



Office of Training
and Certification

New Jersey Division of Fire Safety

BASIC PRACTICAL SKILLS EXAMINATION REPORT

Skill sheet #

Certification title

**HM
OPS-20**

**Hazardous Materials Operational Level
Performing the Bounce-Off Method of
Applying Foam**

Applicant Information

Candidate name

DFS ID #

Course #

Evaluation

Standard:

**NFPA 470 - 2022 Edition:
9.6.1**

Skill Drill 11-12

Task

Correctly demonstrate for the students the performance of the bounce-off method of applying foam.

Conditions and Outcome

The Instructor shall demonstrate the bounce-off method of applying foam. The drill begins after the proper amount of hose is deployed and the foam deployment apparatus is in place (nozzles, foam educators, etc.). The candidates shall be able to recognize the bounce-off method of foam being applied.

| Number | Task Steps | First Test | | Retest #1 | | Retest #2 | |
|--|---|------------|------|-----------|------|-----------|------|
| | | Pass | Fail | Pass | Fail | Pass | Fail |
| 1 | The instructor should have a location determine and the supplies ready for the crew to visualize the task. | | | | | | |
| 2 | Open the nozzle, and test to ensure that foam is being produced. Move within a safe range of the product and open the nozzle. | | | | | | |
| 3 | Direct the stream of foam onto a solid structure such as a wall or metal tank so that the foam is directed off the object and onto the pool of product. | | | | | | |
| 4 | Allow the foam to flow across the top of the pool of product until it is completely covered. Be aware that the foam may need to be bounced off several areas of the solid object to extinguish the burning product. | | | | | | |
| Final Test Result for Entire Task | | | | | | | |

| Evaluator signature & comments, Test #1 | | Evaluator signature & comments, Retest #1 | | Evaluator signature & comments, Retest #2 | |
|--|------|--|------|--|------|
| | | | | | |
| Evaluator signature | Date | Evaluator signature | Date | Evaluator signature | Date |
| Candidate signature & acknowledgement, Test #1 | | Candidate signature & acknowledgement, Retest #1 | | Candidate signature & acknowledgement, Retest #2 | |
| By my signature below I acknowledge I have read and understood the evaluation results and evaluator comments | | By my signature below I acknowledge I have read and understood the evaluation results and evaluator comments | | By my signature below I acknowledge I have read and understood the evaluation results and evaluator comments | |
| Candidate signature | Date | Candidate signature | Date | Candidate signature | Date |