

Bharat Heavy Electricals Limited

HIGH PRESSURE BOILER PLANT , TIRUCHIRAPPALLI 620 014.

TECHNICAL DELIVERY CONDITIONS

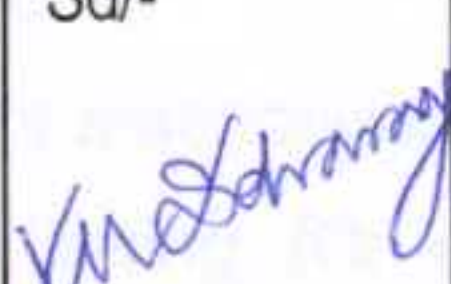
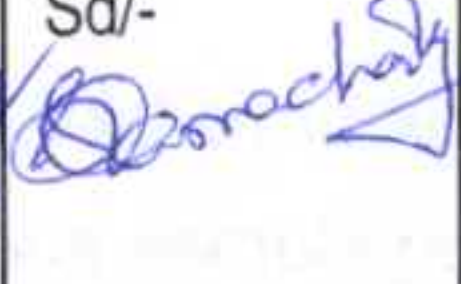

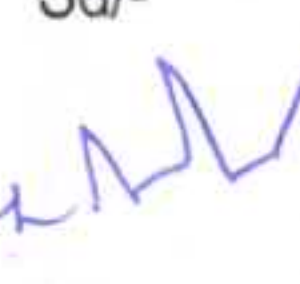
FOR SUB - DELIVERY COMPONENTS OF

CONTROLS AND INSTRUMENTATION

TDC : TCI : 129 / REV 05

PAGE 01 OF 03

CRIMPING LUGS

Rev. No.	DATE	DESCRIPTION	PREPARED	REVIEWED	APPROVED	
					ENGG	QAC
01,02	----	General Revisions	Sd/-	Sd/-	Sd/-	Sd/-
03	09.07.93	Page Number added	Sd/-	Sd/-	Sd/-	Sd/-
04		General Revision	Sd/-	Sd/-	Sd/-	Sd/-
05	07-02-04	Revised as per revisit				

CL NO.	CHARACTERISTICS	REQUIREMENT	VENDOR COMPLIANCE (Refer Note : 2)
1.0	<u>SITE CONDITIONS</u>		
1.1	Altitude above mean sea level	550 m	
1.2	Ambient temperature condition	50° C	
1.3	Relative humidity	100 %	
1.4	Atmosphere	Tropical , Dusty, salty, corrosive & highly polluted	
2.0	<u>GENERAL</u>		
2.1	Reference standard	IS 1897 (For copper)	
2.2	Application	For terminating wires/cores of cables to terminal blocks.	
2.3	Type	Insulated type (Ring type, Round Pin type, Flat Pin type, Inline connector)	
2.4	Material of lug	Pure, high grade electrolytic copper as per IS 1897	
2.5	Finish	Lug to be Electro tinned	
2.6	Type of conductor to which crimped	Solid copper conductor/Stranded copper conductor	
2.7	Type of socket of the lug	Closed type, with silver brazing to ensure perfect contact. Serration on inside for ensuring proper grip of conductor.	
2.8	Material of insulation	PVC with metal reinforcement	
2.9	Insulation voltage grade	1100 Volts	
2.10	Model/Size	As per Purchase Enquiry	
3.0	<u>INSPECTION & TESTING</u>	i) Dimensions ii) Check for inscriptions. Make/model. Persulphate	

CL NO.	CHARACTERISTICS	REQUIREMENT	VENDOR COMPLIANCE (Refer Note : 2)
4.0	<u>PACKING</u>	test for tinning. (On one sample per Purchase order) iii) Material certificate (typical) As per Packing Procedure QA:CI :STD:PR:04 (Latest Revision)	

NOTE:

1. Refer current valid list for revision status of Quality Plan, Drawing No. & Packing Procedure.
2. In Vendor Compliance column - vendor to indicate 'YES', 'NO' or 'NOT APPLICABLE'.