

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

MANIPULATIVE EXAM

EVALUATION

TOPIC: 24' LADDER REMOVAL EVOLUTION

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NAME: _____ **DATE:** _____

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

2ND ATTEMPT - 85% OR GREATER **SCORE:** _____ **TIME:** _____

INSTRUCTIONS: Remove ladder from the apparatus, walk 15 feet into alcove, perform a tight pivot, return ladder to the vehicle, and replace onto the ladder rack safely. After the time stops you will name all of the parts of the ladder.

OPERATIONAL STEPS	PTS POSS	PTS 1 st Attempt	PTS 2 nd Attempt	COMMENTS
Repeat Order	5			
Remove Ladder from Apparatus	5			* Immediate Failure – Loss of control, contacting apparatus with ladder. * Time Starts Now
Uses Proper <i>Commands</i> **	10			
<i>Shoulder Ladder</i>	5			
<i>Forward Ladder</i>	5			
<i>Spot Ladder</i>	5			
<i>Raise Ladder</i>	5			
<i>Pivot Ladder</i>	5			
<i>Lower Ladder</i>	5			
<i>Shoulder Ladder</i>	5			
<i>Forward Ladder</i>	5			
Replace the ladder onto the engine ladder rack in the proper location. "Secure Ladder"	5			* Immediate Failure – Loss of control, contacting apparatus with ladder.
Parts of Ladder				* Time Stops Now
Beams	5			
Rungs	10			14" on Center; 1 1/4" Diameter
Halyard	5			
Pulley	5			
Anchor	5			
Stops	5			
Guides	5			
Heat Sensors	5			
Dogs	5			
Butt	5			
Tip	5			
Possible Points: 125	Total			Fail: Below 94 for 75%
				Fail: Below 106 for 85%

** *Italics are Commands*

- Safety Commands = Overhead Obstructions and visual clarity, and break.
- 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: Loss of control of ladder, halyard, or balance.
- **** Immediate failure: Failure to meet time standard of three (3) minutes.

Instructor Signature: _____