DS	IR	4	3	2,1		
		b) Galvanizing thickness	Major	Measurement				TR	4	3	2,1		
		c) Mass of zinc coating	Major	Measurement				TR	4	3	2,1		
		d) Adhesion / Preece test	Major	Physical				TR	4	3	2,1		


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