

OPERATION OF
STRAND REEL TRAILER

<u>Contents</u>	<u>Page</u>
Loading Reels.....	1
Unloading Reels.....	2
Maintenance.....	3

1. LOADING REELS

1.01 In preparing to load a strand reel, withdraw the pins from the front hooks and remove the spindle from the trailer. Insert the spindle in the reel.

1.02 Raise the trailer tongue until the rear of the frame rests on the ground. Roll the reel forward until the rear hooks engage the spindle. Make sure that the collar on the spindle is in line with the groove in the saddle.

1.03 BLOCK BOTH WHEELS OF THE TRAILER, FRONT AND REAR.

1.04 In lifting the reel from the ground, proceed as follows:

(a) Attach 1-inch rope or its equivalent to rear of truck, or use winch line with snatch block. Trailer wheels should be from 10 to 12 feet from rear of truck. The lower the rope is attached to truck the more easily reel can be raised.

(b) DO NOT ALLOW WORKMEN OR OTHER PERSONS NEAR TRAILER AS REEL IS BEING RAISED.

(c) Move truck forward or take up on winch line SLOWLY until trailer tongue is approximately level or horizontal.

(d) Two men shall lower tongue from this position until it rests on ground.

(e) One man shall roll reel forward, with BOTH HANDS ON REEL, until spindle is in front hooks.

- (f) Secure spindle in front hooks with pins.
 - (g) Maneuver truck so that towing hook is in line with coupling eye and about 1 foot away.
 - (h) Remove lowering rope from trailer coupling eye
- 1.05 Couple the trailer to the truck towing hook as follows:
- (a) Towing hook latch on truck should be in open position.
 - (b) Two men shall raise tongue to proper height for coupling to truck. At the same time truck is backed until eye is engaged in towing hook.
 - (c) CLOSE TOWING HOOK LATCH, INSERT LATCH PIN and remove chocks from trailer wheels.
 - (d) SECURE SAFETY ROPE TO TOWING HOOK BRACKET WITH CLEVIS.

2. UNLOADING REELS

- 2.01 When unloading strand reels, reverse the procedure described in Part 1, in accordance with the following instructions.
- 2.02 BLOCK BOTH WHEELS OF THE TRAILER, FRONT AND REAR.
- 2.03 Uncouple the trailer from the towing hook, and remove the pins holding the spindle. Then fasten the winch line, a 3/4-inch manila rope or an approved equivalent, to the trailer coupling eye and attach the other end to the truck.
- 2.04 If the lowering rope is attached to the truck, detach the safety rope from the clevis and move the truck forward until slack is removed from the rope. Two men shall raise the tongue until the balance point is passed and the lowering rope is under strain. Move the truck back slowly, permitting the tongue to rise until the reel rests on the ground.
- 2.05 DO NOT ALLOW WORKMEN OR OTHER PERSONS NEAR TRAILER AS REEL IS BEING LOWERED.
- 2.06 Two workmen shall hold the tongue of the trailer while one workman rolls the reel clear of the trailer. THE FRONT END OF THE TRAILER TONGUE IS VERY HEAVY AND SHOULD BE HELD FIRMLY WHILE LOWERING IT TO THE GROUND.

2.07 If the winch line is used, proceed as follows:

- (a) PLACE WINCH LINE IN SNATCH BLOCK AT REAR OF TRUCK.
- (b) With winch under power take up slack in winch line.
- (c) Remove safety rope from clevis.
- (d) Two men shall raise tongue until balance point is passed and winch rope is under strain.
- (e) Allow winch line to slack off, permitting tongue to rise until reel rests on ground. (Where winch is so arranged as to permit it, always lower by reversing transmission and driving winch with engine rather than lowering with brake.)
- (f) The same precautions shall be taken when lowering the reel under this method as are outlined in Paragraphs 2.05 and 2.06 for the rope method.

3. MAINTENANCE

3.01 The lubrication and care of the bearings of strand reel trailers shall be performed in accordance with the instructions covered in the specifications on "Care of Trailer Axle Bearings."