



ZANJAN CEMENT CO.
 QUALITY CONTROL DEPT.

DAILY REPORT OF LABORATORY

Sample: **POZZOLAN CEMENT**

Chemical Analyse		Physical parameters		
Component	percent	SettingTime (minuts)	Initial	60
CaO	51.92		Final	165
SiO2	30.06	Compressive strength (kg/cm2)	3 days	208
Al2O3	7.77		7days	328
Fe2O3	2.98		28 days	440
MgO	1.71	Bend strength (kg/cm2)	3 days	44
SO3	1.7		7 days	58
K2O	1.02		28 days	72
Na2O	0.6	Expansion (percent)		0.04
Cl	0.007			
Ins.res	18.34	Blaine (cm2/gr)		3300
L.O.I	2.26			
Total	100.03	F.CaO		1.24

