

4/2013

**Suggested Equipment Standards and Hourly Rates for Fire Departments
That have an agreement with the Division of Forestry MN/DNR**

After the first two hour rate has expired, needed equipment will be placed on an hourly rate. Equipment standard and rates include personnel; fuel will be furnished by the Fire Department. *The rate will be reduced by 10% for Engines and Water Tenders older than 25 years.*

Engines

| COMPONENTS | Structure Engines | | Wildland Engines | | | | |
|-------------------------------|-------------------|-------|------------------|-------|-------|-------|------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Pump Rating | | | | | | | |
| Min. Flow (GPM) | 1000 | 500 | 150 | 50 | 50 | 50 | 10 |
| At rated pressure (PSI) | 150 | 150 | 250 | 100 | 100 | 100 | 100 |
| Tank Capacity (Gallon) | 300 | 300 | 500 | 750 | 400 | 150 | 50 |
| Hose 2 ½" (Feet) | 1200 | 1000 | | | | | |
| Hose 1 ½" (Feet) | 500 | 500 | 1000 | 300 | 300 | 300 | |
| Hose 1" (Feet) | | | 500 | 300 | 300 | 300 | 200 |
| Personnel | 4 | 3 | 3 | 2 | 2 | 2 | 2 |
| Equipment Rate /Hour | \$275 | \$200 | \$185 | \$165 | \$140 | \$125 | \$85 |

**Engines equipped with Compressed Air Foam Systems will be paid an additional \$20 an hour if CAFS is used on the incident.*

Water Tenders

| Requirements | Water Tender Types | | | | |
|---------------------------------|--------------------|-------|-------|----------|-------|
| | Support | | | Tactical | |
| | S1 | S2 | S3 | T1 | T2 |
| COMPONENTS | | | | | |
| Tank Capacity (Gallons) | 4000 | 2500 | 1000 | 2000 | 1000 |
| Pump Minimum Flow (GPM)* | 300 | 200 | 200 | 250 | 250 |
| @ Rated Pressure (PSI) | 50 | 50 | 50 | 150 | 150 |
| Max Refill times (Min.) | 30 | 20 | 15 | - | - |
| Pump & Roll | - | - | - | yes | yes |
| Personnel | 1 | 1 | 1 | 2 | 2 |
| Equipment Rate /Hour | \$200 | \$160 | \$140 | \$230 | \$190 |

*Portable Pump Acceptable with tenders

* Water tenders come with folding tanks

Additional Firefighters use a rate of \$15.00/hr

Minimum Requirements for Personnel Responding to Incidents on National Forest System Lands

All firefighting personnel are required to wear and utilize the following Personal Protective Equipment: Nomex shirt and pants, hard hat, leather gloves, 8 inch boots with a lugged sole and an approved fire shelter. All personnel will be required to meet NWCG training requirements for a wildland firefighter, and attend an annual wildland refresher. Fire Chiefs will ensure Departments meet training requirements and are responsible for the upkeep of Department personnel training records. Physical fitness levels are established by each agency. Departments will meet their own physical fitness standards.

When **responding to Federal Lands Engines and Water tenders will need to meet the NWCG component standards** and are recommended to meet NWCG stocking standards (appendix M). Appendix M is located at <http://www.nifc.gov/PUBLICATIONS/redbook/2013/AppendixM.pdf>.

Other Resources

- **Non-Vehicle Items used for support missions will be based on a daily rate**

| MODEL/DESCRIPTION | Min. # of Operators | Rate | | |
|---|----------------------------|----------------------|--|---|
| | | | | |
| Tracked Vehicles | 2 | based on size | | Use rate charts from Engine typing |
| UTV w/tank (tactical) *ROPS required | 1 | \$50/hr + | | based on tank size 31-50 gal= \$50 hr 51-75+ gal= \$60 hr |
| ATV (support) | 1 | \$100/day | | |
| Boat (must have pump and roll capabilities and used for tactical missions) | 2 | negotiated | | based on size and pumping capabilities |
| Boat (support) | 1 | \$75/day + | | based on size 14'=\$75/day 16-17'=\$150/day 18+= \$175/day |
| Portable Pump (high volume or pressure) | 0 | \$200/day | | |
| Folding Tank | 0 | \$75/day+ | | *based on size 1000-2000= \$75/day 2000+= \$100/day |
| Thermal Camera | 1 | \$300/day | | |

Rates for non-vehicle equipment (such as boats, ATV's and folding tanks, etc.) will be based on a daily rate. Boats capable of tactical missions (pump and roll capabilities) are an exception and will be based on an hourly rate.

Tracked vehicles should use a rate for capacities based on Engine type.