COLORADO DEPARTMENT OF TRANSPORTATION

JOB SAFETY ANALYSIS

Activity Name: Sand Equivalent Test	**Activity Number:** CP - 37

Activity Description & Purpose:
Determine plastic fines in test sample

Date Prepared: September 2, 2008				**PPE Required**
Typical Equipment		**Typical Crew Size:**	**Typical Material**	Safety glasses Hardtoe boots
Description	Class Code	(Crew sizes may vary due to different conditions throughout the state).	Description / Class Code	
See associated test procedure		1	See associated test procedure	

Sequence of Job Tasks	Potential Hazards	Safe Job Procedures	Never
1-Add sample material to stock solution			
2-Use mechanical shaker to mix solution	1-Pinched fingers	1-Observe finger/hand placement when inserting/removing cylinder	Operate shaker with guard in "open" position
3-Let material rest - record sand and clay readings			
4-Calculate results			

Distribution:
Insert to Field Materials Manual at start of CP-37

CDOT Form # 1370 05/06