

JOB SAFETY ANALYSIS

Activity Name: Field Correction of the In-Place Measurement of Density of Bituminous Pavement by the Nuclear Method			Activity Number: CP-82
Activity Description & Purpose: Determine the field correction of in-place density of bituminous pavement using an nuclear moisture-density gauge.			
Date Prepared: 5/21/09			PPE Required
Typical Equipment		Typical Crew Size:	Typical Material
Description	Class Code	(Crew sizes may vary due to different conditions throughout the state).	Description
See associated test procedure			See associated test procedure
		1	hard hat, gloves, safety glasses, hard toe boots, safety vest
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	

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Notes and Specifications Instructions			Other Related Resources		