

Print Name: \_\_\_\_\_ Date: \_\_\_\_\_

Practical Exam  
For  
New applicants  
Pursuing Journeyman status in  
I.A.T.S.E. Local 470  
Northeastern and Central Wisconsin



Notice to applicant:

This test will quiz applicant in the practical application of six areas; Knots & Rigging, Running a Flat, Sound, Electrics, Counterweight System, and Followspot Operation. Violating any safety element will result in automatic failure of that section. Applicants must score eighty percent or better to pass. Good luck.

--Local 470-examination committee

10/30/05 edition

**IATSE Local 470**  
**Practical Application Test Evaluation**  
**Knots & Rigging**

Apprentice \_\_\_\_\_ Date \_\_\_\_\_ Grade% \_\_\_\_\_

Instructor \_\_\_\_\_

Tie the following:

- |   |   |
|---|---|
| 1. Two half-hitches _____<br>a. Application _____ | 6. Figure eight knot _____<br>a. Application _____                        |
| 2. Square knot _____<br>a. Application _____      | 7. Half hitch over belay pin _____<br>a. Application _____                |
| 3. Bowline _____<br>a. Application _____          | 8. Snub Knot _____<br>a. Application _____                                |
| 4. Sheet Bend _____<br>a. Application _____       | 9. Attach Crosby* _____   |
| 5. Clove Hitch _____<br>a. Application _____      | 10. Construct a bridle (5/5/10) open basket _____<br>a. Rope tie in _____ |

11. General understanding    Excellent    Good    Average    Fair    Poor

Instructors Comments \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Instructors Signature \_\_\_\_\_

Witness \_\_\_\_\_

\*Denotes safety element. Failure of this element results in the automatic failure of this section of the practical exam.

**IATSE Local 470**  
Practical Application Test Evaluation  
**Running a Flat**

Apprentice \_\_\_\_\_ Date \_\_\_\_\_ Grade% \_\_\_\_\_

Instructor \_\_\_\_\_

1. Move a flat from horizontal to vertical \_\_\_\_\_
2. Run a flat across deck \_\_\_\_\_
  - a. Check overhead obstructions \_\_\_\_\_
3. Return flat to horizontal \_\_\_\_\_
  - a. Proper call \_\_\_\_\_

4. General understanding      Excellent      Good      Average      Fair      Poor

Instructors Comments \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Instructors Signature \_\_\_\_\_

Witness \_\_\_\_\_

**IATSE Local 470**  
**Practical Application Test Evaluation**  
**Sound**

Apprentice \_\_\_\_\_ Date \_\_\_\_\_ Grade% \_\_\_\_\_

Instructor \_\_\_\_\_

1. PCC connection \_\_\_\_\_
  - a. Phantom power \_\_\_\_\_
2. Dynamic Mic connection \_\_\_\_\_
3. Tape deck (or CD) connection \_\_\_\_\_
4. System power up \_\_\_\_\_
5. Mix down
6. Equalizer identification \_\_\_\_\_
  - a. Equalizer function description \_\_\_\_\_
  
7. General understanding      Excellent      Good      Average      Fair      Poor

Instructors Comments \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Instructors Signature \_\_\_\_\_

Witness \_\_\_\_\_

**IATSE Local 470**  
Practical Application Test Evaluation  
**Electrics**

Apprentice \_\_\_\_\_ Date \_\_\_\_\_ Grade% \_\_\_\_\_

Instructor \_\_\_\_\_

Hang and Circuit Light Plot

1. Tighten all C-clamps\* \_\_\_\_\_
2. Attach all safeties\* \_\_\_\_\_
3. Pull all shutters on all ellipsoidals \_\_\_\_\_
4. Focus fresnels to spot flood \_\_\_\_\_
5. Space instrument properly \_\_\_\_\_
6. Dress Cable Properly \_\_\_\_\_

7. General understanding      Excellent      Good      Average      Fair      Poor

Instructors Comments \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Instructors Signature \_\_\_\_\_

Witness \_\_\_\_\_

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**IATSE Local 470**  
**Practical Application Test Evaluation**  
**Counterweight System**

Apprentice \_\_\_\_\_ Date \_\_\_\_\_ Grade% \_\_\_\_\_

Instructor \_\_\_\_\_

Operate Counterweight system

1. Give proper calls to deck \_\_\_\_\_
2. Give proper calls to loading bridge \_\_\_\_\_
3. Operate hand line, lock and locking ring properly \_\_\_\_\_
4. Check that personnel and equipment are clear\* \_\_\_\_\_
5. Use correct sequence for loading goods and counterweights\* \_\_\_\_\_
6. Use correct sequence for unloading goods and counterweights\* \_\_\_\_\_
7. Weight previously hung electric correctly\* \_\_\_\_\_
8. Fly batten to 15' \_\_\_\_\_
9. Use proper speed and control \_\_\_\_\_
10. General understanding      Excellent      Good      Average      Fair      Poor

Instructors Comments \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Instructors Signature \_\_\_\_\_

Witness \_\_\_\_\_

\*Denotes safety element. Failure of this element results in the automatic failure of this section of the practical exam.

**IATSE Local 470**  
**Practical Application Test Evaluation**  
**Followspot Operation**

Apprentice \_\_\_\_\_ Date \_\_\_\_\_ Grade% \_\_\_\_\_

Instructor \_\_\_\_\_

- A. \_\_\_\_\_
- B. \_\_\_\_\_
- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
- 8. \_\_\_\_\_
- 9. \_\_\_\_\_
- 10. \_\_\_\_\_
- 11. \_\_\_\_\_

12. General understanding      Excellent      Good      Average      Fair      Poor

Instructors Comments \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Instructors Signature \_\_\_\_\_

Witness \_\_\_\_\_