

# A Safe Workplace

## A Workplace Safety and Health Manual for Your Community

Section: III-E	Rules Procedures, Practices and Guidelines	Page 1 of 1
		Approved By: Harvey Bostrom
Subject: VLE-12	Operating a Grader	Effective: April 01, 2005
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Refer to part 22 of *The Manitoba Workplace Safety and Health Act and Regulations*, Powered Mobile Equipment.

**PPE Required:** Safety glasses, hard hat, hearing protection, steel-toe boots and high visibility safety vest, emergency eye wash bottle

**Warning:** Check with utilities before any work begins  
 Inspect the work area to check for hazards  
 Appropriate operational fire extinguishers must be in tractor  
 Only licensed personnel should operate a grader on a road.  
 Only competent persons allowed to operate heavy equipment.

**Steps:**

1. Ensure the equipment has a rollover protective structure (ROPS) before operating. ROPS must meet SAE Standard J1042 (2003), Operator Protection for General-Purpose Industrial Machines. Contact the regional office regarding equipment that does not have ROPS or a structure that was not commercially manufactured.
2. Walk around the machine checking for oil leaks, low tires, and vandalism. Complete pre-use inspection form of log book.
3. Check all fluid levels before starting - make sure it is ready for work.
4. Climb into the grader using the *Getting On or Off Equipment Procedure* (section III-C, G-1). Start at idle speed using the *Starting Equipment Procedure* (section III-E, VLE-5).
5. Check all gauges then climb out of the grader and inspect lights.
6. Before moving the grader, check the operation of the blade lift, tilt, side shift and backup alarm.
7. When proceeding to the work location check the brakes.
8. Shutdown the grader after it has cooled sufficiently on idle and all hydraulic attachments are lowered to the ground. Use *Equipment Turn Off Procedure* (section III-E, VLE-4).
9. Set the park brake, close all doors and windows and lock up.
10. See *Powered Mobile Equipment Procedure* (section III-E, VLE-18) for general instructions to operate powered and mobile equipment.