

## LADDER TRUCK CREDIT

Class I - Watertower: An articulating or telescoping boom with a fixed waterway capable of providing a minimum 500 gpm elevated stream. Certification by a nationally recognized testing agency such as Underwriters Laboratories to comply with NFPA 1911, Section 19.10.

Class II - Elevating Platform: A self-supporting, turntable mounted device consisting of a personnel-carrying platform attached to the uppermost boom of a series of power operated booms that articulate, telescope, or both and with a waterway capable of providing a minimum 1,000 gpm elevated stream. Certification by a nationally recognized testing agency such as Underwriters Laboratories to comply with NFPA 1911, Section 19.9.

Class III - Aerial Ladder: A self-supporting turntable mounted power operated ladder of two or more sections permanently attached to a self-propelled automotive fire apparatus and designed to provide a continuous egress route from an elevated position to the ground and with a waterway capable of providing a minimum 1,000 gpm elevated stream. Certification by a nationally recognized testing agency such as Underwriters Laboratories to comply with NFPA 1911, Section 19.8.

Requirement A: Response areas with at least 5 buildings that have a required fire flow of 4,000 gpm or greater, and no height requirement.

Requirement B: Response areas with at least 5 buildings that have a required fire flow of 4,000 gpm or greater and/or 3 stories (-40 feet) in height.

Requirement C: Response areas with at least 5 buildings that have a required fire flow of 4,000 gpm or greater and/or 4 stories (+40 feet) in height.

REQUIREMENT	CLASS I	CLASS II	CLASS III
A	100%	100%	100%
B	25%/50%	50%/75%	100%
C	0	25%/75%	100%

## NOTES

- Note 1. This matrix is a guideline only. The percentages shown should be considered the maximum allowable credit. Engineering judgment may decrease the given percentages based on individual circumstances.
- Note 2. The height of all structures in a municipality or district, including those protected by automatic sprinklers, are considered when determining the number of needed ladder companies.
- Note 3. To be considered as a ladder truck, the apparatus must respond with the equipment listed in NFPA 1901. Preferably, the equipment is to be carried on the ladder truck but an additional service company may carry some residual equipment if designated solely for this purpose and responding always and only with said ladder truck.
- Note 4. Testing of ladder trucks shall be conducted as per NFPA 1911.
- Note 5. The amount of credit granted for a Class II truck in a Requirement C municipality is dependent upon the height of the structures in relation to the maximum height of the elevating platform.
- Note 6. Questionable or “hybrid” trucks need to fulfill the following requirements before consideration as a ladder truck.
1. Compliance with the NFPA 1901 standard in existence at the time of manufacture.
  2. Tested as a ladder truck per NFPA 1911 including preload and nondestructive testing.