

PAVING ROADS/PARKING LOTS WITH HOT ASPHALT

 Brieser CONSTRUCTION	<h2 style="margin: 0;">Job Safety Analysis</h2>
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JSA Title : Paving with Hot Asphalt		Job/Work Task: Crack Repair & Sealcoating Parking Lots
JSA Control No: 2015-0001	Revision #: 1	Original Date: 7/31/15
Department: Civil Construction	Complex: Parking Lots/Roads	Last Approval Date:
Equipment Type: Road/parking area		Safety Director Reviewer/Approver:

Tools, Equipment, Interfaces, or Job Aids needed to perform this Job/Work Task	Upgraded PPE needed to address Potential Risks identified in this JSA
Paving equipment, Bobcat, Dump Truck, Shovel	

Reviewers

Reviewer Name	Position	Date Approved
Dave Ruzich	Safety Coordinator	7/31/15
Sean Erlenbeck	Director Safety & Health	7/31/15
Dale McWilliams	Contractor/Superintendent	

Development Team

Development Team Member Name	Primary Contact	Position
Dave Ruzich	X	Safety Coordinator
Sean Erlenbeck		Director Safety & Health
Aron Yakima		Project Manager

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Dale McWilliams		Contractor Superintendent
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#	Job Steps <i>List key and critical job steps</i>	Potential Risks <i>Identify potential risks (safety, process safety, environmental, reliability, and business inefficiencies).</i>	Critical Actions <i>Explain critical actions to prevent/ manage potential risks.</i>
1	Walk down job, sign permit, flag off work area	1a. Slips and trips resulting in a lost time injury. 1b. Workers not understanding permit could lead to performing wrong task resulting in rework or injury. 1c. Non-workers entering area without permission during work activity could get hit by equipment or debris resulting in an injury.	1a. Housekeeping, avoid potholes, distractions, etc. Perform LPSA (Loss Prevention Self Assessment) aka: 2 minute drill 1b. Use well lit area so workers can read and sign it 1c. Use danger tape and clearly written tages-permission
2	Clean surface/pavement using high powered blowers.		
2	Applying Sealcoating/Fill Cracked pavement	2a. Workers burned by hot asphalt resulting in minor burns or a lost time injury. 2b. Worker hit by equipment while its moving could result in minor injury or death. 2c. Could back equipment into other moving equipment in area, causing property damage.	2a. Body positioning, be aware of other activities, wear proper PPE, and communication 2b. Pat attention to spotter, check equipment before use, body positioning, avoid pinch points, be aware of other activities, communication with spotter. Workers to wear orange vests. 2c. Operator will pay attention to spotter. The spotter will maintain good vision of surroundings while equipment is moving.

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3	Using shovels and hand tools	<p>3a. Potential for muscle or back strain resulting in lost time injury.</p> <p>3b. Workers burned by hot asphalt, resulting in minor burns or a lost time injury.</p> <p>3c. Workers could experience hearing loss while working around or with power tools.</p>	<p>3a. Maintain proper body positioning, breaks as necessary, proper use of tools. Get assistance for large chunks.</p> <p>3b. Body positioning, be aware of other activities, wear proper PPE, communication.</p> <p>3c. Use ear plugs and double hearing protection if required.</p>
4	Loading asphalt and debris into truck for out-haul	<p>4a. Could back into other moving equipment in area.</p> <p>4b. Workers in line of fire hit by debris resulting in a lost time injury.</p>	<p>4a. Operator will pay attention to spotter. The spotter will maintain good vision of surroundings while equipment is moving.</p> <p>4b. Body positioning, be aware of other activities, wear proper PPE, communication.</p>