

JOB SAFETY ANALYSIS

Activity Name: Density and Percent Relative Compaction of In-Place Bituminous Pavement by the Nuclear Method.			Activity Number: CP-81		
Activity Description & Purpose: Density and Percent Relative Compaction of In-Place Bituminous Pavement by the Nuclear Method.					
Date Prepared: 5/21/09				PPE Required	
Typical Equipment		Typical Crew Size: (Crew sizes may vary due to different conditions throughout the state).	Typical Material		hard hat, gloves, safety glasses, hard toe boots, safety vest
Description	Class Code		Description	Class Code	
See associated test procedure		1	See associated test procedure		
Sequence of Job Tasks	Potential Hazards	Safe Job Procedures		Never	
1 - Remove device from vehicle	1 - Pinched Fingers	Avoid contact with case and gauge			
	2 - Back injury lifting gauge from vehicle	Use correct lifting procedure			
	3 - Radiation overexposure	1 - Wear dosimeter			
		2 - maintain 3 foot distance from device at all times			
		3 - Reduce radiation by minimizing time around the gauge and maximizing distance from the gauge			
2 - Turn device power on					
3 - Prepare test area	1 - Back injury from bending over	1 - Use correct back position procedure			
4 - Place nuclear gauge in test area	1 -Pinched fingers	1- Observe finger/hand placement when moving gauge handle			
	2 - Back injury from driving and removing pin	1 - Use correct lifting procedure			
	3 - Radiation overexposure	1 - Wear dosimeter			
		2 - maintain 3 foot distance from device at all times			
5 - Perform test					
6 - Record results					
7 - Return gauge to safe position	1 -Pinched fingers	1- Observe finger/hand placement when using hammer and drive pin			
8 - Return gauge to case	1 - Pinched Fingers	Avoid contact with case and gauge			
	2 - Back injury lifting gauge from vehicle	Use correct lifting procedure			
	3 - Radiation overexposure	1 - Wear dosimeter			

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Description	Class Code		
See associated test procedure		1	See associated test procedure
Sequence of Job Tasks	Potential Hazards	Safe Job Procedures	
		2 - maintain 3 foot distance from device at all times	
Notes and Specifications Instructions		Other Related Resources	