

JOB HAZARD ANALYSIS

Safety Information for Southern Illinois University Edwardsville

FACILITIES MANAGEMENT

OPERATING A 7" TILE AND MASONRY WET SAW

| TASK | HAZARDS | CONTROLS |
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| 1. Inspect the and clean the unit guides and fences. | Eye and hand injury from ceramic and masonry fragments. | De-energize unit, wear eye protection and work gloves, use portable vacuum for cleaning, do not use compressed air. |
| 2. Inspect and adjust blade. | Hand injury from the blade. | De-energize unit, wear gloves and avoid contact with blade. |
| 3. Operate saw. | Injury caused by ceramic and masonry projectiles from rotating blade. | Verify that there is no debris around blade and stand to side as blade comes to full speed. Wear goggles or face shield when working with ceramic and masonry and work gloves. |
| | | Verify that blade guard and slide is operating correctly as material contacts blade. Apply even steady pressure, do not force the cut. |
| | Injury caused by stock shifting during cutting and damage to blade.. | Use properly adjusted fences to control stock. Use assistance to support oversized items. |
| | Injury caused by hand contact with rotating blade. | Keep hand supporting item being cut away from point of blade contact. |
| | Electric shock. | Inspect power cord before use, repair or replace damaged cords. |
| | Hearing loss. | Wear NIOSH/OSHA approved ear muffs or ear plugs. |

| | Required Training: | Require Personal Protective Equipment (PPE) |
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| <p>Other Information:</p> <p>Contributors:</p> <p>Created:</p> <p>JHA Library Number:</p> | <p>Operation of wet saw (supervisor responsibility). Operators manual.</p> <p>Manufacturers manual</p> <p>SIUE Job Hazard Analysis Committee</p> <p>September 2016</p> <p>(EM&S will insert number here, if applicable)</p> | <ol style="list-style-type: none"> 1) Goggles or face shield when cutting tile and masonry.. 2) Work gloves. 3) NIOSH/OSHA approved ear muffs or ear plugs. 4) Work boots meeting the requirements of the Facilities Management Safety Shoe Program. <p>For more information about this JHA, contact Emergency Management and Safety, Campus Box 1657, (618) 650-3584 ● www.siu.edu/emergencymanagement</p> |