

# Skill Sheet 1-1

**Objective:** Demonstrate the correct use of the PyroLance L 1000-W-G Unit and Piercing nozzle to flow water and use to pierce an object with the Pyro Shot.

**Student Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_

## Directions

For this skills evaluation checklist, students will correctly inspect the PyroLance L 1000-W-G Unit with PyroLance piercing nozzle. The student will operate the PyroLance L 1000-W-G Unit in both normal and manual modes while the Nozzleman is operating the Piercing Nozzle with water and with the Pyro Shot abrasive to pierce, showing safety and the correct techniques.

## Equipment & Materials

- Full protective clothing
- PyroLance L 1000-W-G Unit
- Burn Building/Training Area
- Driver/operator for fire apparatus
- Object to be pierced (steel, concrete, door)

## Criteria & Evaluation Comments

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Criteria (determined by the AHJ)

*After the candidate has completed the skill sheet, write comments below.*

Evaluator/Candidate Comments

Pass                       Fail

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|                     |      |                   |      |
|---------------------|------|-------------------|------|
| Evaluator Signature | Date | Student Signature | Date |
|---------------------|------|-------------------|------|

## Skills Evaluation Checklist

**Objective:** Demonstrate the correct use of the PyroLance L 1000-W-G Unit in both normal and manual modes for both water flow and piercing operations. During this evolution the instructor may choose to use Skills Sheet 4-1 for the Lance Nozzleman evaluation.

| Task Steps |  | Yes | No |
|------------|--|-----|----|
| 1.         | Don appropriate personal protective clothing.                                    |     |    |
| 2.         | Inspection of unit prior to use.   |     |    |
| 3.         | Start unit and run in <b>Normal mode</b> .                                       |     |    |
| 4.         | Run unit in <b>Normal Mode</b> with piercing operations.                         |     |    |
| 5.         | Trouble shoot "No communication between unit and nozzle"                         |     |    |
| 6.         | Trouble shoot " <i>NO WATER FLOW</i> "   |     |    |
| 7.         | Run the unit in <b>Manual mode</b> .   |     |    |
| 8.         | Demonstrate communications with Nozzleman during Manual mode.                    |     |    |
| 9.         | Demonstrate correct steps when operating piercing operations during Manual mode. |     |    |
| 10.        | Correctly shut down unit and ready unit for next use or storage/next use.        |     |    |
| 11.        | Replacement of remote control signal transmitter battery.                        |     |    |
| 12.        | Reprogram Receiver unit.   |     |    |
| 13.        | Replace tip of Nozzle.   |     |    |
| 14.        | Replace abrasive.  |     |    |
| 15.        | Walk through Anti-Freeze loading operations (where needed)                       |     |    |