

ATS Group
Form of testing Certificate

Special for customers
Address www.atsgreen.org

Type of request test: chemical physical
Type of standard request test: **ISIRI**

Date of sampling :1391/08/17
Code of sample: P- -910817-B2
type of sample: Portland cement type 2
name of unit: **www.atsgreen.org**

Environment condition during

| | | | | |
|-------------|----------|----------|-------------|----------|
| temperature | chemical | humidity | temperature | physical |
| | | 58 % | 22.3 ° C | |

Buyer :
Buyer Add :

Chemical test report


| Description of test | Ins.Res % | SiO2% | Al2O3 % | Fe2O3 % | CaO% | MgO% | SO3% | L.O.I % | CL% | K2O% | Na2O % | C3A % |
|---------------------|-----------|-------|---------|---------|-------|------|------|---------|------|------|--------|-------|
| Test result | 0.34 | 20.40 | 5.23 | 3.61 | 62.26 | 3.49 | 2.17 | 2.15 | --- | 0.75 | 0.41 | 7.76 |
| Uncertainly | | | | | | | | | | | | |
| Acceptable limit | 0.75 > | 20 < | 6 > | 6 > | | 5 > | 3 > | 3 > | | | | 8 > |
| Test method | 1692 | 1692 | 1692 | 1692 | 1692 | 1692 | 1692 | 1692 | 6443 | 1695 | | 389 |

Chemical analyzer: head of laboratory:
Deviation from test method: existed; not existed: reason:

Physical test report

| Description of test | Belin (Cm2/g) | mixture of water percentage | setting time (Min) | | Expansion Autoclave % | Compressive strength (Kg/Cm2) | | | Bending strength (Kg/Cm2) | | | percentage of rough on the sifter 90 |
|---------------------|---------------|-----------------------------|--------------------|-------|-----------------------|-------------------------------|-------|-------|---------------------------|-------|-------|--------------------------------------|
| | | | initial | final | | 3day | 7days | 28day | 3day | 7days | 28day | |
| Test result | 2950 | 24.3 | 110 | 170 | 0.1 | 268 | 355 | 474 | 52 | 60 | 81 | 1.5 |
| Uncertainly | 2800 < | | 45 < | 360 > | 0.8 > | 100 < | 175 < | 315 < | | | | |
| Acceptable limit | | | | | | | | | | | | |
| Test method | 390 | 392 | 392 | | 391 | 393 | | | 393 | | | 390 |

Physical analyzer: head of physical laboratory:
Deviation from test method: existed; not existed: reason:

Name and signature of technical manager: name &signature of laboratory manager: 
Descriptions :result of this test with standard NO Is accordance: isn't accordance:

Name & address of sub-performing laboratory tests:
Name of tests have been performed by sub-laboratory:
Method of sampling according to LA-P-14 producer:

The cost of test is.....transfer to.....account NO.
This results independent on test sample.
Uncertainly are reported by with level of assurance (95%)
Any copy of this certification must be complete.

