

Changing Grader Blades/Wings

Facility:	Written By:	Approved By:	Date Created:	Date of Last Revision

Hazards Present:	PPE or Devices Required:	Additional Training Required:
Awkward posture	Eye protection	See operators manual
Unsecure/falling blades	Steel toe boots	In house training
	Gloves	

Safe Work Procedure:

- 1) Shift moldboard up over front tire using grader hydraulics, resting end on front tire.
- 2) Shut off equipment and apply parking mechanism. Exit grader with handholds using three point contact with caution not to slip or fall.
- 3) Block lower end of blade using appropriate blocking.
- 4) Ensure proper PPE is used while cleaning material around blade nuts.
- 5) Hammer out all bolts except the blade end bolts.
- 6) Starting at the top end of first blade, remove outside nuts by hand and hammer out old bolts holding blade securely. Use caution as blade may fall, keep feet clear.
- 7) Swing blade downward and rest the end on the ground before removing bottom bolts.
- 8) Repeat previous three steps for next blade.
- 9) Using appropriate lifting particles to remove old blade and hardware from work area.
- 10) Install new bolts in outside corner of blade, lift corner of blade onto moldboard frog, install nuts and hand tighten. Repeat for next blade and tighten all nuts and bolts.

If an emergency situation occurs while conducting this task, or there is an equipment malfunction, engage the emergency stop and follow the lock out procedure

REPORT ANY HAZARDOUS SITUATIONS TO YOUR SUPERVISOR

<p>Guidance Documents/Standards:</p> <p>MB Workplace Safety & Health Act & Regulations:</p> <p>Part 6 – Personal Protective Equipment</p> <p>Part 16 – Machines and Tools</p>	<p>This Safe Work Procedure will be reviewed any time the task, equipment or materials change and at a minimum of every three years</p>
	<p>Reviewed By WSH Committee:</p> <p>Date:</p>