



# MANIPULATIVE PERFORMANCE TEST

Procedures Handbook 4300

POWER TOOLS

**TOPIC/EQUIPMENT:** START A ROTARY (CIRCULAR) SAW

**CATEGORY:** Level II

**POINTS POSSIBLE:** 100

**TIME ALLOWED:** Not a timed event

**BEHAVIORAL OBJECTIVE:**

*Condition:* A rotary (circular) saw, appropriate material to cut, and appropriate PPE per CAL FIRE policy

*Behavior:* The student will operate a rotary saw to cut test material

*Standard:* Complete all operations according to the job breakdown, with a minimum of 80% accuracy according to the score sheet

**MATERIALS NEEDED:**

- Rotary (circular) saw
- Appropriate personal protective equipment
- Appropriate blade types for material being cut
- Dolmar with proper fuel mix
- Manufacturer specific maintenance tools

**PROCEDURES:**

The examination will begin when the instructor lowers his/hers raised arm. The examination will end when the student "**SAFELY**" sets the equipment on the ground and raises both arms in the air. The student will demonstrate the ability to safely operate the equipment and cut through the provided test material.

**SCORING:**

Points will be deducted for each step omitted, performed improperly, or performed out of sequence. Steps designated by Pass/Fail 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 in a manner that would jeopardize the safety of personnel or damage the equipment.



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***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 evaluators shall not answer any questions or intercede in any way, unless safety violations occur that would injure personnel or equipment.

# Score Sheet

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DATE \_\_\_\_ / \_\_\_\_ / \_\_\_\_ TEST # \_\_\_\_ RETEST # \_\_\_\_ UNIT # \_\_\_\_

STUDENT'S NAME \_\_\_\_\_

EVALUATOR'S NAME \_\_\_\_\_

## **STEPS AND PROCEDURES**

<b>TIME STARTS</b>	<b><u>POINTS</u></b>
1. Place saw	<u>Pass/Fail</u>
a. On firm, level ground	
b. Clear of bystanders and obstructions	
2. Place foot or knee	<u>Pass/Fail</u>
a. Into saw handle	
b. Toe of boot through handle opening or knee on top of power head	
c. Stabilizing rotary saw	
3. Grasp handle bar	<u>Pass/Fail</u>
a. Left hand	
b. Firmly	
c. Thumb around bar	
4. Flip stop switch	<u>10</u>

# Score Sheet

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a. With Right hand	
b. To "On" position	
5. Engage choke	<u>10</u>
a. With Right hand	
6. Set throttle latch	<u>10</u>
a. To "On" position	
7. Grasp starter rope handle	<u>5</u>
a. With Right hand, firmly	
8. Engage starter rope	<u>10</u>
a. Pull Slowly	
b. Until starter mechanism engages	
9. Pull starter rope	<u>10</u>
a. Short, sharp pulls	
10. Hold starter handle	<u>Pass/Fail</u>
a. As the rope retracts	<u>                    </u>
b. Until engine fires (pops)	<u>                    </u>
c. <b>Never drop start a saw</b>	<u>                    </u>

# Score Sheet

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11. Disengage choke	<u>10</u>
12. Pull starter rope	<u>10</u>
a. Short, sharp pulls	
b. Until engine starts	
13. Grip saw	<u>Pass/Fail</u>
a. Firmly	
b. With both hands.	
c. Thumbs and fingers encircling the handles	
14. Throttle engine	<u>10</u>
a. Briefly	
b. Finger on throttle trigger	
15. Release throttle trigger	<u>10</u>
a. Returning engine to idle	
16. Warm up saw	<u>5</u>
a. To manufacturer's specifications	

# Score Sheet

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**TIME STOPS**

**ENTER TOTAL TIME:** \_\_\_\_\_  
**POINTS POSSIBLE:** 100  
**POINTS DEDUCTED:** \_\_\_\_\_  
**FINAL SCORE** \_\_\_\_\_

**COMMENTS:**

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