

Heavy Equipment Road Grader



1. Do not permit riders in or on the grader.
 - a. Grader is a one-person piece of equipment.
2. Do not dismount from the grader with the engine running - lower all attachments and stop engine first.
3. Before backing up, use extra care to ensure persons and vehicles are clear of the grader.
4. Know and use hand signals required for particular jobs and know who has the responsibility for signaling.
5. Select a gear that will prevent excessive speed when going downhill.
 - a. Do not coast downhill.
6. Note and avoid all hazards and obstructions such as overhangs, ledges, slide areas, electrical lines, underground cables, water mains, or gas lines.
7. Watch for bystanders and never allow anyone to be under or to reach into the grader and its attachments while operating.
8. Check the local traffic laws for correct traveling requirements.
 - a. If necessary, pull over and allow traffic to pass.
9. When working near traffic areas or at night, use extra care.
 - a. Use precautions, such as flares or reflectors, cones, red flags or red lights, barricades, flashing lights, and flagmen.
10. Do not operate the grader in areas where volatile gases, dust, and combustibles may be present.
11. Ensure the grader is properly equipped for grading in dry or forested areas.
12. Avoid lubrication or mechanical adjustments with the grader in motion or the engine operating.
13. Keep your head, body, limbs, feet, and hands away from all moving parts.
14. Use extreme care when working with hydraulic systems.
 - a. Relieve the hydraulic system pressure before performing any service.
15. Match speed of the vehicle to job conditions.
16. Be careful when operating with the wheels at right angle to a slope.
17. When hooking up trailing equipment, keep all personnel away.
18. Know your stopping distance at any given speed.
19. Use caution when crossing side hills, ridges, ditches, and other obstructions.
20. Keep close to inside bank when working on a side hill road or cut.
 - a. Extend the blade to material near outer edge.
21. Use extreme care to avoid tipping when working on hills, banks, or slopes.
22. Cross obstacles at an angle and at slow speed.
 - a. Be alert for sudden movement of machine when going over center of obstacle.
23. Operate the vehicle only on level surface when cutting high banks.