# System Test Report

## FIRE PUMP

<table>
<thead>
<tr>
<th>STATUS</th>
<th>FIRE PUMP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Confidence Test</td>
<td></td>
</tr>
<tr>
<td>Deficiency Repair Test</td>
<td></td>
</tr>
<tr>
<td>Red</td>
<td></td>
</tr>
<tr>
<td>Yellow</td>
<td></td>
</tr>
<tr>
<td>White</td>
<td></td>
</tr>
</tbody>
</table>

## Occupancy Information

- **Occupancy Name:**
- **Occupancy Address:**

## Contact Information

- **Contact Name:**
- **Contact Address:**
- **Contact Phone:**
- **Contact Email:**

## Central Station Monitoring

- **Central Station Monitoring:** Yes □ No □
- **Monitoring Required:** Yes □ No □

## Monitoring Company Information

- **Monitoring Company Name:**
- **Monitoring Company Phone:**

## Fire Pump Inventory

### Required for 1st report to TCE and/or replacement of pump

- **Pump Manufacturer:**
- **Model #:**
- **Fire Pump Room/Location:**
- **Serial #:**
- **Rated Capacity (RC):**
- **Rated RPM:**
- **Rated PSI/FT:**

## Inspection & Testing Agency Information

- **Name:**
- **Phone:**
- **Address:**
- **Emergency Phone:**
- **Email:**

## Inspector/Tester Information

- **Name:**
- **Phone:**
- **SFD Certification No.:** SCP-

## Fire Pump Information

- **Date of Test:**

## PRE-TEST CHECKS

1. Routine maintenance is being performed (including weekly pump tests w/0 flow) and records are being kept in accordance with NFPA 20 and NFPA 25 □ Yes □ No
2. The suction screens were inspected and cleared. □ Yes □ No
3. All signs, placards, and labels are provided on doors and system controls. □ Yes □ No

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Fire Pump

(05/19)
### ELECTRIC PUMP - Electrical based on NFPA 20 test procedures

<table>
<thead>
<tr>
<th>0 gpm (churn)</th>
<th>Ph1</th>
<th>Ph2</th>
<th>Ph3</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Amperage</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Voltage</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>100% gpm</strong></td>
<td>Ph1</td>
<td>Ph2</td>
<td>Ph3</td>
</tr>
<tr>
<td><strong>Amperage</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Voltage</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>150% gpm</strong></td>
<td>Ph1</td>
<td>Ph2</td>
<td>Ph3</td>
</tr>
<tr>
<td><strong>Amperage</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Voltage</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

4. The electric pump ran properly for a minimum 10 minutes.  
   - [ ] Yes  
   - [ ] No  
   - [ ] N/A

### DIESEL PUMP

5. Oil level is OK.  
   - [ ] Yes  
   - [ ] No  
   - [ ] N/A

6. Coolant level is full.  
   - [ ] Yes  
   - [ ] No  
   - [ ] N/A

7. The hydrometer reading indicates that the antifreeze protection is adequate.  
   - [ ] Yes  
   - [ ] No  
   - [ ] N/A

8. The fuel filter/strainer was serviced.  
   - [ ] Yes  
   - [ ] No  
   - [ ] N/A

9. The diesel engine/pump operated properly for a minimum 30 minutes.  
   - [ ] Yes  
   - [ ] No  
   - [ ] N/A

### PUMP CONTROLLER(S)

10. The fire pump controller is listed and operates according to NFPA 20 standards.  
    - [ ] Yes  
    - [ ] No

11. The controller regulates the jockey pump as required by NFPA 20  
    - [ ] Yes  
    - [ ] No

12. The controller regulates the fire pump as required by NFPA 20  
    - [ ] Yes  
    - [ ] No

### PUMP TEST

13. When the Pump starts from pressure drop the start pressure is 5 psi below the start point of the jockey pump.  
    - [ ] Yes  
    - [ ] No

14. The pump runs smoothly without unusual noise or vibration. (For standards regarding pump vibration see Hydraulics Institute Standards for Centrifugal, Rotary and Reciprocating Pumps – Ref. NFPA 20 6.5.2 and 14.2.6)  
    - [ ] Yes  
    - [ ] No

15. If due, the gauges passed a 5-year pressure gauge comparison test with a calibrated gauge and were recalibrated or replaced if necessary.  
    - [ ] Yes  
    - [ ] No  
    - [ ] N/A

Date of Test: ___________________

16. The pump performs at its rated capacity (RC) and at 150% of its RC (or the capacity that the supply will accommodate above the RC if it is less than 150%).  
    - [ ] Yes  
    - [ ] No

<table>
<thead>
<tr>
<th>Churn</th>
<th>100 % RC</th>
<th>150% RC</th>
</tr>
</thead>
</table>

### Actual Test RPM

<table>
<thead>
<tr>
<th>Test Capacity (100%)</th>
<th>Test Peak Flow gpm (150%)</th>
</tr>
</thead>
</table>

### Pitot or Flowmeter Reading

<table>
<thead>
<tr>
<th>Pre-test psi</th>
<th>Churn psi (0 flow)</th>
<th>RC psi</th>
<th>150% RC psi</th>
</tr>
</thead>
</table>

### PSI Reading on Discharge Gauge

<table>
<thead>
<tr>
<th>Pre-test psi</th>
<th>Churn psi (0 flow)</th>
<th>RC psi</th>
<th>RC psi</th>
</tr>
</thead>
</table>

### PSI reading on Suction Gauge

17. Hose size in.:  
18. Tip size in.:  
19. Hose length ft.:  
20. The shaft seals are dripping water properly.  
   - [ ] Yes  
   - [ ] No

Fire Pump  
(05/19)
| 21. The system pressure relief valve operates properly. | □ Yes □ No |
| 22. The Casing relief valve operates properly. | □ Yes □ No |
| 23. Pump activation reports to panel and panel identifies pump activation correctly. | □ Yes □ No |

**TRANSFER SWITCH**

| 24. A simulated power failure during peak flow automatically activated the transfer switch within 10 seconds. | □ Yes □ No |
| 25. After the automatic connection was made to an alternate power source peak flow was redelivered within 30 seconds. | □ Yes □ No |
| 26. The manual emergency transfer equipment operated properly during peak flow and peak flow was redelivered within 30 seconds. | □ Yes □ No |

**FINAL CHECKS**

Put the Fire Alarm back into service and/or other precautionary measures that were made to restore fire alarm system to normal operation (includes removal of protective coverings).

| 27. The confidence test report will be given to the owner in either electronic or paper form and a status tag was posted on the fire pump system. | □ Yes □ No |

By accepting this statement I, the certified technician shown on this form, certify that this fire protection system(s) has been properly inspected for functional operation in accordance with the current Fire Code (FC) used by the department that has jurisdiction and NFPA Standards adopted by the FC for this system. Any deficiencies found are noted in the report and have been reported to the building Owner/Manager for corrective action.

I am authorized to submit this report for the certified technician who has accepted this statement.

**SIGNATURE (OPTIONAL)**

Signature of Technician

Signature of Building Representative

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**System Testing Reports Must Be Submitted Online**

Submit reports to [http://www.thecomplianceengine.com/](http://www.thecomplianceengine.com/)