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SAFE OPERATING PROCEDURES

Salt Brine Tank Applicator

SOP 12B-36

Hazard Review		
Inclement Weather	Flying Objects	Traffic
Mounting/Dismounting	Overloading	Skin and Eye Irritant
Required Personal Protective Equipment (PPE) (Based on job specific hazard review)		
Safety Glasses	Safety Vest	Safety Shoes
Gloves		

1. Follow all manufacturers' guidelines.
2. Supervisors shall verify that operators are capable and qualified on each type of equipment before allowing the equipment to be operated unsupervised.
3. Operators shall perform a pre-operational check of their equipment. Be familiar with operator's manual. Report all needed repairs promptly. Do not use any equipment that is unsafe.
4. Make sure lighting is working properly on truck and salt brine tank applicator.
5. When mounting or dismounting equipment, use steps and handholds provided. Do not jump from the vehicle.
6. Keep hands and body away from all moving parts and be aware of pinch points.
7. Never make any repairs or adjustments on the unit while it is in operation.
8. All personnel must keep clear of spray applicator area.
9. Disengage PTO and depressurize all lines before disconnecting.
10. Make sure salt brine tank is properly secured to truck prior to beginning operation.
11. Do not exceed weight limitations.
12. Obtain assistance when installing and removing salt brine tank from truck as needed.
13. Plan ahead to minimize the need for backing. Always check to the rear before backing and use an observer when available. Make sure back-up alarms are working properly.
14. Salt brine tank applicator shall be calibrated consistent with pre-determined application rate.
15. Use appropriate signage on back of truck or shadow vehicle for brine spraying application.
16. Keep windows and mirrors clean from brine mist to ensure good visibility.
17. Brine sprayer tank is to be emptied of all brine solution prior to removal of tank in order not to exceed weight capacity of support legs following each use.
18. A safety vest shall be worn when the employee is out of the vehicle and exposed to moving or backing vehicles.
19. Bulk loading stations must have within 25 feet of a temporary eye wash station and trucks must have first aid kit with single use eye wash applicator.

Related SOP's			
General SOPs	Chapter 10	Loader, Front End	12A-11
Truck, Dump	12A-30	Snow Plow	12B-24