



VILAS 237

Report N°: 1909120068

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BK: .....

Hai Phong City, Date: 11 September 2019

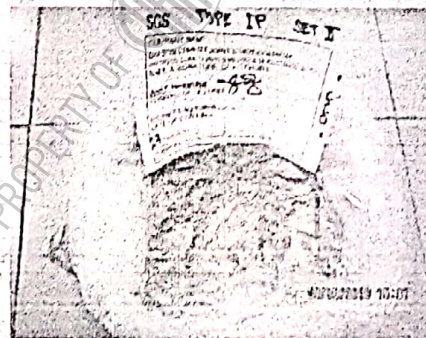
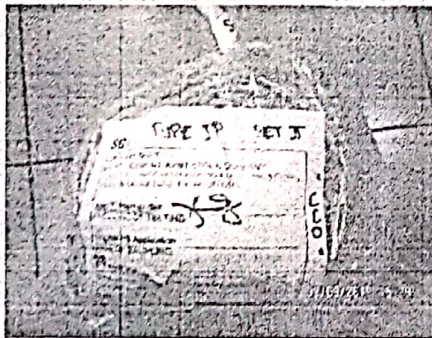
ANALYSIS REPORT

REF. NO.: 242420.2G

COMPANY: ..... Date received: 04 Sep., 2019  
 Address: ..... Province, Date reported: 11 Sep., 2019  
 Vietnam.

Two (02) sample bags said to be "Blended hydraulic cement with pozzolan, Type IP – Brand: UNO – Purpose of Testing: Original PS Application", 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. HPM19-05790 R0 were obtained:

Parameters	Test methods	Units	Results
<b>Chemical properties</b>			
MgO	ASTM C114-18	%	0.88 (Zero decimal eight eight)
SO <sub>3</sub>		%	2.13 (Two decimal one three)
LOI		%	1.28 (One decimal two eight)
<b>Physical properties</b>			
Initial setting time	ASTM C191-13 (AASHTO T131)	min	101 (One zero one)
Final setting time			175 (One seven five)
Fineness (Blaine)	ASTM C204-16 (AASHTO T153)	cm <sup>2</sup> /g	3660 (Three six six zero)
Compressive strength:	ASTM C109/C109M-16	MPa	
- 3 days			25.8 (Two five decimal eight)
- 7 days			37.7 (Three seven decimal seven)
Air content	ASTM C185-15a	%	6.3 (Six decimal three)
Autoclave expansion	ASTM C151/C151M-16	%	0.10 (Zero decimal one zero)

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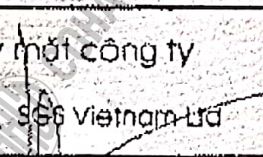
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REMARK:

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