

# Items Considered for Grading in Protection Class 1 to Protection Class 8

## EMERGENCY COMMUNICATIONS

This section of the Fire Suppression Rating Schedule reviews the facilities provided for the general public to report structure fires, telecommunicator efficiency in alarm receipt and processing, telecommunicator training/certification, and facilities used to dispatch fire department companies to reported structure fires.

	<u>Credit</u>
1. Section 414, Credit for Emergency Reporting	
This section reviews the facilities provided for the public to report fires, including the listing of fire and business numbers in the telephone directory.	
	<u>3.00</u>
2. Section 422, Credit for Telecommunicators	
This section reviews the number of operators <u>on-duty</u> at the communications center to handle fire calls.	
	<u>4.00</u>
3. Section 432, Credit for Dispatch Circuits	
This section reviews the dispatch circuit facilities used to transmit the alarms to fire department members.	
	<u>3.00</u>
<b>Section 440, TOTAL CREDIT FOR EMERGENCY COMMUNICATIONS:</b>	<b><u>10.00</u></b>

## FIRE DEPARTMENT

This section of the Fire Suppression Rating Schedule reviews the engine and ladder and/or service companies, equipment carried, response to fires, training, and available fire fighters.

	<u>Credit</u>
1. Section 513, Credit for Engine Companies	
This section reviews the number of engine companies and the hose and equipment carried.	
	<u>6.00</u>
2. Section 523, Credit for Reserve Pumpers	<u>0.50</u>
This section reviews the number of reserve pumpers, their pump capacities, and the hose and equipment carried on each.	
3. Section 532, Credit for Pump Capacity	<u>3.00</u>
This section reviews the total available pump capacity.	
4. Section 549, Credit for Ladder Service	<u>4.00</u>
This section reviews the number of ladder and/or service companies and the equipment carried on each.	
5. Section 553, Credit for Reserve Ladder Service	<u>0.50</u>

This section reviews the number of reserve ladder and/or service trucks, and the equipment carried on each.

6. Section 561, Credit for Distribution 10.00

This section reviews the percent of built-upon area which has an adequately equipped, responding first-due engine company within 1-1/2 road miles and an adequately equipped, responding ladder and/or service company within 2-1/2 miles.

7. Section 571, Credit for Company Personnel 15.00+

This section reviews the average number of equivalent fire fighters and company officers on duty with existing companies.

8. Section 581, Credit for Training

This section reviews the training facilities and their use.

9.00

9. Section 730 - Credit for Operational Considerations 2.00

**Section 590, TOTAL CREDIT FOR FIRE DEPARTMENT**

**50.00+**

+ This indicates that credit for manpower is open ended, with no maximum credit for this item.

**WATER SUPPLY**

This section of the Fire Suppression Rating Schedule reviews the water supply system that is available for fire suppression in the city.

Credit

1. Section 616, Credit for the Supply System 30.00

This section reviews the supply works, the main capacity, and hydrant distribution.

2. Section 621, Credit for Hydrant Size, Type, and Installation 3.00

This section reviews the type of hydrants and method of installation.

3. Section 631, Credit for Inspection and Fire Flow Testing of Hydrants 7.00

This section reviews

**Section 640, TOTAL CREDIT FOR WATER SUPPLY**

**40.00**

**COMMUNITY RISK REDUCTION**

This section of the Fire Suppression Rating Schedule reviews efforts towards Fire Prevention, Fire Investigations and Public Fire Safety Education.

Credit

1. Section 1025, Credit for Fire Prevention and Code Enforcement	<u>2.20</u>
This section reviews Fire Prevention staffing, certification and training, inspection and follow-	
2. Section 1033, Credit for Fire Safety Education Programs	<u>2.20</u>
This section reviews qualifications of fire safety educators, Fire Safety Education Programs	
3. Section 1044, Credit for Fire Investigation Programs	<u>1.10</u>
This section reviews qualifications of fire investigators and use of fire incident reporting	
4. Section 1045, Credit for Electronic Records (MSRB Only)	<u>0.50</u>
<b>Section 1050, TOTAL CREDIT FOR COMMUNITY RISK REDUCTION</b>	<b><u>6.00</u></b>

SUMMARY OF CREDIT

<u>Feature</u>	<u>Credit</u>
Receiving and Handling Fire Alarms.....	10.00
Fire Department (Including Operational Consideration).....	50.00
Water Supply.....	40.00
Community Risk Reduction.....	6.00
** Divergence.....	0.00
TOTAL.....	106.00

\*\* Divergence is a mathematical calculation that balances the score of the Fire Department with the score of the Water Supply and adjusts the total score downward to reflect the limiting effect of the less adequate item on the better one.

The Public Protection Classification is based on the total percentage credit as follows:

CLASS

1	90.00+		
2	80.00	to	89.99
3	70.00	to	79.99
4	60.00	to	69.99
5	50.00	to	59.99
6	40.00	to	49.99
7	30.00	to	39.99
8	20.00	to	29.99
9	10.00	to	19.99
10	0.00	to	9.99