



BHARAT HEAVY ELECTRICALS LIMITED, BHOPAL

QUALITY ASSURANCE PLAN FOR CARBON BRUSH TO BHEL ORDERING SPECIFICATION/DRAWING AS PER PO

QUALITY PLAN NO. – QTM/TXM/VENDOR/QAP/2020-21/CARBON BRUSH REV 00

DATED: 08.01.2021

Page : 1 of 3

SL. NO	COMPONENT	CHARACTERISTICS	TYPE OF CHECK	QUANTA M OF CHECK	REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORD	INSPECTION AGENCY	REMARKS
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1.0 RAW MATERIALS & BOUGHT OUT ITEMS									
1)	Carbon Block	Chemical & Mechanical	TC verified & Measurement	Sample	As per IS 13466/TM 98262	As per drawing & Specification	MTC	BHEL/TPIA	Record Review
2)	Terminal	Dimensions	TC verified & Measurement	Random Sample	As per IS 13466/TM 98262		MTC	BHEL/TPIA	
3)	Flexible	Dimensions	TC verified & Measurement	Random Sample	As per IS 13466/TM 98262		MTC	BHEL/TPIA	

गजेन्द्र सिंह राठौर / Gajendra Singh Rathour
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गुणता नियंत्रण विभाग (सह. प्र. ई.) / Quality Control-CIM
बी.एस.ई. परीक्षा विभाग / BHEL, BHOPAL



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2.0	INPROCESS INSPECTION								
1)	a)Workmanship b)Dimensional c)accuracy test d)Connection drop test e)Pullout Strength Test f)Hardness	Visual, Dimensions, Mechanical & Electrical	Measurement & Visual	Sample	As per IS 13466/ TM 98262/ IS13584	As per drawing & specification	Internal Records	BHEL/TP/A	Record Review

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3.0 FINAL INSPECTION & TESTING						
		Visual, Dimensions, Mechanical & Electrical	Measurement & Visual	Sample	As per IS 13466/ TM 98262/ IS13584	
1)	a) Workmanship b) Dimensional accuracy test c) Connection drop test d) Pullout Test e) Hardness		Visual			
2)	Identification marking (grade, vendor name , PO)	Visual	Visual	Sample	100%	As per drawing & specification
3)	Packing to avoid transit damage	Visual	Visual	Sample	100%	Internal Records
						BHEL/TPIA
						Witness

Prepared By

Approved By

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