

 REERTH TECHNOLOGIES PVT. LTD. ECO-FRIENDLY RELIABLE SOLUTION		 Shop No. 03, Roshan Heights, Ring Road No. 1, Bhatagaon, Raipur (C.G.)		STANDARD QUALITY ASSURANCE PLAN					
				Item Description : Manufacturing Of Saumya Earthing Electrodes				Project :	
				QAP NO: Std QAP/ 24-25/				Client:	
				REV.NO: 00				Consultant:	
DATE :				Contractor:					
Sr. No.	Component and Operation	Characteristics	Type of Check	Quantum of check	Reference Document	Acceptance Norms	Format of Record	Inspection	
								Manufactur- turer	Client
1	2	3	4	5	6	7	8		
Raw Material									
1	Conductive Carbon	Physical & Chemical Properties	Manufacturer TC	Manufacturer TC	Approved IS Std	Approved IS Std	Manufacturer TC	p	R
2	Cement OPC	Physical & Chemical Properties	As per IS 269:2015	Every batch	Approved IS Std	Approved IS Std	Manufacturer TC	p	R
3	CBR Rod	Physical Properties	MTC Test	Every batch	CPRI Test	Approved IS Std	MTC	p	R
4	Molding Pipe	Physical & Mechanical Properties	Manufacturer TC	Every batch	Manufacturer TC	Manufacturer TC	Manufacturer TC	p	R
5	Packaging Material	Physical & Mechanical Properties	Manufacturer TC	Every batch	Manufacturer TC	Manufacturer TC	Manufacturer TC	p	R
6	Water	Suitability <i>or</i> conductive material	Manufacturer TC	Every batch	Manufacturer TC	Manufacturer TC	Manufacturer TC	p	R
Manufacturing Process									
7	Mixing	Physical, Mechanical , conductive Properties	Compressive Strength of Cubes	Random	Strength test , Permeability Test	IS 456:2000 & IS:516	lab test report	p	R
		Mix Design		One Mix Design	Manufacturer TC	Manufacturer TC	Design Mix Report		R
8	Cast	Filling mix material on Molds	Visual & Measurement	Every batch	Manufacturer TC	Manufacturer TC	IS Drawing	p	R

9	Curing	Curing via sprinkle	Visual & Measurement	Every batch	Manufacturer TC	07-14 days water curing as Per Manufacturer TC	Manufacturer TC	p	R
10	Quality & Arrangement	Design Considerations	Visual & Measurement	100%	GMP,	Approved IS Std	Inspection Reports	p	R

Final Inspection : Inspection

11	FINAL TESTING (FINISHED PRODUCT)	Dimensions & visual defects if any	Visual & Measurement	Random	Strength test , Permability Test , CPRI Test	Approved IS Std	Inspection Reports	p	R
12	Continuity Test	Low Voltage Test	Visual & Measurement	Every batch	LVD 2014/36	CE Approved	Inspection Reports	p	R
13	Marking	Identification of class , size source of Manufacture	Visual	100%	Approved IS Std	Approved IS Std	Inspection Reports	p	R
14	Reduce their environmental impact	Identification of class , size source of Manufacture	Visual & Measurement	100%	Approved IS Std	Approved IS Std	Inspection Reports	p	R
15	Managing occupational health and safety risks	Identification of class , size source of Manufacture	Visual & Measurement	100%	Approved IS Std	Approved IS Std	Inspection Reports	p	R
16	Quality management	Identification of class , size source of Manufacture	Visual & Measurement	100%	Approved IS Std	Approved IS Std	Inspection Reports	p	R
17	No Hazardous Substance	Identification of class , size source of Manufacture	Visual & Measurement	100%	Approved IS Std	Approved IS Std	Inspection Reports	p	R

LEGENDS:

M-MANUFACTURER C- CONTRACTOR TPI - THIRD PARTY INSPECTION P-PERFORM MTC-Material Cum test Certificate R-Refer latest revisions of IS code for above activities W- Visual

- Note: 1 . Copies of material report shall be given to inspection authority (IA) for scrutiny before commencement of inspection.
2. All measuring INSTRUMENTS AND TESTING EQUIPEMENTS. Calibrated periodically shall be submitted to IA on inspection time.
3. We hereby declare that we abide by this quality assurance plan and follow the same in all stages of production.
4. Before dispatch of items at casting yard same can be checked at random to confirm at all QAP Requirements.
5. Manufacture shall provide all test certificates & internal & external test reports with supply as per QAP,

Manufacturer	Contractor
Signature:	Signature:
Name:	Name:
Designation :	Designation :