

# **FIELD QUALITY PLAN**

## **FOR**

**Repairing of Magnesium Oxychloride flooring in test bay and  
old UHV lab of NTB inside factory area.**



**FACTORY CIVIL DEPARTMENT**  
**BHARAT HEAVY ELECTRICALS LIMITED**  
**BHOPAL**

# FIELD QUALITY PLAN ( FQP )

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<b>DOCUMENT NO.</b>	FQP/FCX/20211013	
<b>ORIGINAL DATE OF ISSUE</b>	18.09.2020	
<b>REVISION NO. &amp; DATE</b>	NIL	
<b>DATE OF ISSUE</b>	NIL	
<b>PREPARED BY</b>	C L Malav Dy.MANAGER (FCX-Plg)	
<b>REVIEWED BY</b>	V Rajesh MANAGER (FCX-Plg)	
<b>APPROVED BY</b>	A K Vyas Sr. MANAGER (FCX)	



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FACTORY CIVIL DEPARTMENT

## AUTHORISATION FOR DIFFERENT CATEGORIES OF CHECKS

Classification of Check		Inspection Authority <b>BHEL</b>	Clearing Authority <b>BHEL</b>
Symbol	Description		
A	Critical	Dy. Manager (FCX-PLG)	Manager (FCX-PLG)
B	Major	Dy. Manager (FCX-PLG)	Manager (FCX-PLG)
C	Minor	Dy. Manager (FCX-PLG)	Manager (FCX-PLG)

**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
- 7 Tests not explicitly mentioned but necessitated as per work requirement or as per discretion of Engineer Incharge shall be carried out as per relevant standards.



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Sr No.	CHARACTERISTIC / ITEM	TYPE OF CHECK	INSTRUMENT	CLASS	QUANTUM/ FREQUENCY OF CHECK	REFERENCE DOCUMENT/ ACCEPTANCE STANDARD	FORMAT OF RECORD	REMARKS
1	<b>DEMOLITION OF FLOOR</b>							
1.1	Check for the initial ground level before start of excavations/Chipping .	M	As agreed/ required	B	100%	Technical Specification	SR	
1.2	Check for the final shape and Dimensions of Excavation/Chipping including final excavation level & required clearances	M	As agreed/ required	B	100%	Technical Specification	SR	
<b>2.0</b>	<b>MATERIALS</b>							
2.1	Materials for use in the manufacture of magnesium oxy-chloride flooring compositions such as Magnesium Oxide, Calcium Carbonate, Silica, Quartz, Saw Dust, Talcum Powder etc.	T	As per IS:657-1982	B	Once for Each Lot of material supplied	As per IS:657-1982 IS:10132-1982 or Manufacture Specification	TR	
2.2	Compressive Strength	T	As per IS:657-1982 IS:10132-1982	B	Once for Each Lot of material supplied	As per IS:657-1982 IS:10132-1982 or Manufacture Specification	TR	