

LESSON 3: Tractor Pre-Operational Procedures

- A. Operator's manual and instructional messages
 - 1. Locating hazard alerts and safety messages in operator's manual
 - 2. Locating safety messages on machinery
 - 3. Special operating instructions for the operator
- B. Recognizing the level of risk
 - 1. Caution
 - 2. Warning
 - 3. Danger
- C. Special operating instructions
 - 1. Operating tractor with front end loader
 - 2. Removing a stuck tractor
 - 3. Towing heavy loads
 - 4. Operating tractor on highway
 - 5. Jump starting tractor
 - 6. Towing a tractor
 - 7. Refueling a tractor
- D. Pre-operational maintenance tasks
 - 1. Crankcase oil level
 - 2. Cooling system fluid level
 - 3. Fueling/DEF
 - 4. Tire inflation
 - 5. Hydraulic oil level
 - 6. Transmission fluid level
 - 7. Aircleaner
 - 8. Lights, reflectors, and SMV emblem
 - 9. Shields in place
 - 10. Installing and removing tractor weights (ballast) and dual wheels
- E. Safe mounting and dismounting
 - 1. Conduct a walk around
 - 2. Check for bystanders
 - 3. Fall prevention
- F. Before starting the tractor
 - 1. Adjust controls
 - 2. Fasten seatbelt
 - 3. Again, check for bystanders
 - 4. Verbal or audible warning
- G. Rollover protective structures (ROPS)
 - 1. Types of ROPS
 - 2. How they function/zone of protection
 - 3. Seatbelts
 - 4. Environmentally controlled cabs
 - 5. FOPS
- H. Review of hand signals
 - 1. Development of hand signals
 - 2. Enhancing safety with hand signals
 - 3. Hand signal interpretation

