

		<b>Section: Safe Job Practices and Procedure – Asphalt Milling</b>					
		Initial HIRA score		15		Residual HIRA score	5
		Critical Task?	No	Location(s)	Jobsites	REVISION # 1	
		Description		Milling asphalt with the use of equipment		# OF PAGES:	4

## SAFE WORK PRACTICES

### General

- Ensure everyone working on the task understand their roles, responsibilities, and actual/potential Hazards
- Any unsafe conditions including defective equipment/PPE must be reported to J-AAR supervision immediately
- Most experienced rake person should work closest to traffic with the least experienced working in the most protected areas
- Always use the buddy system to help your crew members spot potential hazards they might not notice while working
- Always follow the manufacturer's instructions when operating equipment
- No headphones/cell phone use while paving operations are underway

### Traffic Control

- All traffic control measures must be implemented per MTO's Book 7
- All traffic control personnel must be competent

### Equipment

- Never leave equipment unattended while in operation
- Operators must signal the crew any time they resume movement after being stationary for some time
- A pre-use inspection of all equipment required for the task must be completed before work commences. If anything is found to be defective, tag it and remove it from service immediately. Notify J-AAR supervision as soon as you can.
- Keep loose clothing/hair away from the milling equipment
- Wear respiratory protection when required
- Use water to keep dust down as much as is necessary/practicable

### Night Work

- Ensure temporary lighting is adequate for the task
- Ensure lighting does not create a new hazard by aiming the light in a way which may blind oncoming traffic



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- Ensure all workers are wearing appropriate PPE for night work

**Signalers**

- Required for backing vehicles
- Required if dump trucks may come near overhead lines

**JOB HAZARD RISK ASSESSMENT**

Initial HIRA Score	Hazards	Controls	Residual HIRA Score
15	Lack of training/communication	<ul style="list-style-type: none"> <li>• All operators must be qualified/competent</li> <li>• Ensure a site-specific orientation has been attended by all crew members</li> <li>• Ensure JHA carried out before commencing task</li> </ul>	5
10	Housekeeping	<ul style="list-style-type: none"> <li>• Keep work area clean</li> <li>• Ensure material and debris is not in the path of travel</li> <li>• Ensure tools/equipment are cleaned after the task</li> <li>• Ensure there are not trip hazards in the path of travel</li> </ul>	5
20	Improper Chemical use	<ul style="list-style-type: none"> <li>• Ensure all chemicals are labeled according to WHMIS 2015 standards</li> <li>• Ensure all chemicals have corresponding MSDS'</li> <li>• Ensure all chemicals are stored and transported according to the MSDS</li> <li>• Ensure all required PPE for safe handling is available and used correctly when handling</li> </ul>	5
20	Struck by	<ul style="list-style-type: none"> <li>• Ensure spotters are used where an operator/driver's line of sight may become obstructed</li> <li>• Workers should not enter the safe approach distance without</li> </ul>	10



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		<ul style="list-style-type: none"> <li>first communicating with the operator</li> </ul>	
10	Noise	<ul style="list-style-type: none"> <li>Operators should do their best to be aware of changing site conditions</li> <li>Workers exposed to high noise level must use CSA approved hearing protection</li> </ul>	5
10	Musculoskeletal Disorders	<ul style="list-style-type: none"> <li>Follow J-AAR safe work practices for manual material handling</li> <li>When possible, workers should rotate through repetitive tasks</li> </ul>	5
15	Heat Stress	<ul style="list-style-type: none"> <li>Follow J-AAR's heat stress policy</li> <li>Ensure ample cool water on site</li> <li>Take rest breaks as needed</li> </ul>	5
10	Vehicle and pedestrian traffic	<ul style="list-style-type: none"> <li>All reasonable precautions must be taken to ensure the safety of everyone effected by the work</li> </ul>	5
15	Airborne Dust	<ul style="list-style-type: none"> <li>Apply water as necessary</li> <li>Workers must wear appropriate respiratory protection</li> </ul>	5
20	Lack of inspection	<ul style="list-style-type: none"> <li>A pre-use inspection must be carried out for all equipment and PPE involved in the operation. If anything is found to be defective tag it and remove it from service immediately</li> </ul>	5



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**SAFE WORK PROCEDURES**

**Planning**

1. Ensure all workers involved in the task are competent for the work assigned to them
2. Ensure all equipment and PPE required is available
3. Inspect all equipment and PPE. If anything is found to be defective, tag it and remove from service immediately
4. Complete a task specific hazard assessment. Ensure all controls identified are implemented before beginning work
5. Ensure jobsite is secure and not a hazard to the public or workers