8861-1936-9915-8967

TEST REPORT

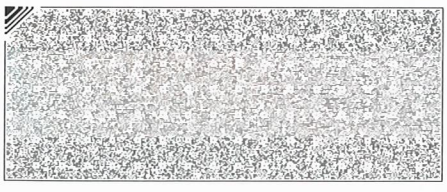
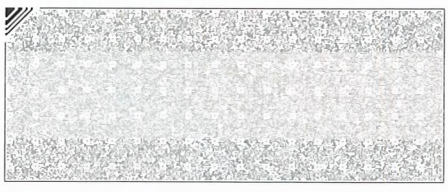
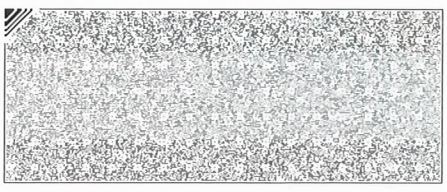
1. NO : CT22-090744E
2. Client
   - ○ Name : Sampyo Cement & Energy Corp
   - ○ Address : 20, TongYang-Gil, Samcheok-City, Kangwon-Do, 245-150, Korea
3. Date of Test : 2022.09.26 ~ 2022.11.10
4. Use of Report : Quality management
5. Test Sample : Portland Cement(Type 1)
6. Test Method
   (1) KS L 5110:2021
   (2) KS L 5201:2021

Affirmation	Tested By Name : SONG HYUN SEOK	Technical Manager Name : SONG MOO KEUN

This report is not accredited by KOLAS and KS Q ISO/IEC 17025.
Our report apply only to the standards or procedures identified and to the sample(s) tested unless otherwise specified. The test results are not indicative of representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products. The results of using only a portion of this report cannot be guaranteed. The authenticity of this test report can be checked on KCL website(www.kcl.re.kr).

2022.11.10

Korea Conformity Laboratories President Jo, Yung Tae

TEST REPORT

No : CT22-090744E

7. Test Results

1) Portland Cement(Type 1)

Test Item(s)	Unit	Test Method	Test Results	Remark	Loc.
Specific gravity	Mg/㎥	(1)	3.12	(20±2) ℃, (65±10) % R.H.	A
Fineness(blaine)	㎠/g	(2)	3 820		
Soundness(Lechatelier)	㎜	(2)	0.5		
Time of Setting(Inital set)	min	(2)	240		
Time of Setting(Final set)	Hr:min	(2)	5:55		
Compressive strength (3days)	MPa	(2)	36.7		
Compressive strength (7days)	MPa	(2)	43.4		
Compressive strength (28days)	MPa	(2)	52.7		

※ Location

A : 73, Yangcheong 3-gil,Ochang-eup,Cheongwon-Gu,Cheongju-Si,Chungbuk,Korea

----- End of Report -----