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ANALYSIS REPORT

Hai Phong City, Date: 29 May 2020

REF. NO.: 247978.2

COMPANY:

Date received: 21 May, 2020

Address:

Date reported: 29 May, 2020

Vietnam.

Six (06) sample bags said to be "Portland Cement Type I – Brand: BARAKO – Importer: NGC Land Corporation – Purpose of Testing: Surveillance Audit", were received from the above company. One (01) sample was randomly selected for the test.

MARKING:



On analysis of the sample, the following results as lab report no. HPM20-08723 R0 were obtained:

Parameters	Test methods	Units	Results
Chemical properties			
MgO	ASTM C114-18	%	2.94 (Two decimal nine four)
SO ₃		%	1.85 (One decimal eight five)
IR		%	0.29 (Zero decimal two nine)
LOI		%	2.08 (Two decimal zero eight)
Physical properties			
Initial setting time	ASTM C191-13 (AASHTO T131)	min	182 (One eight two)
Final setting time			260 (Two six zero)
Fineness (Blaine)	ASTM C204-16 (AASHTO T153)	cm ² /g	3270 (Three two seven zero)
Compressive strength (3 days)	ASTM C109/C109M-16	MPa	14.5 (One four decimal five)
Compressive strength (7 days)			21.8 (Two one decimal eight)
Air content	ASTM C185-15a	%	6.0 (Six decimal zero)
Autoclave expansion	ASTM C151/C151M-16	%	0.04 (Zero decimal zero four)

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REMARK:

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