



**UNC**  
ENVIRONMENT,  
HEALTH & SAFETY

# Job Safety Analysis


Safety Information for The University of North Carolina at Chapel Hill



## TORO WALK BEHIND HYDRAULIC MOWER

Title	Work Task	Hazards	Controls
Standard Operating Procedures	1. Initial assessment before each use. (i.e. – Check fluids, deck, blade, loose parts)	1. Mower blade may cut hands during inspection.	1. Wear proper hand protection (gloves) during the initial inspection of the mower.
	2. Employee dons the proper Personal Protective Equipment before the job begins.	None	1. The employee must have the following PPE on before operating the mower: - Eye Protection - Hand Protection (When needed.) - Ear Protection - Steel Toed Shoes - Chaps/Long Pants
	3. ALWAYS make sure the mower is 'OFF' before inspecting, trying to remove debris from the deck, or trying to remove debris from the debris discharge area.	1. Hand Hazard & Foot Hazard.	1. Hand protection and foot protection should be worn when removing debris.
	3. Never hold the safety lever to keep the mower running when trying to remove debris.	1. Hand Hazard & Foot Hazard.	1. Before removing debris, release the safety lever so the mower cuts 'OFF'.

	<b>Work Task</b>	<b>Hazards</b>	<b>Controls</b>
	5. Employee uses the mower to cut grass along landscaped areas, steep slopes/hills, and areas that other mowers cannot reach.	<ol style="list-style-type: none"> <li>1. Cutting the mower 'ON'.</li> <li>2. Flying debris.</li> <li>3. Pedestrians walking by when working in particular areas.</li> </ol>	<ol style="list-style-type: none"> <li>1. Make sure hands and feet are away from the deck of the mower before starting the mower.</li> <li>2. Eye protection should be worn along with chaps or long pants due to flying debris.</li> <li>3. When using the mower, be aware of your surroundings at all times, and where you are pushing the mower. When pedestrians are approaching within close proximity of the work area, cut the machine off until they pass by to prevent any debris from flying in their direction.</li> </ol>
	6. Working on hills and steep slopes.	1. Slips/Trips/Falls.	1. The employee needs to be aware of whether the surface of the area they are working around is flat, on a gradual slope, or a steep incline. Slip resistant shoes should be worn if the working area is on a slope, and/or if the area is wet. USE CAUTION WHEN WORKING ON STEEP SLOPED AREAS!!
	7. Replacing the blade, cleaning the deck, and general maintenance.	1. Poses a hand/finger hazard (cuts) when performing maintenance. (i.e. – The blade may cut the hand or finger when being taken off or put back on.)	1. Hand protection must be worn while performing maintenance on and replacing the blade on the mower.
<b>Training</b>	Employees must have hands on training in the proper use of this piece of equipment before using it.	Supervisor is to fill out the 'Supervisor Led Training Form' and turn in the form to UNC-CH Environment, Health and Safety for documentation of proper training.	
<b>Created by</b>	<p style="text-align: center;">Joseph Sutton Workplace Safety Officer UNC-CH Environment, Health &amp; Safety August 28, 2008</p>		

<b>Referenced Material</b>	Refer to Manufactures Owner’s Manual for more information.
<b>Contact Info</b>	<p>For more information about this JSA and other JSAs, contact:  <i>Department of Environment, Health and Safety</i>            UNC-CH, 1120 Estes Drive Extension, Chapel Hill NC 27599 CB# 1650            (919) 962-5507 ● <a href="http://ehs.unc.edu">http://ehs.unc.edu</a></p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="text-align: left;"> <p style="font-size: 2em; margin: 0;"><b>UNC</b></p> <p style="margin: 0;">ENVIRONMENT, HEALTH &amp; SAFETY</p> </div> </div>