



Fire Protection Training

Procedures Handbook 4300

MOBILE EQUIPMENT

TOPIC: How To Unload A Dozer, Tilt-Bed Transport Or Trailer
(Medium or Light)

LEVEL OF INSTRUCTION: 1 Hour

TIME FRAME:

BEHAVIORAL OBJECTIVE:

Condition: A CDF tilt bed transport or trailer, dozer, 1/2" chain tie downs, lights, wideload sign, flags

Behavior: The student will demonstrate untying and unloading a dozer off of a tilt bed trailer while in full wildland fire personal protective clothing.

Standard: With a minimum 70% accuracy, according to the job breakdown

MATERIALS NEEDED:

- CDF tilt bed transport or trailer
- Dozer, 4-1/2" chain tie downs
- Flags, lights, and sign

REFERENCES: None

PREPARATION: The tilt bed on a CDF transport or trailer is designed to provide ease of loading and unloading dozers. This trailer needs to be operated safely and properly to avoid equipment damage or injury to Department personnel.



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HOW TO UNLOAD A DOZER, TILT-BED TRANSPORT OR TRAILER
(MEDIUM OR LIGHT)

OPERATIONS

KEY POINTS

- | | |
|--|---|
| 1. Park transport | 1a. Semi-flat area |
| 2. Set brakes | b. Not on a side hill |
| 3. Shift transmission into neutral | 2a. Setting spring brakes |
| 4. Step out of cab | b. Setting trailer brakes |
| 5. Put on gloves and helmet | 3a. Allowing engine to idle |
| 6. Chock transport | 4a. Using grab handles |
| 7. Remove flags, lights, and sign (medium) | b. Using provided steps |
| 8. Unlock tilt bed | 7a. Removing flags and lights from dozer |
| 9. Untie dozer | b. Removing "Wide Load" sign from trailer |
| 10. Step into dozer | 8a. Pulling tilt bed lock handle |
| 11. Put on seat belt | b. Releasing lock devise |
| 12. Start dozer engine | c. Air switch (light(dozer)) |
| 13. Raise dozer blade | 9a. Releasing front tie downs |
| 14. Shift dozer transmission into gear | b. Releasing rear tie downs |
| 15. Release dozer brakes | c. Releasing blade tie down |
| 16. Move dozer towards rear of tilt bed | 10a. Using grab handles |
| | b. Using steps provided |
| | 13a. To full height |
| | 14a. Forward or reverse |
| | 16a. Slowly |



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OPERATIONS

KEY POINTS

17. Stop dozer at center point of tilt bed
18. Move dozer off of tilt bed
19. Lower dozer blade to ground
20. Set dozer brakes
21. Lock Transmission in neutral
22. Release seat belt
23. Step off dozer
24. Lock tilt-bed latch
25. Shut off transport engine
26. Step out of transport
27. Step into dozer
28. Fasten seat belt
29. Cut fireline around transport

- 17a. Until tilt bed tilts fully
 - b. Rear of tilt bed contacting ground
- 18a. Until dozer is clear of trailer
- 22a. Using grab handles
 - b. Using safe foot locations
- 23a. Pulling lever (medium)
 - b. Air switch (light)
 - c. Electrical switch (light)
- 24a. Transmission in gear
 - b. Windows rolled up
- 25a. Using grab handles
 - b. Using provided steps
- 27a. Using grab handles
 - b. Safe foot locations
- 29a. One blade width
 - b. Completely around transport
 - c. To mineral soil



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APPLICATION:

Student will practice skill while being supervised and coached by the instructor.

EVALUATION:

Manipulative performance test.

ASSIGNMENT:

None.