



**WRITTEN QUIZ**  
Procedures Handbook 4300

INSPECTION AND MAINTENANCE OF  
FIRE SERVICE POWER TOOLS

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

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**POINTS**

1. Internal combustion engine fluid levels should be checked? 10  
A. Daily    B. Weekly    C. Each Shift    D. Monthly
2. Electrical equipment may need to be grounded if the generator is not equipped with a \_\_\_\_\_. 10
3. Make a list of four (4) items that you would check after using an internal combustion engine powered tool. 20  
A. \_\_\_\_\_  
B. \_\_\_\_\_  
C. \_\_\_\_\_  
D. \_\_\_\_\_
4. List three (3) fire service power tools (Internal combustion). 10  
A. \_\_\_\_\_  
B. \_\_\_\_\_  
C. \_\_\_\_\_
5. List four (4) types of hydraulic power systems 20  
A. \_\_\_\_\_  
B. \_\_\_\_\_  
C. \_\_\_\_\_  
D. \_\_\_\_\_



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**POINTS**

6. Where would fuel/oil mixture ratios be found? 10

\_\_\_\_\_

7. What three (3) items should you look for when checking hydraulic tools? 20

A. \_\_\_\_\_

B. \_\_\_\_\_

C. \_\_\_\_\_

**POINTS POSSIBLE:** 100

**POINTS DEDUCTED:**

**FINAL SCORE:**



**KEY**

**POINTS**

1. Internal combustion engine fluid levels should be checked? 10  
**A. DAILY** B. Weekly C. Each Shift D. Monthly  
Ref: TLP. pg. 3, sect. II, A
2. Electrical equipment may need to be grounded if the generator is not equipped with a **GROUND FAULT INTERRUPTER (GFI)**. 10  
Ref: TLP. pg. 6, sect. IV, C
3. Make a list of four (4) items that you would check after using an internal combustion engine powered tool. 20  
**A. REFILL FLUIDS LEVELS**  
**B. CLEAN AIR FILTER**  
**C. REMOVE DEBRIS**  
**D. INSPECT FOR DAMAGE**  
**CLEAN UNIT**  
**MAKE SURE UNIT FUNCTIONS PROPERLY**  
Ref: TLP. pg. 4, sect. II, C
4. List three (3) fire service power tools (Internal combustion). 10  
**A. GENERATORS**  
**B. CHAIN SAWS**  
**C. POLE SAWS**  
**D. FLOTO PUMPS**  
**BLOWERS (PPV)**  
**PORTABLE PUMPS**  
Ref: TLP. pg. 2, sect. I-A



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**KEY**

- |  | <u><b>POINTS</b></u> |
|--|----------------------|
| 5. List four (4) types of hydraulic power systems.                         | <u>20</u>            |
| A. <b>HAND PUMP</b>  |                      |
| B. <b>ELECTRICAL</b>   |                      |
| C. <b>PNEUMATIC (AIR)</b>  |                      |
| D. <b>INTERNAL COMBUSTION</b>  |                      |
| <b>Ref: TLP. pg. 4, sect. I-D</b>  |                      |
| 6. Where would fuel/oil mixture ratios be found?                           | <u>10</u>            |
| <b>MANUFACTURER'S SPECIFICATIONS</b>                                       |                      |
| <b>Ref: TLP. pg. 4, sect. II, C-1</b>                                      |                      |
| 7. What three (3) items should you look for when checking hydraulic tools? | <u>20</u>            |
| A. <b>CRACKS IN PUMPS</b>  |                      |
| B. <b>LEAKS IN HOSES</b>   |                      |
| C. <b>LEAKS AT COUPLINGS</b>   |                      |
| <b>Ref: TLP. pg. 6, sect. V, A</b>   |                      |

**POINTS POSSIBLE:** 100

**POINTS DEDUCTED:**

**FINAL SCORE:**