

## Engine Equipment Inventory

Category	Item Description	NFES #	Type	
			3,4&5	6
Fire Tools & Equipment	McLeod	0296	1	1
	Combination Tool	0346	1	1
	Shovel	0171	3	2
	Pulaski	0146	3	2
	Backpack Pump	1149	3	2
	Fusees (case)	0105	1	½
	Foam, concentrate, Class A (5-gallon)	1145	1	1
	Chain Saw (and Chaps)		1	1
	Chain saw Tool Kit	0342	1	1
	Drip Torch	0241	2	1
	Portable Pump		*	*
Medical	First Aid Kit, 10-Person	0068	1	1
	Burn Kit		1	1
	Body Fluid Barrier Kit	0640	1	1
General Supplies	Flashlight, general service	0069	1	1
	Chock blocks		1	1
	Tow Chain or Cable	1856	1	1
	Jack, hydraulic (comply w/GVW)		1	1
	Lug Wrench		1	1
	Pliers, fence		1	1
	Food (48 hour supply)	1842	1	1
	Rags	3309	*	*
	Rope/Cord (feet)		50	50
	Sheeting, plastic, 10' x 20'	1287	1	1
	Tape, Duct	0071	1	1
	Tape, filament (roll)	0222	2	2
	Water (gallon/person) minimum		2	2
	Bolt Cutters		1	1
	Toilet Paper (roll)	0142	*	*
	Cooler or Ice Chest	0557	*	*
	Hand Primer, Mark III	0145	*	*
	Hose Clamp	0046	2	2
	Gaskets (set)		1	1
	Pail, collapsible	0141	1	1
Hose Reel Crank		*	*	

## Engine Equipment Inventory, cont.

Safety	Fire Extinguisher	2143	1	1
	Flagging, lime green (roll)	0258	*	*
	Flagging, yellow w/black stripes (roll)	0267	*	*
	Fuel Safety Can (OSHA, metal 5 gallon)	1291	*	*
	Reflector Set		*	*
Vehicle & Pump Support	General Tool Kit (5180-00-177-7033/GSA)		1	1
	Oil, automotive, quart		4	2
	Oil, penetrating can		1	1
	Oil, automatic transmission, quart		1	1
	Brake Fluid, pint		1	1
	Filter, gas		1	1
	Fan belts		1	1
	Spark plugs		1	1
	Hose, air compressor w/adapters		1	0
	Fuses (set)		1	1
	Tire Pressure Gauge		1	1
	Jumper Cables		1	1
	Battery Terminal Cleaner		*	*
	Tape, electrical, plastic	0619	1	1
	Tape, Teflon		1	1
Radio	Portable		1	1
	Mobile		1	1
	Batteries (for portable radio)		2	2
Personal Gear (Extra Supply)	File, mill bastard	0060	*	*
	Head Lamp	0713	1	1
	Hard Hat	0109	1	1
	Goggles	1024	2	2
	Gloves		*	*
	First Aid Kit, individual	0067	1	1
	Fire Shirt		*	*
	Fire Shelter w/case & liner	0169	2	1
	Packsack	0744	2	1
	Batteries, headlamp (pkg)	0030	6	4
	Ear Plugs (pair)	1027	3	3
	Dust Mask	0131	6	4

