

Ref. No.

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Durocrete Engineering Services Pvt.Ltd. Pune.			
Document No: DUROqd3/2	Document : Test Request Form	Issue No. :	Date : 04-06-2022
Ammedment No : 04	Amend/mnt Date : 12-10-22		page : 1/1
Approved By : MD / MT		Issued By : M.Q.	

Review of Request(Cube/Steel/Other Testing)

BRICK TESTING

Sr.No	TEST	Test Method/Ref. IS Code to be Used for testing	Agree
1	Compressive Strength Testing	IS 3495 Parts : 1 : 2019, R4	
2	Water Absorption Testing	IS 3495 Parts : 2 : 2019, R4	
3	Efflorescence Testing	IS 3495 Parts : 3 : 2019, R4	
4	Dimension Analysis	IS 1077 : 1992(Reaffirmed Year : 2021)	
5	Density of Cement		

AAC BLOCK TESTING

Sr.No	TEST	Test Method/Ref. IS Code to be Used for testing	Agree
1	Compressive Strength Testing	IS 6441 : Part 5 : 1972(Reaffirmed Year : 2022)	
2	Block Density	IS 6441 : Part 1 : 1972(Reaffirmed Year : 2022)	
3	Drying Shrinkage	IS 6441 : Part 2 : 1972(Reaffirmed Year : 2022)	
4	Thermal Conductivity		
5	Dimensions	IS 2185 : Part 3 : 1984(Reaffirmed Year : 2022)	

STEEL TESTING

Sr.No	TEST	Test Method/Ref. IS Code to be Used for testing	Agree
1	Yield Strength	IS 1608 : 2022, IS 1786 : 2018, IS 432(pt-1) 2015	
2	Ultimate Strength	IS 1608 : 2022, IS 1786 : 2018, IS 432(pt-1) 2015	
3	% Elongation	IS 1608 : 2022, IS 1786 : 2018, IS 432(pt-1) 2015	
4	Weight per meter	IS 1786 : 2018	
5	Bend Test	IS 1786 : 2018, IS 1599 : 2019	
6	Rebend Test	IS 1786 : 2018	

TILE TESTING

Sr.No	TEST	Test Method/Ref. IS Code to be Used for testing	Agree
1	Dimension Analysis	IS 1608 : 2022, IS 1786 : 2018, IS 432(pt-1) 2015	
2	Water Absorption	IS 1608 : 2022, IS 1786 : 2018, IS 432(pt-1) 2015	
3	Modulus of Rupture	IS 1608 : 2022, IS 1786 : 2018, IS 432(pt-1) 2015	
4	Crazing Resistance	IS 1786 : 2018	
5	Scratch Hardness	IS 1786 : 2018, IS 1599 : 2019	
6	Surface Quality	IS 1786 : 2018	

CEMENT TESTING

Sr.No	TEST	Test Method/Ref. IS Code to be Used for testing	Agree
1	Consistency of Cement	IS 4031 (Part - 4) : 2019	
2	Finesses by Blaine Air Permeability Method	IS 4031 (Part - 2) : 2013	
3	Soundness by Le-Chatelier's Apparatus	IS 4031 (Part - 3) : 2019	
4	Sound by Autoclave	IS 4031 (Part - 3) : 2019	
5	Initial and Final Setting Time	IS 4031 (Part - 5) : 2019	
6	Density of Cement	IS 4031 (Part - 11) : 2019	
7	Compressive Strength	IS 4031 (Part - 6) : 2019	

ADMIXTURE CHEMICAL

Sr.No	TEST	Test Method/Ref. IS Code to be Used for testing	Agree
1	Ash Content	IS 9103 : 1999(Reaffirmed Year : 2018)	
2	Dry Material Content	IS 9103 : 1999(Reaffirmed Year : 2018)	
3	pH Value	IS 9103 : 1999(Reaffirmed Year : 2018)	
4	Relative Density	IS 9103 : 1999(Reaffirmed Year : 2018)	
5	Chlorides	IS 9103 : 1999(Reaffirmed Year : 2018)	

For Durocrete Use :

Sample Adequacy Yes / No

Date :

Sign

Inspected By :

Sign

Test To be done :

Inward Person Name :

Approved By :

Sign

Durocrete Engineering Services Pvt.Ltd. Pune.

