COLORADO DEPARTMENT OF TRANSPORTATION

JOB SAFETY ANALYSIS

Activity Name: Gradation of Aggregate in a Core	**Activity Number:** CP-46

Activity Description & Purpose:
Run sieve analysis to determine aggregate particle size distribution from a core. Core preparations includes sample transport from receiving area, heating, and splitting to test sample size and determining the asphalt cement content of HMA sample by ignition method.

Date Prepared: April 1, 2009				**PPE Required**
Typical Equipment		**Typical Crew Size:**	**Typical Material**	Safety glasses/Hardtoe boots/Heat resistant gloves/Heat resistant apron/Long sleeve cotton shirt or elbow-length heat resistant gloves
Description	Class Code	(Crew sizes may vary due to different conditions throughout the state).	Description / Class Code	
See associated test procedure			See associated test procedure	

Sequence of Job Tasks	Potential Hazards	Safe Job Procedures	Never
Reference the Following JSAs:			
CP-31			
CP-55			
CPL-5120			
Coring Operations Process			
CP-46 (Unique Tasks)			
1-Clean and Separate Cores	1-Pinched Fingers	1 - Observe hand/finger placement when lifting or setting-down containers, use caution with hammer and	
	2-Particles in eyes	2 - Wear all personal protective equipment.	
2.- Heat cores and template	1 - Burns	1 - Wear all personal protective equipment.	handle hot materials without gloves
3.- Remove outer layer of cores	1 - Burns	1 - Wear all personal protective equipment.	handle hot materials without gloves