



Office of Training  
and Certification

# New Jersey Division of Fire Safety

## BASIC PRACTICAL SKILLS EXAMINATION REPORT

Skill sheet #

**IFBE-15**

Certification title

**Industrial Fire Brigade  
Basic Advance Exterior Member  
SKILL REQUIREMENTS – DEPLOYING A  
EXTENSION LADDER - BEAM RAISE**

### Applicant Information

Candidate name

DFS ID #

Course #

### Evaluation

**Standard:  
NFPA 1081,  
Chapter 5.3.11 (B)  
2018 Edition**

**Task**  
While wearing PPE, the brigade member will safely beam raise a ladder with a partner.

**Conditions and Outcome**  
The brigade member shall be provided with an extension ladder, personal protective equipment, and a partner. The candidate shall be able to safely beam raise an extension ladder with a partner.

Number	Task Steps	First Test		Retest #1		Retest #2	
		Pass	Fail	Pass	Fail	Pass	Fail
1	The brigade team beam raise begins with a shoulder or suitcase carry. One member stands near the butt end of the ladder, and the other member stands near the tip.						
2	The brigade member at the butt of the ladder places that end of the ladder on the ground, while the member at the tip of the ladder holds that end.						
3	The brigade member at the butt of the ladder places a foot on the butt of the beam that is in contact with the ground and grasps the upper beam.						
4	The brigade member at the tip of the ladder checks for overhead hazards and then begins to walk toward the butt, while raising the lower beam in a hand-over-hand fashion until the ladder is vertical.						
5	The two brigade members pivot the ladder into position as necessary.						
6	The brigade members face each other, one on each side of the ladder, and heel the ladder by each placing the toe or instep of one boot against the opposing beams of the ladder.						
7	One brigade member extends the fly section by pulling the halyard smoothly with a handover- hand motion until the fly section is at the height desired and the pawls are locked. The other member stabilizes the ladder by holding the outside of the base section beams so that if the fly comes down suddenly it will not strike the brigade members hands.						

<b>8</b>	The brigade member facing the structure places one foot against one beam of the ladder, and then both brigade members lean the ladder into place. The halyard is tied. The brigade members check the ladder for a 75-degree climbing angle and check for stability at the tip and at the butt end of the ladder.						
<b>Final Test Result for Entire Task</b>							

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 #1	
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

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Approved by NJ SME 02/11/2021