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MASONRY BLOCK

Sr.No	TEST	Test Method/Ref. IS Code to be Used for testing	Agree
1	Compressive Strength Testing	IS 2185 Parts 1 : 2015(Reaffirmed Year : 2020)	
2	Water Absorption Testing	IS 2185 Parts 1 : 2015(Reaffirmed Year : 2020)	
3	Block Density	IS 2185 Parts 1 : 2015(Reaffirmed Year : 2020)	
4	Drying Shrinkage	IS 2185 Parts 1 : 2015(Reaffirmed Year : 2020)	
5	Moisture Movement	IS 2185 Parts 1 : 2015(Reaffirmed Year : 2020)	
6	Dimensions	IS 2185 Parts 1 : 2015(Reaffirmed Year : 2020)	

CLC BLOCK TESTING

Sr.No	TEST	Test Method/Ref. IS Code to be Used for testing	Agree
1	Compressive Strength Testing	IS 2185 Parts 4 : 2008(Reaffirmed Year : 2019)	
2	Water Absorption Testing	IS 2185 Parts 4 : 2008(Reaffirmed Year : 2019)	
3	Block Density	IS 2185 Parts 4 : 2008(Reaffirmed Year : 2019)	
4	Drying Shrinkage	IS 2185 Parts 4 : 2008(Reaffirmed Year : 2019)	
5	Moisture Movement	IS 2185 Parts 4 : 2008(Reaffirmed Year : 2019)	
6	Dimensions	IS 2185 Parts 4 : 2008(Reaffirmed Year : 2019)	

PAVING BLOCK TESTING

Sr.No	TEST	Test Method/Ref. IS Code to be Used for testing	Agree
1	Compressive Strength Testing	IS 15658 : 2021, R 1	
2	Water Absorption Testing	IS 15658 : 2021, R 1	
3	Tensile Splitting Strength	IS 15658 : 2021, R 1	
4	Flexural Strength	IS 15658 : 2021, R 1	
5	Dimensions		

DOOR SHUTTER TESTING

Sr.No	TEST	Test Method/Ref. IS Code to be Used for testing	Agree
1	Knife Test	IS 4020 : 2018	
2	Shock Resistance		
3	Slamming Test		
4	Glue Adhesion Test		
5	Screw Holding Power		

CONCRETE TESTING

Sr.No	TEST	Test Method/Ref. IS Code to be Used for testing	Agree
1	Compressive Strength Testing	IS 516 : Part 1 : Sec 1 : 2021	

CEMENT TESTING

Sr.No	TEST	Test Method/Ref. IS Code to be Used for testing	Agree
1	Sieve Analysis	IS 2386 (I) : 1963 (RA 2011)	
2	Specific Gravity & Water Absorption	IS 2386 (III) : 1963 (RA 2011)	
3	Bulk Density	IS 2386 (pt.III) : 1963 (RA 2011)	
4	Flakiness Index (Coarse Aggt)	IS 2386 (pt.I) : 1963 (RA 2011)	
5	Elongation Index (Coarse Aggt)	IS 2386 (pt.I) : 1963 (RA 2011)	
6	Coarse Agg. Crushing Value	IS 2386 (pt.IV) : 1963 (RA 2011)	
7	Coarse Agg. Impact Value	IS 2386(pt.III) : 1963 (RA 2011)	
8	Material Finer than 75 m(Fine Aggt)	IS 2386 (II) : 1963 (RA 2011)	
9	Coarse Agg. Abrasion Value(Los Angles)	IS 2386 (IV) : 1963 (RA 2011)	