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SAFE OPERATING PROCEDURES

Snooper Crane

SOP 12A-20

Hazard Review		
Traffic	Falls/Extreme Heights	Mounting/Dismounting
Overhead Utilities	Working Over Water	Pinch Points
Required Personal Protective Equipment (PPE) (Based on job specific hazard review)		
Hard Hat	Safety Shoes	Safety Vest
Eye Protection	Body Harness/Lanyard	Hearing Protection

1. Follow all manufacturers' guidelines for this under bridge inspection equipment.
2. Operators shall review Safe Operating Procedures for applicable equipment and perform a pre-operational check of their equipment. Be familiar with the operator's manual. Report needed repairs promptly. Do not use any equipment that is unsafe.
3. Supervisors shall verify that operators are capable and qualified on each type of equipment before allowing the equipment to be operated unsupervised.
4. Ensure proper lane or shoulder closure procedures are used.
5. Do not operate boom within 20 feet of power lines.
6. Before traveling, check boom for proper storage position. Never travel with PTO engaged.
7. Never exceed maximum lifting capacity of boom in its different positions. Refer to load chart.
8. Only one person shall operate the boom, and only one person shall signal and assist the operator.
9. Check and use outrigger safety locks and warning lights. Keep outriggers in sight while lowering.
10. Do not operate boom unless outriggers are down. Do not use outrigger for lifting.
11. When swinging boom, change directions slowly. Do not rock the boom.
12. Operators should be aware of employees and others on foot in work zones.
13. When working in the Snooper bucket, a hard hat and safety harnesses along with lanyard or restraint must be worn and anchored to the bucket.
14. The bucket enclosure along with use of fall protection full body harness, lanyard or restraint anchored to the bucket provide continuous fall protection which eliminates the drowning hazard therefore personal flotation device is not required when working over water. However, a skiff and ring buoy must be readily available for water rescue in the event there is a failure in the fall protection device or lapse in their use.
15. All unauthorized personnel shall be kept clear of the operation.
16. Workers shall not be allowed under boom during operation.
17. Check load capacity of the bridge before operating a snooper crane from the deck.

18. All drivers shall be properly licensed.
19. Keep windshield, windshield wipers, side windows and mirrors clean. No personnel shall be allowed to ride anywhere, except in the cab, when the vehicle is in motion unless the vehicle is designed to accommodate an individual outside the cab.
20. Do not leave equipment unattended with the engine running. Shut off engine and set the parking brake when equipment is not in use.
21. 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.
22. When mounting or dismounting equipment, use steps and handholds provided. Do not jump from the vehicle.
23. If employees are working 6 feet or more above a lower level, fall protection must be provided by a guardrail system, a work positioning system and/or a fall arrest system comprised of a body harness, lanyard, and anchorage.

Related SOP's			
General SOPs	Chapter 10	Work Boat	12A-37