



# JOB SAFETY ANALYSIS

<b>Activity Name: Standard Test Method for Potential Alkali Reactivity of Aggregates (Mortar-Bar)</b>	<b>Activity Number: ASTM C1260</b>
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**Activity Description & Purpose:** This test method permits detection within 16 days of the potential for deleterious alkali-silica reaction of aggregate in mortar bars.

<b>Date Prepared: 6/16/2009</b>		<b>Typical Crew Size:</b>  (Crew sizes may vary due to different conditions throughout the state).  <b>1</b>	<b>Typical Material</b>		<b>PPE Required</b>  <b>1- Hard toe boots 2- Respirator 3- Hearing Protection 4- Latex Gloves 5- Eye protection</b>
<b>Typical Equipment</b>			<b>Typical Material</b>		
Description	Class Code		Description	Class Code	
See associated test procedure			Fine Aggregate Reference Cement		

Sequence of Job Tasks	Potential Hazards	Safe Job Procedures	Never
1- Prepare aggregates by crushing	1- Hearing injury, inhalation hazzard and pinch hazzard	1. Wear hearing protection, Wear respiration and watch fingers	
2- Grade crushed sample			
3- Prepare molds	1- Foot injury	1- Wear hard toe boots	
4- Mix mortar sample	1- Pinch hazzard	1- Watch fingers	
5- Cast mortar bars	1- Foot injury	1- Wear hard toe boots	
6- Decast mortar bars	1- Foot injury	1- Wear hard toe boots	
7- Measure mortar bars			
8- Soak mortar bars in NaOH	1- Chemical burn	1- Wear eye protection 2- Wear latex gloves	



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<b>Typical Equipment</b>		<b>Typical Crew Size:</b>	<b>Typical Material</b>
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See associated test procedure			Class Code
		1	Fine Aggregate Reference Cement
<b>Sequence of Job Tasks</b>	<b>Potential Hazards</b>	<b>Safe Job Procedures</b>	<b>Never</b>
<b>Notes and Specifications Instructions</b>		<b>Other Related Resources</b>	

