

Date of Origin :		Raw Material Quality Plan						
Rev No. / Date:01/12/03/2013								
Sr.No.	Material Description	No	Parameter	Specification	Measuring Instrucment	Sample Size	Frequency	Recording Method
1	Cement	1	Visual	Should be free from Foreign Particles and lumps	Visual and Physical Check	01 bag per Lot	Each Supply	Inward Inspection record / Delivery Challan
		2	Color	Greenish Grey	Visual Check			
		3	Grade & Qty	As per Specification	Visual and Physical Check			
		4	Form	Fine Powder & silky smooth	Visual and Physical Check	200 to 300 gram		
		5	Soundness	As per Grade	Laboratory Test	Per Lot	Once in a 3 months based on Make	
2	Fine aggregate	1	Visual	Should be free from dust and dirt	Visual and Physical Check	Per Lot	Each Supply	Inward Inspection record / Delivery Challan
		2	Size	As per Specification	Visual and Physical Check			
		3	Silt Content	It should not be more than 7% of Volume	JAR Test			
3	Coarse aggregate	1	Visual	Should be free from Foreign Particles and Silt	Visual and Physical Check	Per Lot	Each Supply	Inward Inspection record / Delivery Challan
		2	Color	Blackish Grey	Visual Check			
		3	Shape of aggregate	Angular	Visual Check			
		4	Size	As per Specification	Visual and Physical Check Or Sieve Analysis		Source Change	
		5	crushing & impact value	As per Specification	Laboratory Test			
4	Bricks	1	Visual	Should be free from Cracks & Foreign Particles, shall have Frog Mark & No excessive burn	Visual and Physical Check	5 Sample Per Lot	Each Supply	Inward Inspection record / Delivery Challan
		2	Size	Unifrom Shape, Edges should be sharp & Straight and right angle	Visual and Physical Check			
		3	Strength	Should pass sound Test & Drop Test	Visual and Physical Check			
		4	Water Absorption	Should not be more than 20 % by weight	Visual and Physical Check			
		5	% of Breaking	Should not be more than 5 %	Visual and Physical Check	Per Lot	Each Supply	
5	STEEL	1	Visual	Should be free from Cracks, rust and Bends	Visual and Physical Check	Per Lot	Supply	Inward Inspection record / Delivery Challan
		2	Dimensional	Diameter as per the Specification	Visual and Physical Check			
		3	Material composition and Properties	As per Specification (Bending Strength, Yield Stress)	Laboratory Test / Supplier Report			

NOTE :

- 1) In case of Rejection the material is identified suitably and sent back to supplier and Supplier Corrective Action (SPD/PUR/F01-00) will be initiated
- 2) Other Materials (Ex.Tiles,Oaints, Plumbing Material and Finishing Materials) will be inspected as per specifications of the Manufactures Manual mainly for Make,ID No., Brand and Visual Check and specifications as required
- 3) In case of Material Accepted under deviation the records are kept the approval from Management will be obtained.

SPD/CON/F01-00

Prepared By : SITE INCHARGE

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