

FIELD QUALITY PLAN

FOR

**Name of work:- Enhancement of day light illumination in CIM
(ID and Moulding Shop) and other area inside factory area.**



FACTORY CIVIL DEPARTMENT

BHARAT HEAVY ELECTRICALS LIMITED

BHOPAL



FACTORY CIVIL DEPARTMENT

AUTHORISATION FOR DIFFERENT CATEGORIES OF CHECKS

Classification of Check		Inspection Authority	Clearing Authority
Symbol	Description	BHEL	BHEL
A	Critical	Engineer-in -charge	Sr. Engineer-in -charge
B	Major	Engineer-in -charge	Sr. Engineer-in -charge
C	Minor	Astt. Engineer	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 themself 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
V : Visual
- 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



Bhopal

Standard Field Quality Plan

S No.	CHARACTERISTICS / ITEM	TYPE OF CHECK	INSTRUMENT	CLASS	QUANTUM/ FREQUENCY OF CHECK	REFERENCE DOCUMENT/ ACCEPTANCE STANDARD	FORMAT OF RECORD	REMARKS
1.0 Fabrication Works								
1.1	Electrodes							
1.1.1	Moisture Free storage for electrodes as per IS 1395:1982	W	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.	W	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	W	As per relevant standards	C	As per Criticality of Joints.	As per relevant standards	SR	
2 POLYCARBONATE SPECIFICATIONS								
2.1	Self ignition	T	As per relevant standards	A	Once for each lot	As per relevant standards	TR	Manufacturer test certificate to be submitted by the contractor
2.2	Smoke density,	T	As per relevant standards	A	Once for each lot		TR	
2.3	Burning extent,	T	As per relevant standards	A	Once for each lot		TR	
2.4	Weathering evaluation etc.	T	As per relevant standards	A	Once for each lot		TR	