COLORADO DEPARTMENT OF TRANSPORTATION

JOB SAFETY ANALYSIS

Activity Name: Calibration Check of CDOT Nuclear Moisture Density Gauges			**Activity Number: CPL-5303**	
Activity Description & Purpose: Annual Calibration Check of Nuclear M/D Gauges				
Date Prepared: March 31 2009				**PPE Required**
Typical Equipment		**Typical Crew Size:**	**Typical Material**	**Steel Toe Shoes, Gloves, Eye protection, Landaur Dosimeter**
Description	Class Code	(Crew sizes may vary due to different conditions throughout the state).	Description / Class Code	
Concrete Blocks Poly Eurothane Blocks		**1 CDOT Regional Certified Nuclear Gauge User**		

Sequence of Job Tasks	**Potential Hazards**	**Safe Job Procedures**	
Annual or after Calibration of Gauge	Radiation Contamination	Stay a safe distance away from Nuclear Gauge 3" minimum, Use Sheilding on Nuclear Gauge (Keep source in Safe position when not testing), Limit amount of time near the Nuclear Gauge when testing. Secure gauge visualy or Physically at all times, Keep other personel away during testing. Stand clear of drop hazard.	
	Drop Hazard		

Notes and Specifications Instructions			**Other Related Resources**	