

Rio Hondo Community College
Department of Public Safety – Fire Technology
Rio Hondo College Fire Academy

MANIPULATIVE EXAM

EVALUATION

PAGE 1 OF 2

TOPIC: PERFORMING A ONE PERSON 24' REMOVAL AND LADDER EVOLUTION

NAME: _____ **DATE:** _____

RATER: _____ **SCORE:** _____ **TIME:** _____

2ND ATTEMPT: SCORE: _____ **TIME:** _____

INSTRUCTIONS: Remove ladder from apparatus, walk into position, spot and raise ladder appropriately into the designated area. Remove ladder from the building, replace ladder back onto the fire apparatus as found.

NOTE: Time stops when ladder is placed onto apparatus. Cadet will then identify all parts of the ladder.

OPERATIONAL STEPS	PTS. POSS	PTS. 1st Attempt	PTS. 2nd Attempt	COMMENTS
Repeats Order	5			
Addresses ladder	5			At center point of ladder on apparatus
Removes ladder	5			Without contacting apparatus, auto fail
Shoulder Ladder	5			Finds correct balancing point
Forward Ladder	5			
Spot Ladder**	5			“Clear above”
Raise Ladder	5			
Pivot Ladder	5			If necessary
Extend Ladder	5			Proper extension
Dog Ladder	5			“Dogs locked, ladder high”
Lean Ladder	5			
Proper location	5			
Set/Reduce Ladder	5			(if necessary) Looking up
Checks 4 pts and angle	5			
Remove Ladder**	5			“Clear above, clear behind”
Retract Ladder	5			“Dogs unlocked fingers and toes clear”
Lower Ladder**	5			“Clear above, clear behind”
Shoulder Ladder	5			Finds correct balancing point
Replaces ladder	5			Without contacting apparatus, auto fail
Secure Ladder	5			
Uses Proper Commands *	10			
Possible Points: 110	Total			Pass: 85 and above

➤ Ladder Commands = Preparatory commands and execution commands for ladder evolutions.

* Deduct 5 points for 1st improper command, 5 points for 2nd improper command, and fail for 3rd.

** Immediate failure: Not verbalizing safety commands once up, twice down.

*** Immediate failure: Instructor intervention. Loss of control of ladder, halyard, or balance. Making contact with fire apparatus, buildings or fencing.

**** Immediate failure: Failure to meet time standard of four (4) minutes, fifteen (15) seconds.

Instructor Signature: _____

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TOPIC: 24' EXTENSION LADDER PARTS IDENTIFICATION

NAME: _____ **DATE:** _____

RATER: _____ **SCORE:** _____

2ND ATTEMPT: _____ **SCORE:** _____

INSTRUCTIONS: Identify all parts of this 24' extension ladder.

Parts of Ladder	Pts Poss	PTS. 1st Attempt	PTS. 2nd Attempt	COMMENTS
Bed Section Beam	5			
Fly Section Beam	5			
Rungs	10			14" on Center; 1¼" Diameter
Halyard	5			
Pulley	5			
Anchor	5			
Stops	5			
Guides	5			
Heat Sensors	5			
Dogs	5			
Butt	5			
Tip	5			
Possible Points 65	Total			Pass: 55 and above

Instructor Signature: _____