



Manipulative Performance Test

Procedures Handbook 4300

MOBILE EQUIPMENT

TOPIC/EQUIPMENT: Disconnecting The Removable Gooseneck From A Drop Frame Trailer

CATEGORY: I

POINTS POSSIBLE: 100

TIME ALLOWED: N/A

BEHAVIORAL OBJECTIVE:

Condition: A CDF drop frame trailer with removable gooseneck, equipment (dozer, grader, loader)

Behavior: The student will demonstrate the disconnect and detachment procedures for a removable gooseneck trailer with equipment loaded on the trailer while in full wildland fire personal protective clothing.

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

MATERIALS NEEDED:

- One (1) CDF tractor and drop frame trailer
- One (1) Heavy equipment (dozer, loader, grader)
- One (1) Score sheet per student
- One (1) Manipulative performance test cover page
- One (1) Set of wildland fire personal protective clothing

PROCEDURES: The examination will begin when the student either verbally or by conduct performs any step of the examination. The examination will end when the student either verbally or by conduct indicates the examination has been completed. The student will demonstrate the ability to disconnect the gooseneck from a drop frame trailer. A dozer, grader, loader or other type of heavy equipment will be on the trailer during the testing process.



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SCORING:

Points will be deducted for each step omitted, performed improperly, or performed out of sequence. Lettered procedures may be performed in any sequence within the numbered step without a loss of points. Steps designated by an asterisk (*) must be performed or the student fails the examination. A score of zero (0) will be given if during the examination the student performs any step or procedure that would jeopardize the safety of personnel or damage the equipment

SPECIAL NOTES:

Before the examination begins the student will be allowed to ask any clarifying questions and inspect the equipment. Once the examination begins the evaluator shall not answer any questions or intercede in any way, unless safety violations occur that would injure personnel or equipment. The examination will begin when the student, seated in the cab of the tractor, sets the spring brake.

Score Sheet

DISCONNECTING A DROP
FRAME TRAILER WITH
REMOVABLE GOOSENECK

DATE ____ / ____ / ____ TEST # ____ RETEST # ____ UNIT # ____

STUDENT'S NAME _____

EVALUATOR'S NAME _____

STEPS AND PROCEDURES

	<u>POINTS</u>
1. Park transport	____ *
2. Set spring brake	____ *
3. Shift transmission into neutral	____ *
4. Step out of tractor cab	
a. Using grab handles	____ 5
b. Using provided steps	____ 5
5. Put gloves on hands	____ *
6. Pull 5th wheel lock handles (front and rear)	____ *
7. Disconnect tractor service lines from gooseneck	
a. Disconnect airlines.	____ *
b. Disconnect electrical line	____ *
8. Secure service lines to tractor (back cab holders)	____ 5
9. Step into tractor cab	
a. Using grab handles	____ 5
b. Using provided steps	____ 5
10. Shift transmission into forward gear (low gear/low range)	____ *

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	<u>POINTS</u>
11. Release spring brake while holding foot on tractor brake	_____*
12. Drive tractor forward to disconnect trailer from tractor until trailer is resting on the ground	_____5
13. Set spring brake	_____*
14. Shift transmission into neutral	_____*
15. Step out of tractor cab	
a. Using grab handles	_____5
b. Using provided steps	_____5
16. Disconnect and secure gooseneck service lines (air and electric)	_____*
17. Pull out trailer gloves from both sides of trailer	_____*
18. Side latch plates forward on both sides of trailer	_____*
19. Replace trailer gloves behind latch plates	_____*
20. Step into tractor cab	
a. Using grab handles	_____5
b. Using provided steps	_____5
21. Shift transmission into reverse	_____5
22. Release spring brake	_____*
23. Back tractor towards trailer gooseneck until gooseneck and 5th wheel lock	_____5
24. Shift transmission into forward gear and pull forward slightly to assure 5th wheel is locked	_____*

Score Sheet

	<u>POINTS</u>
25. Set spring brake	_____*
26. Shift transmission into neutral	_____*
27. Step out of cab	
a. Using grab handles	_____5
b. Using provided steps	_____5
28. Pull trailer safety latch pin and lock pin in open position	_____*
29. Place metal or wood spacer on tractor rails between gooseneck and rails	_____5
30. Step into cab	
a. Using grab handles	_____5
b. Using provided steps	_____5
31. Release spring brake	_____*
32. Shift transmission into reverse and back up slightly to release safety latch pin	_____*
33. Shift transmission into forward low gear/low range	_____*
34. Pull tractor forward clearing trailer loading and unloading path	_____5
35. Park tractor	
a. Transmission in gear	_____*
b. Engine shut off	_____*
c. Windows rolled up	_____*

	<u>POINTS</u>
d. Safe location	_____*
e. Set spring brake	_____*
36. Step out of cab	
a. Using grab handles	_____5
b. Using provided steps	_____5
37. Chock tractor according to CDF policy	_____*
38. Cut safety zone around tractor and trailer with dozer (one blade wide)	_____*

(simulated) Operator states: "**AROUND TRACTOR AND TRAILER,
ONE BLADE WIDE**"

ENTER TOTAL TIME: _____:

POINTS POSSIBLE: _____100

POINTS DEDUCTED: _____

FINAL SCORE: _____

COMMENTS:
