

## Oklahoma DOT Central Laboratory Technician Evaluation Checklists

### 91 Central Bituminous Liquid Lab

#### Asphalt Binder

<u>CLab Test (CLT)</u>	<u>CLT I.D.</u>	<u>Specifications</u>
<b>Aging by PAV</b>	00123	R28
<b>Density, Specific Gravity (Hydrometer)</b>	00186	D1298
<b>Distillation of Cutback</b>	00099	T78
<b>Ductility</b>	00097	T51
<b>Dynamic Shear Rheometer (DSR)</b>	00117	T315
<b>Elastic Recovery (Binder)</b>	00061	D6084
<b>Flash and Fire Points</b>	00094	T48
<b>Flash Point (Tag Open-Cup)</b>	00100	T79
<b>Flexural Creep Stiffness (BBR)</b>	00116	T313
<b>Float Test</b>	00096	T50
<b>Grading</b>	00124	R29
<b>Kinematic Viscosity</b>	00087	T201
<b>MSCR</b>	00064	T350
<b>Penetration</b>	00095	T49
<b>Rolling Thin Film Oven</b>	00107	T240
<b>Rotational Viscometer</b>	00118	T316
<b>Softening Point</b>	00098	T53
<b>Solubility</b>	00093	T44
<b>Specific Gravity (Cutback Asphalt)</b>	00112	T295
<b>Specific Gravity (Semi-Solid Asphalt)</b>	00092	T228
<b>Viscosity by Viscometer</b>	00088	T202

#### Emulsified Asphalt

<u>CLab Test (CLT)</u>	<u>CLT I.D.</u>	<u>Specifications</u>
Elastic Recovery (Emulsified)	00187	
<b>Particle Charge</b>	00071	T59
<b>Residue by Evaporation</b>	00073	T59
Residue by Low Temperature Evaporation	00241	R78
<b>Rotational Paddle Viscometer</b>	00288	T382 D7226
<b>Saybolt Viscosity at 25 deg. C (77 deg. F)</b>	00290	T72
<b>Saybolt Viscosity at 50 deg. C (122 deg. F)</b>	00291	T72
<b>Settlement and Storage Stability</b>	00076	T59
<b>Sieve Test</b>	00077	T59