

		QUALITY ASSURANCE PLAN					QAP NO: QP/BD/RU/CUFLEX						
							REV: 00						
		ITEM: COPPER STRIP/BRAIDED FLEXIBLE					DATE: 15.11.14						
							PAGE: 1 OF 1						
SL. NO.	COMPONENT	CHARACTERISTICS	CATEGORY	METHOD OF CHECK	EXTENT OF CHECK	REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORDS	AGENCY				REMARKS
									P	W	R	H	
1.0	Copper strip/braided flexibles	a) Dimensions*	Major	Measurement	100 %	Appd TDS	Appd TDS	IR	3	1/2	-	-	* 5% random witness by 1/2 for characteristic (a)
		b) Surface finish	Minor	Visual	100 %	PS	PS	IR	3	1/2	-	-	
		c) Chemical Composition	Major	Chemical	Sample	IS: 191	IS: 191	TR	3/4	-	1/2	-	
		d) Tensile Strength	Critical	Mechanical	1 sample/lot	IS:613/IS:1897	IS:613/IS:1897	TR	3/4	-	1/2	-	
		e) % of Elongation	Critical	Mechanical	1 sample/lot	IS:613/IS:1897	IS:613/IS:1897	TR	3/4	-	1/2	-	
		f) Silver Plating for flexible connector	Critical	Measurement	5% sample/lot	PS	PS	IR	4	1/2	-	-	
		g) Electrical Conductivity	Critical	Electrical	1 sample/lot	IS:613/IS:1897	IS:613/IS:1897	TR	4	1/2	-	-	
		h) Pull test on flexible conductor (if applicable)	Critical	Mechanical	1 sample/lot	PS	PS	TR	3/4	1/2	-	-	
		i) Weight of flexible (to be verified with BHEL appd drg)	Critical	Visual	5 samples/lot	BHEL Drg	BHEL Drg	IR	4	1/2	-	-	

ABBREVIATIONS:

R= REVIEWED BY

P= PERFORMED BY

W= WITNESS BY

H= HOLD (UNLESS A WRITTEN CLEARANCE IS OBTAINED FROM BHEL, MANUFACTURER SHALL NOT PROCEED TO NEXT STAGE)

IR= INSPECTION REPORT

TR= TEST REPORT/CERTIFICATE

TDS= TECHNICAL DATA SHEET

APPD DRG= APPROVED DRAWING

PS= PLANT STANDARD

IS= INDIAN STANDARD

IEC= INTERNATIONAL ELECTRO TECHNICAL COMMISSION STANDARD

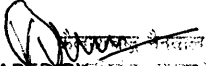
IEEE= INSTITUTE OF ELECTRONICS & ELECTRICAL ENGINEERS STANDARD

1= BHEL-QC

2= BHEL'S THIRD PARTY INSPECTION AGENCY

3= MANUFACTURER

4= NABL APPROVED EXTERNAL LABORATORY


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