
 <p>BHOPAL FACTORY CIVIL DEPARTMENT</p>		<h2 style="text-align: center;">Standard Field Quality Plan</h2>					DOC NO: FQP/FCX/20211039	
							REV NO: NIL	
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	B	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	B	100%	As per Corporate Standard AA 0622101	SR	
2 Galvalume Sheet								
Note : Source Inspection and Test witness as required shall be done.								
2.1	Physical dimensions such as pitch, crest depth etc	---	IS 14246	A	For each supply of 10 tonnes	IS 14246	Test Report	
2.2	Tensile Strength	---	IS 14246	A	For each supply of 10 tonnes	IS 14246	Test Report	
2.3	Thickness of Color coating	---	IS 14246	A	For each supply of 10 tonnes	IS 14246	Test Report	
2.4	Bend test	---	IS 14246	A	For each supply of 10 tonnes	IS 14246	Test Report	
2.5	Impact resistance test	---	IS 14246	A	For each supply of 10 tonnes	IS 14246	Test Report	
2.6	Pencil hardness test	---	IS 14246	A	For each supply of 10 tonnes	IS 14246	Test Report	
2.7	Scratch resistance test	---	IS 14246	A	For each supply of 10 tonnes	IS 14246	Test Report	
2.8	Composition test	---	IS 15961	A	For each supply of 10 tonnes	IS 15961	Test Report	
( For Supply less than 10 T , Certification by Engineer In charge for adherence of material to IS: 14246 shall be done )								

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<b>3</b>	<b>ENAMEL PAINT</b>							
3.1	Physical and Chemical Properties as IS 2933	T	IS 2933	A	For each lot of Manufacturer	IS 2933/ Manufacturer Specification	Test Report	