# JOB HAZARD ANALYSIS

Safety Information for Southern Illinois University Edwardsville

## FACILITIES MANAGEMENT

### OPERATING A MOWER

<table>
<thead>
<tr>
<th>TASK</th>
<th>HAZARDS</th>
<th>CONTROLS</th>
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</table>
| 1. Inspect mower/add fuel. | Unit malfunction and blade failure. | Ensure that mower controls are working properly, inspect mower blades for wear and sharpness, grease fittings, inspect belts. Wear gloves and other safety items; avoid pinch points by keeping eyes on task. 
Skin contact with substances from spills or splashes, inhalation of vapors | Add gasoline and additives in safe, uncrowded, and well-ventilated area; wear gloves and eye protection; clean up small fuel spills (<1 gallon). With larger spills contact EM&S. |
| 2. Operating mower. | Driving mower on road. | Exercise caution, ensure that DOT slow moving vehicle triangle is clearly visible to traffic. 
Pedestrian safety/debris hitting blades. | Stop mower and pick up trash, turn off zero turn mowers. 
Biological hazards. | Inspect mowing area for poison ivy, bee nests and other biological hazards. 
Tipping mower. | Select appropriate mower for slope conditions and follow manufacturers slope limitations, maintain safety bar in upright position, wear safety belt. 
Flying debris in eyes | Wear safety glasses with side protection. 
Hearing loss | Wear NIOSH/OSHA approved ear plugs or earmuffs. 
Fatigue, dehydration | Take frequent breaks to maintain alertness, stay hydrated. |
| 3. Cleaning and maintenance. | Cutting and burn injuries. | Cool prior to servicing. Wear gloves and work boots while working on chute and blade areas. 
Compressed air. | When using compressed air for cleaning maintain air pressure at 30 PSI or less using and OSHA compliant pressure reducing nozzle. 
Debris entering eyes. | Wear safety glasses with side protection. 
Hearing loss. | Wear NIOSH/OSHA approved ear plugs or earmuffs. |
<table>
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<tr>
<th>Required Training:</th>
<th>Required Personal Protective Equipment (PPE)</th>
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<tbody>
<tr>
<td>1. Operation of mower (supervisor responsibility)</td>
<td>1. Safety glasses</td>
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<tr>
<td>2. Review manual</td>
<td>2. NIOSH/OSHA approved ear plugs or earmuffs.</td>
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<tr>
<td>3. First aid.</td>
<td>3. Work boots meeting the requirements of the Facilities Management Safety Shoe Program.</td>
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<td>4.</td>
<td>4. Work gloves.</td>
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Other Information: Manufacturers manual
Contributors: SIUE Job Hazard Analysis Committee
Created: January 2016
(JHA Library Number: (EM&S will insert number here if applicable)

For more information about this JHA, contact Emergency Management and Safety, Campus Box 1657, (618) 650-3584 • [www.siue.edu/emergency](http://www.siue.edu/emergency)