

# FIELD QUALITY PLAN

FOR


**Name of work:- Closing the openings at CNC hall roof ,  
dismantling & re-fixing of turboventilators & replacement of  
sheet at tool store of TGM block and at other location inside  
factory area.**



FACTORY CIVIL DEPARTMENT

**BHARAT HEAVY ELECTRICALS LIMITED**

**BHOPAL**

 <b>BHOPAL</b> <b>FACTORY CIVIL DEPARTMENT</b>		<b>AUTHORISATION FOR DIFFERENT CATEGORIES OF CHECKS</b>	
Classification of Check		Inspection Authority <b>BHEL</b>	Clearing Authority <b>BHEL</b>
Symbol	Description		
A	Critical	Engineer-in -charge	Sr. Engineer-in -charge
B	Major	Engineer-in -charge	Sr. Engineer-in -charge
C	Minor	Engineer-in -charge	Sr. Engineer-in -charge

**NOTE :**

- 1 Quantum of check shall be 100% for all characteristics unless otherwise mentioned in reference documents. Contractors will be responsible for getting the work inspected by inspecting authority after carrying out inspection by themselves as per Field Quality Plan.
- 2 In case of non-conformity, before accepting, clearing agency shall ensure disposition and the same shall be reflected in the log-sheet /protocol.
- 3 For checks where log sheets are not called for, suitable records shall be maintained in the form of log book / protocols.
- 4 Abbreviations used in the column "Type of Check" are
  - R : Record Verification
  - M : Measurement
  - W : Witness
  - T : Test
- 5 Abbreviations used in the column "Format of Record" are
  - SR: Site Register
  - TR : Test Report
- 6 In case of non-availability of inspecting/clearing authority of prescribed level the job shall be performed by higher authorities or the persons authorized by sectional head



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## Field Quality Plan

**DOC NO: FQP**

**REV NO: NIL**

S No.	CHARACTERISTICS / ITEM	TYPE OF CHECK	INSTRUMENT	CLASS	QUANTUM/ FREQUENCY OF CHECK	REFERENCE DOCUMENT/ ACCEPTANCE STANDARD	FORMAT OF RECORD	REMARKS
<b>1.0</b>	<b>Fabrication Works</b>							
<b>1.1</b>	<b>Electrodes</b>							
1.1.1	Moisture Free storage for electrodes as per IS 1395:1982	T	As per IS:1395:1982	C	100%	As per IS:1395:1982	SR	
1.1.2	100% visual examination shall be carried out in the vicinity of welds for arc strikes, undercuts, cleats, tacks & gouges & shall be ground and blended. The entire butt weld area shall be dye penetrant/magnetic particles tested.	T	As per Corporate Standard AA 0622101	C	100%	As per Corporate Standard AA 0622101	SR	
1.1.3	Visual checks/Dye penetration test as per criticality of the joint	T	As per relevant standards	C	100%	As per relevant standards	SR	

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2	GALVALUME SHEET							
2.1	Physical dimensions such as pitch, crest depth	T	IS 15965 or AS-1397 or relevant standard of ASTM	A	For each lot of supply	IS 15965 or AS-1397 or relevant standard of ASTM	SR	
2.2	Relevant tests as per manufacturer specifications	T	IS 15965 or AS-1397 or relevant standard of ASTM	A	For each lot of supply	IS 15965 or AS-1397 or relevant standard of ASTM	Test record	Manufacturer test report to be submitted