

Oklahoma DOT Central Laboratory Technician Evaluation Checklists

92 Central Chemical Lab

Hydraulic Cement - Chemical Tests

<u>CLab Test (CLT)</u>	<u>CLT I.D.</u>	<u>Specifications</u>
Insol. Residue - (Reference), (Pozzolan), (Cement)	00010	T105 C114
Loss of Ignit. - (Reference), (Pozzolan), (Cement)	00011	T105 C114-C311
Sulfur Triox. - (Reference), (Pozzolan), (Cement)	00018	T105 C114-C311

Hydraulic Cement - Physical Tests

<u>CLab Test (CLT)</u>	<u>CLT I.D.</u>	<u>Specifications</u>
Air Content of Mortar	00031	T137 C185
Autoclave Expansion - (Pozzolan), (Cement)	00026	T107 C151-C311
Density - (Pozzolan), (Cement)	00183	T133 C188-C311
Fineness by Air Permeability Apparatus	00035	T153 C204
Fineness by No. 325 Sieve - (Pozzolan), (Cement)	00184	T192 C430-C311
Flow of Mortar - (Pozzolan), (Cement)	00025	T106-T137 C1437
Mixing Pastes and Mortars - (Pozzolan), (Cement)	00038	T162 C305
Mortar Compressive Strength - (Pozzolan), (Cement)	00004	T106 C109-C311
Req. Wtr. for Nrm. Consist. - (Pozzolan), (Cement)	00032	T129 C187
Sampling and Amount of Testing	00030	R71 C183
Time Set Gillmore	00037	T154 C266
Time Set Vicat	00033	T131 C191

Metals

<u>CLab Test (CLT)</u>	<u>CLT I.D.</u>	<u>Specifications</u>
Thickness of Zinc (Magnetic)	00065	M111 A123-E376
Thickness of Zinc (Stripping)	00066	M111-T65 A123-A90