COLORADO DEPARTMENT OF TRANSPORTATION

JOB SAFETY ANALYSIS

Activity Name: Flexural Strength of Concrete	**Activity Number: AASHTO T 97 / ASTM C 78**
Activity Description & Purpose: This test method is used to determine the flexural strength of concrete specimens.	

Date Prepared: 3-24-2009				**PPE Required**
Typical Equipment		**Typical Crew Size:**	**Typical Material**	**Hard toe boots / Chemical resistant gloves / Safety glasses**
Description	Class Code	(Crew sizes may vary due to different conditions throughout the state).	Description / Class Code	
See associated procedure		**2**	**See associated procedure**	

Sequence of Job Tasks	**Potential Hazards**	**Safe Job Procedures**	**Never**
1-Place beam apparatus in press	1- Foot Injury 2- Hand Injury	1-Wear hard toe boots	Change press heads without assistance
2-Remove specimen from storage	1-Foot Injury 2- Chemical Exposure	1-Wear all personal protective equipment	
3-Measure specimen			
4-Place specimen in apparatus	1-Foot Injury 2- Hand Injury	1-Wear all personal protective equipment	Place specimen without assistance
5-Load specimen			
6-Remove specimen from press	1-Foot Injury 2- Hand Injury	1-Wear all personal protective equipment	

Notes and Specifications Instructions	**Other Related Resources**