

FEDERAL MINISTRY OF WORKS
MATERIALS, GEOTECHNICS & QUALITY CONTROL
15, AWOLOWO ROAD, IKOYI, LAGOS STATE

TEST SHEET FOR COMPRESSION TEST ON CONCRETE CUBES				REF NO:			
DATE OF CASTING : 04/06/24				CONTRACTOR: AXION AFRICA			
DETAILS: TRIAL MIX(NON – CHEMICAL)							
SAMPLE NO:				DATE IN WATER: 05/06/24			
DATE OF DELIVERY: 07/06/24				DATE OUT OF WATER: 07/06/24			
MIXING TIME:				AGE OF CUBE: 3 DAYS			
TIME CUBE MADE:							
DETAILS OF MIX:							
METHOD OF CURING: COMPLETE IMMERSION IN WATER							
CONCRETE CLASS: C-35			PSI =		N/MM ² : 24.0N/MM²		
----- Cubes made by		<u>ADESHOLA .I</u> Officer Completing Test			----- Client		
TEST RESULTS							
Mark on Cubes	Date of testing	Age of Testing	Size of Cube(mm)	Weight of cubes (kg)	Density kg/m ³	Crushed at KN	Strength N/mm ²
1	07/06/24	3 DAYS	150X150X150mm	8.36	2.477	571	25.4
2				8.17	2.421	495	22.0
3				8.53	2.527	551	24.5
AVERAGE STRENGTH : 24.0 N/MM²				MINIMUM STRENGTH : 22.0N/MM²			
----- Approved by		SATISFACTORY				----- Client	

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DATE OF CASTING : 04/06/24				CONTRACTOR: AXION AFRICA			
DETAILS: TRIAL MIX(NON – CHEMICAL).							
SAMPLE NO:				DATE IN WATER: 05/06/24			
DATE OF DELIVERY: 11/06/24				DATE OUT OF WATER: 11/06/24			
MIXING TIME:				AGE OF CUBE: 7 DAYS			
TIME CUBE MADE:							
DETAILS OF MIX:							
METHOD OF CURING: COMPLETE IMMERSION IN WATER							
CONCRETE CLASS: C-35			PSI =		N/MM ² : 28.2N/MM²		
-----		<u>ADESHOLA .I</u>		-----			
Cubes made by		Officer Completing Test		Client			
TEST RESULTS							
Mark on Cubes	Date of testing	Age of Testing	Size of Cube(mm)	Weight of cubes (kg)	Density kg/m ³	Crushed at KN	Strength N/mm ²
1	11/06/24	7 DAYS	150X150X150mm	8.41	2.492	687	30.3
2				8.72	2.584	650	28.9
3				8.23	2.439	574	25.5
AVERAGE STRENGTH : 28.2 N/MM²				MINIMUM STRENGTH : 25.5N/MM²			
-----		SATISFACTORY		-----			
Approved by				Client			

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TEST SHEET FOR COMPRESSION TEST ON CONCRETE CUBES				REF NO:			
DATE OF CASTING : 04/06/24				CONTRACTOR: AXION AFRICA			
DETAILS: TRIAL MIX(NON – CHEMICAL)							
SAMPLE NO:				DATE IN WATER: 05/06/24			
DATE OF DELIVERY: 19/06/24				DATE OUT OF WATER: 19/06/24			
MIXING TIME:				AGE OF CUBE: 14 DAYS			
TIME CUBE MADE:							
DETAILS OF MIX:							
METHOD OF CURING: COMPLETE IMMERSION IN WATER							
CONCRETE CLASS: C-35			PSI =		N/MM ² : 30.7N/MM²		
-----		<u>ADESHOLA .I</u>		-----			
Cubes made by		Officer Completing Test		Client			
TEST RESULTS							
Mark on Cubes	Date of testing	Age of Testing	Size of Cube(mm)	Weight of cubes (kg)	Density kg/m ³	Crushed at KN	Strength N/mm ²
1	19/06/24	14 DAYS	150X150X150mm	9.39	2.782	687	30.5
2				8.39	2.486	669	29.7
3				8.54	2.530	719	32.0
AVERAGE STRENGTH : 30.7 N/MM²				MINIMUM STRENGTH : 29.7N/MM²			
-----		SATISFACTORY		-----			
Approved by				Client			

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TEST SHEET FOR COMPRESSION TEST ON CONCRETE CUBES				REF NO:			
DATE OF CASTING : 04/06/24				DESTINATION: OFFICE(Abuja)			
WHERE USED: TRIAL MIX(NON – CHEMICAL)							
SAMPLE NO:				DATE IN WATER: 05/06/24			
DATE OF DELIVERY: 02/07/24				DATE OUT OF WATER: 02/07/24			
MIXING TIME:				AGE OF CUBE: 28 DAYS			
TIME CUBE MADE:							
DETAILS OF MIX:							
METHOD OF CURING: DIMENSION IN WATER							
CONCRETE CLASS: C-35			PSI =		N/MM²: 35.2N/MM²		
-----		<u>ADESHOLA .I</u>		-----			
Cubes made by		Officer Completing Test		Client			
TEST RESULTS							
Mark on Cubes	Date of testing	Age of Testing	Size of Cube(mm)	Weight of cubes (kg)	Density kg/m ³	Crushed at KN	Strength N/mm ²
1	02/06/24	28 DAYS	150X150X150mm	8.26	2.477	800	35.6
2				8.25	2.444	810	36.0
3				8.67	2.569	766	34.0
AVERAGE STRENGTH : 35.2 N/MM²				MINIMUM STRENGTH : 34.0N/MM²			
-----		SATISFACTORY		-----			
Approved by				Client			