



## Engine Equipment Credit

Equipment and Hose	Needed	Points Credit/Unit	Total Points	Percentage of Credit
<b>Booster tank 300 gal or larger</b>	<b>300</b>	1/10	30	5%
<b>15' soft-suction or 20' hard-suction</b>	<b>1</b>	12	12	2%
<b>1½", 1¾", or 2" hose carried 400'</b>	<b>400'</b>	3/50	24	4%
<b>Master stream appliance (1,000 gpm)</b> Equivalent: Portable attack monitor (1,000 gpm)	<b>1</b>	100	100	17%
<b>2½" nozzle with shutoff and 1", 1½", and 1¾" tips</b> Equivalent: Portable attack monitor with solid bore tips	<b>1</b>	20	20	3%
<b>2½" combination spray with shutoff</b> Equivalent: 1 ¾" combo nozzle with shutoff w/ ½" adapter 200 gpm combo nozzle with shutoff Portable attack monitor with fog tip	<b>1</b>	30	30	5%
<b>1½" or 1¾" combination spray with shutoff</b>	<b>2</b>	10	20	3%
<b>SCBA (30-minute minimum)</b>	<b>4</b>	24	96	16%
<b>Extra cylinders (carried)</b>	<b>4</b>	6	24	4%
<b>Salvage covers (minimum size of 12' x 14')</b> Equivalent: 12' X 14' Canvas 12X 14 Rip-Stop 12 X 18 or Larger canvas or rip-stop	<b>2</b>	2	4	1%
<b>Electric handlights</b> Equivalent: 4 volt wet handlight 6 volt dry handlight Rechargeable 6 volt handlight	<b>2</b>	2	4	1%
<b>Hose clamp</b>	<b>1</b>	4	4	1%
<b>Hydrant hose gate (2½")</b> Equivalent: 4-Way valve LDH Manifold Trimese	<b>1</b>	4	4	1%
<b>Gated wye (2½" x 1½" x 1½")</b> Equivalent: Gated wye with 1 ½" reducers Water thief	<b>1</b>	4	4	1%
<b>Radio Mounted</b>	<b>1</b>	32	32	5%
<b>Radio Portable</b>	<b>1</b>	16	16	3%
<b>12' to 16' roof ladder</b>	<b>1</b>	1	10	2%
<b>24' extension or larger ladder</b>	<b>1</b>	16	16	3%
<b>Annual Pump Test</b>	<b>1</b>	100	100	17%
<b>Annual Hose Test</b>	<b>1</b>	50	50	8%



## Ladder/Service Equipment Credit

Equipment	Needed	Points Credit/Unit	Total Points	Percentage of Credit
<b>SCBA (30-minute minimum)</b>	<b>4</b>	24	96	16%
<b>Extra cylinders (carried)</b>	<b>4</b>	6	24	4%
<b>Salvage covers (minimum size of 12' x 14')</b> Equivalent: 12' X 14' Canvas 12X 14 Rip-Stop 12 X 18 or Larger canvas or rip-stop	<b>6</b>	2	12	2%
<b>Electric generator (3,000 watt)</b> Equivalent: Mini Generator floodlight Mini Generator fan PTO Driven Inverter	<b>1</b>	25	25	4%
<b>Portable floodlight (500 watt)</b> Equivalent: Mini Generator floodlight Tripod floodlight	<b>3</b>	4	12	2%
<b>Smoke ejector (5,000 cfm)</b> Equivalent: Mini Generator fan Positive pressure fan Thermal imager device	<b>1</b>	20	20	3%
<b>Portable thermal cutting unit</b> Equivalent: Circular saw with composite blade Hydraulic or pneumatic cutting tool Cutting torch Plasma Cutting tool	<b>1</b>	20	20	3%
<b>Saw – power (chain or heavy-duty rotary type)</b> Equivalent: Chainsaw with carbide tip cutting blade	<b>1</b>	20	20	3%
<b>Electric handlights</b> Equivalent: 4 volt wet handlight 6 volt dry handlight Rechargeable 6 volt handlight	<b>4</b>	2	8	1%
<b>3' or 4' pike pole</b>	<b>2</b>	2	4	1%
<b>6' or longer pike pole</b>	<b>4</b>	2	8	1%
<b>Radio Mounted</b>	<b>1</b>	32	32	5%
<b>Radio Portable</b>	<b>1</b>	16	16	3%
<b>24' extension or larger ladder</b>	<b>1</b>	25	25	4%
<b>16' or longer roof ladder</b>	<b>1</b>	25	25	4%
<b>10' or longer attic ladder</b>	<b>1</b>	4	4	1%
<b>14' combination or longer ladder</b>	<b>1</b>	5	5	1%
<b>Additional Equipment for a Ladder Company</b>				
<b>16' or longer roof ladder</b>	<b>1</b>	25	25	4%
<b>35' extension or larger ladder</b>	<b>1</b>	25	25	4%
Elevated stream device*	<b>1</b>	100	100	17%
Large spray nozzle (1000 gpm)	<b>1</b>	16	16	3%
Aerial ladder/elevating platform	<b>1</b>	200	200	33%
Annual tests	<b>1</b>	50	50	8%

\*Of sufficient height to reach the roof of any building, or 100 feet, whichever is less. The credit shall be prorated if existing equipment has insufficient reach.



## 9S Equipment List

- A tank with at least a 300-gallon capacity.
- Two 200-foot pre-connected hose lines, with a diameter of 1 ½ inches, 1 ¾ inches, or 2 inches, with nozzles that have a minimum flow of 95 GPM.
- At least 20 feet of hard-suction hose in a size to flow the capacity of the engine, or at least 15 feet of soft-suction hose with a diameter of at least four inches.
- Four self-contained breathing apparatus (SCBA) in proper working condition. A SCBA shall be considered in proper working condition if the facepiece, back frame and harness, cylinder, hoses, low air alarms, regulators, and accessories are tested and operational in accordance with manufacturer's recommendations. The SCBA's shall be certified in accordance with NFPA 1981, "Standard on Open-Circuit Self-Contained Breathing Apparatus (SCBA) for Emergency Services."
- Four spare SCBA cylinders.
- One roof ladder at least 12 feet long.
- One extension ladder at least 24 feet long.
- One folding ladder.
- One pike-head axe.
- One flat-head axe.
- One forcible entry tool.
- One pike pole or plaster hook at least 6 feet long.
- Two portable, rechargeable hand lights suitable for use in hazardous conditions in accordance with NFPA 70, "National Electrical Code."
- 100 feet of utility rope, at least ½ inch in diameter.
- Two 20-pound, class BC portable extinguishers.
- One 2½-gallon water extinguisher.
- One first aid kit.
- One bolt cutter at least 14 inches long.
- One two-way radio assigned to the apparatus.
- One traffic vest for each riding position.