



JOB SAFETY ANALYSIS

Activity Name: Bulk Specific Gravity of Compacted Sample **Activity Number:** CP - 44

Activity Description & Purpose:
 Measure the bulk specific gravity of compacted samples to determine percent relative compaction of HMA.

Date Prepared: January 24, 2008

Typical Equipment		Typical Crew Size: (Crew sizes may vary due to different conditions throughout the state).	Typical Material		PPE Required Safety glasses/Hardtoe boots/Heat resistant gloves/Heat resistant apron/Long sleeve cotton shirt
Description	Class Code		Description	Class Code	
See associated test procedure		1	See associated test procedure		

Sequence of Job Tasks	Potential Hazards	Safe Job Procedures	Never
1-Remove samples from oven, allow to cool to room temperatures.	1-Burns	1-Wear all personal protective equipment.	handle hot materials without gloves
2-Segregate into sample lots of 3 to 6.			
3-Weigh and record each sample dry.			
4-Suspend samples and weigh in water.			place "hot" sample into water
5-Blot dry and re-weigh samples	1-Foot injury	1-Wear all personal protective equipment.	

