COLORADO DEPARTMENT OF TRANSPORTATION

JOB SAFETY ANALYSIS

Activity Name: Reducing Field Samples of Soil & Aggregate To Testing Size	**Activity Number:** CP-32
Activity Description & Purpose: Reduction of field samples of soils and aggregate to the appropriate size for testing	

Date Prepared: September 1, 2009				**PPE Required**
Typical Equipment		**Typical Crew Size:**	**Typical Material**	Safety Glasses (Recommended) Hard Toe 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. Method A - Mechanical Splitter	1. Back injury 2. Foot injury 3. Hand Injury	1. Lift correctly - Bend at the knees and keep the back as straight as possible 2. Wear required personal protective equipment 3. Pinch Points	Lift with your back Put hands or fingers in the hopper while open
2. Method B - Quartering	1. Back Injury 2. Foot Injury	1. Lift correctly - Bend at the knees and keep the back as straight as possible 2. Wear required personal protective equipment	Lift with your back
3. Method C - Selection by Scoop	1. Back Injury 2. Foot Injury	1. Lift correctly - Bend at the knees and keep the back as straight as possible 2. Wear required personal protective equipment	Lift with your back

Notes and Specifications Instructions			Other Related Resources	

Distribution:
Insert to Field Materials Manual at the start of CP-32

CDOT Form # 1370 05/06