



Standard Field Quality Plan

DOC NO: FQP/FCX/005

REV NO: NIL

Issue date : 24.07.2020

[illegible]



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BHOPAL
FACTORY CIVIL DEPARTMENT

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S No.	CHARACTERISTICS / ITEM	TYPE OF CHECK	INSTRUMENT	CLASS	QUANTUM/ FREQUENCY OF CHECK	REFERENCE DOCUMENT/ ACCEPTANCE STANDARD	FORMAT OF RECORD	REMARKS
4.3.1	Bulkage & Moisture Content	V	As per IS:2386 Part III	B	Once for Each stack of 100 Cum or part there of.	As per IS:2386 Part III ,IS:383	Test Report	
4.3.2	Silt, Clay content, soundness.	V	As per IS:2386 Part II,V,VI & VIII	B	Once per source & for on every change of source	As per IS:2386 Part-II, V, VI,VII IS:383	Test Report	
4.3.3	Sieve analysis, particle size & shape	V	As per IS:2386 Part I	B	Once per 100 cum or every change of source	As per IS:2386 IS:383/	Test Report	
4.3.4	Specific Gravity, Water absorption, bulk density & voids	V	As per IS:2386 Part III	B	Once per source & for on every change of source	As per IS:2386 Part-III, IS:383	Test Report	
4.4	SAND							
4.4.1	Fineness Modulus(Sieve analysis)	V	As per IS:2386 Part I	B	Once per 100 cum or every change of source	As per IS:2386 IS:383/	Test Report	
4.4.2	Silt Content	V	As per IS:2386	B	Once per source & for on every change of source	As per IS:2386 IS:383/	Test Report	
4.4.3	Bulkage/Moisture Content	V	As per IS:2386 Part III	B	Once per 100 cum or every change of source	As per IS:2386 Part III ,IS:383	Test Report	



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4.5	CONCRETE							
4.5.1	Crushing strength (Works tests cubes)	W&T	Cube Crushing Machine	A	As per IS :456	IS:516 & IS:456, IS:10262	Test Report	
4.5.2	Workability-Slump Test	W&T	Slump Cone	B	In every load for RMC and every 10 cum for BMC.	IS:456 & IS:1199	Test Report	
5.0	BRICKS							
5.1	Water absorption	T	As per IS:3495 (Part-I)	A	As per IS:3495 & IS 5454	IS 1077 , IS 3495 & IS 5454	Test Report	
5.2	Compressive Strength	W	Compressive strength testing machine	A	Sampling as per IS:1077	IS 1077 , IS 3495 & IS 5454	Test Report	
5.3	Check for dimension, soundness, colour, warpage & Efflorescence	M&T		B	Sampling as per IS:1077	IS 1077 , IS 3495 & IS 5454	Test Report	