



JOB SAFETY ANALYSIS

Activity Name: Residue by Evaporation of Asphalt Emulsion		Activity Number: CP-L2212	
Activity Description & Purpose: This procedure describes the method of test to determine the percent residue of asphalt emulsion and to provide emulsion residue for further testing.			
Date Prepared: 6/16/2009		PPE Required	
Typical Equipment		Typical Crew Size: (Crew sizes may vary due to different conditions throughout the state). 1	Typical Material
Description	Class Code		
See associated test procedure			Asphalt Emulsion
		Safety glasses/Hardtoe boots/Heat resistant gloves/Heat resistant apron	
Sequence of Job Tasks	Potential Hazards	Safe Job Procedures	Never
1. Weigh tin and thermometer			
2. Pour 200g of emulsion into the tin	Particles in eyes	Wear all personal protective equipment.	
3. Place the sample onto the hot plate, and stir occasionally	Burns, Particles in eyes	Wear all personal protective equipment. Awareness of hot binder splash back.	
4. When emulsion gets to 400 degrees hold temp for 15 imnutes	Burns, Particles in eyes	Wear all personal protective equipment. Awareness of hot binder splash back.	Handle hot binder without gloves or can clamps.
5. Weigh back sample, and pour residue into molds as needed.	Burns, Particles in eyes	Wear all personal protective equipment. Awareness of hot binder splash back.	Handle hot binder without gloves or can clamps.
6. Flash molds to relaease trapped air from residue.	Burns, Particles in eyes	Wear all personal protective equipment. Awareness of hot binder splash back.	Handle hot binder without gloves or can clamps.
Notes and Specifications Instructions		Other Related Resources	

