

# BINDER 101

## Training Schedule

### DAY 1

8:30 AM — 9:30 AM	INTRODUCTION
9:30 AM — 10:45 AM	ROLLING THIN FILM OVEN (RTFO), AASHTO T240
10:45 AM — 11:30 AM	PRESSURE AGING VESSEL (PAV), AASHTO R28
11:30 AM — 1:00 PM	LUNCH
1:00 PM — 3:00 PM	DYNAMIC SHEAR RHEOMETER (DSR), AASHTO T315
3:00 PM — 4:00 PM	MULTIPLE STRESS CREEP & RECOVERY TEST, AASHTO T350
4:00 PM — 5:00 PM	SEPARATION TEST (COMPATIBILITY/STABILITY TEST), TEX-540-C (ASTM D7173)

### DAY 2

9:00 AM — 9:15 AM	SAFETY
9:15 AM — 11:00 PM	BENDING BEAM RHEOMETER (BBR), AASHTO T313
11:00 AM — 11:30 AM	PRESENTATION → FLASH POINT BY CLEVELAND OPEN CUP, AASHTO T48 SOLUBILITY IN TRICHLOROETHYLENE, AASHTO T44 PENETRATION, AASHTO T49 (ASTM D5) DUCTILITY, AASHTO T51 (ASTM D113)
11:30 AM — 1:00 PM	LUNCH
1:00 PM — 2:00 PM	ABSOLUTE VISCOSITY, AASHTO T202 (ASTM D2171)
2:00 PM — 3:00 PM	ROTATIONAL VISCOSITY, AASHTO T316
3:00 PM — 4:00 PM	ELASTIC RECOVERY, AASHTO T301 (ASTM D6084, TEX-539-C)

### DAY 3

9:00 AM — 9:15 AM	SAFETY
9:15 AM — 10:45 AM	PRESENTATION → SOFTENING POINT BY RING & BALL, AASHTO T53 (ASTM D36) SPECIFIC GRAVITY BY PYCNOMETER, AASHTO T228 (ASTM D70) APPARENT VISCOSITY OF ASPHALT RUBBER BINDERS, ASTM D2196 RESILIENCE TEST, ASTM D5329 SPOT TEST, TEX-509-C (AASHTO T102)
10:45 AM — 11:30 AM	REVIEW
11:30 AM — 1:00 PM	LUNCH
1:00 PM — 2:30 PM	REVIEW
2:30 PM — 4:00 PM	WRITTEN TEST

# BINDER 101

## Certification Schedule

### **DAY 4**

9:00 AM — 10:00 AM	<b>INDIVIDUAL PERFORMANCE EVALUATION</b>
10:00 AM — 11:00 AM	<b>INDIVIDUAL PERFORMANCE EVALUATION</b>
11:00 AM — 12:00 PM	<b>INDIVIDUAL PERFORMANCE EVALUATION</b>
12:00 PM — 1:00 PM	<b>LUNCH</b>
1:00 PM — 2:00 PM	<b>INDIVIDUAL PERFORMANCE EVALUATION</b>
2:00PM — 3:00 PM	<b>INDIVIDUAL PERFORMANCE EVALUATION</b>
4:00 PM — 5:00 PM	<b>2ND ATTEMPTS</b>

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### **DAY 5 (IF NEEDED)**

9:00 AM — 10:00 AM	<b>INDIVIDUAL PERFORMANCE EVALUATION</b>
10:00 AM — 11:00 AM	<b>INDIVIDUAL PERFORMANCE EVALUATION</b>
11:00 AM — 12:00 PM	<b>INDIVIDUAL PERFORMANCE EVALUATION</b>
12:00 PM — 1:00 PM	<b>LUNCH</b>
1:00 PM — 2:00 PM	<b>INDIVIDUAL PERFORMANCE EVALUATION</b>
2:00 PM — 3:00 PM	<b>INDIVIDUAL PERFORMANCE EVALUATION</b>
3:00 PM — 5:00 PM	<b>2ND ATTEMPTS</b>

### **\*INDIVIDUAL PERFORMANCE EVALUATIONS:**

- AASHTO R28 Pressure Aging Vessel
- AASHTO T202 Absolute Viscosity
- AASHTO T240 Rolling Thin Film Oven
- AASHTO T301, ASTM D6084 Elastic Recovery Test by Ductilometer
- AASHTO T313 Bending Bean Rheometer
- AASHTO T315 Dynamic Shear Rheometer
- AASHTO T316 Rotational Viscosity
- AASHTO T350 Multiple Stress Creep and Recovery Test
- Tex-540-C Separation (Compatibility/Stability Test) [ASTM D7173]