## Engine Equipment Inventory, cont.

Hose	Booster (feet/reel)	1220	100	100
	Suction (length, 8' or 10')		2	2
	1" NPSH (feet)	0966	300	300
	1½" NH (feet)	0967	300	300
	¾" NH, garden (feet)	1016	300	300
	1½" NH, engine protection (feet)		20	20
	1½" NH, refill (feet)		15	15
Nozzle	Forester, 1" NPSH	0024	3	2
	Adjustable, 1" NPSH	0138	4	2
	Adjustable, 1½" NH	0137	5	3
	Adjustable, ¾" NH	0136	4	2
	Foam, ¾" NH	0627	1	1
	Foam, 1½" NH	0628	1	1
	Mopup Wand	0720	2	1
	Tip, Mopup Wand	0735	4	2
	Tip, forester nozzle, fog	0903	*	*
	Tip, forester nozzle, straight stream	0638	*	*
Wye	1" NPSH, Two-Way Gated	0259	2	1
	1½" NH, Two-Way Gated	0231	4	2
	¾" NH w/Ball Valve, Gated	0739	6	4
Adapters	1" NPSH-F to 1" NH-M	0003	*	*
	1" NH-F to 1" NPSH-M	0004	1	1
	1½" NPSH-F to 1½" NH-M	0007	1	1
	1½" NH-F to NH-F to 1½" NPSH-M	0006	*	*
Increasesers	¾" NH-F to 1" NPSH-M	2235	1	1
	1" NPSH-F to 1½" NH-M	0416	2	1
Coupling	1" NPSH, Double Female	0710	1	1
	1" NPSH, Double Male	0916	1	1
	1½" NH, Double Female	0857	2	2
	1½" NH, Double Male	0856	1	1
Reducer/ Adapters	1" NPSH-F to ¾" NH-M	0733	3	3
	1½" NH-F to 1" NPSH-M	0010	6	4
	2" NPSH-F to 1½" NH-M	0417	*	*
	2½" NPSH-F to 1½" NH-M	2229	*	*
Reducer	1½" NH-F to 1" NH-M	0009	1	1

**Appendix D**

**Engine Equipment Inventory**

	2.5" NH-F to 1½" NH-M	2230	1	1
Tee	1" NPSH-F x 1" NPSH-M x 1" NPSH-M w/cap	2240	2	2
	1½" NH-F x 1½" NH-M x 1" NPSH-M w/cap	0731	2	2
	1½" NH-F x 1½" NH-M x 1" NPSH-M w/valve	0230	2	2
Valve	1½" NH-F, Automatic Check and Bleeder	0228	1	1
	¾" NH, Shut Off	0738	5	5
	1" Shut Off	1201	1	1
	1½" Shut Off	1207	1	1
	Foot w/strainer		1	1
Ejector	1" NPSH x 1½" NH x 1½" NH, Jet Refill	7429	*	*
Wrench	Hydrant, adjustable, 8"	0688	1	1
	Spanner, 5", 1" to 1½" hose size	0234	4	1
	Spanner, 11", 1½" to 2½" hose size	0235	2	2
	Pipe, 14"	0934	1	1
	Pipe, 20"		1	1
Engine	Fireline Handbook	0065	1	1
	Belt Weather Kit	1050	1	1
	Binoculars		1	1
	Map Case w/map		1	1
	Inventory List		1	1
	Standards for Fire and Aviation Operations		1	1

\* No minimums - carried by engine as an option, within weight limitations.

**Job Hazard Analysis**

U.S. Department of Interior Bureau of Indian Affairs	1. WORK PROJECT/ACTIVITY ATV use for Fireline Operations	2. LOCATION	3. UNIT
JOB HAZARD ANALYSIS (JHA)  (Instructions on Reverse)	4. NAME OF ANALYST	5. JOB TITLE	6. DATE PREPARED
7. TASKS/PROCEDURES	8. HAZARDS	9. ABATEMENT ACTIONS Engineering Controls * Substitution * Administrative Controls * PPE	
Travel to and from Fireline	Personal Injury  Rolling ATV/UTV	Always drive at a speed appropriate for environmental conditions Never travel with more than one person on ATV Always wear PPE which includes DOT approved helmet, eye protection, gloves, and leather boots	
Carrying Equipment and Gear to Fireline	Personal Injury  Rolling ATV/UTV	Load weights shall not exceed manufacturers specifications on front and back racks Loads shall be mounted and secured as to not affect the center of gravity on the ATV/UTV Loads shall extend beyond the width of the ATV/UTV	
Pre-ride Inspection	ATV/UTV Malfunction	Before riding always perform a T-C-L-O-C Tires Controls, Clutch, Brake, Throttle Lights Oil, Fuel, and other lubrication points Chassis, Suspension, Lugs, Nuts, and Bolts	
Loading and Unloading ATV	Personal Injury Rolling ATV	Always wear PPE when loading and unloading ATV/UTV Secure ramp or trailer to limit slip of loading platform Use ramp wide enough for entire ATV	
	Ankle & Knee Injury	Keep feet on foot pegs when machine is in motion If ATV/UTV begins to roll, keep legs and feet away from getting under ATV/UTV	

Revised Date: January 2009

Appendix D-2

**ATV Job Hazard Analysis****Appendix D**

Transporting ATV/UTV in Pickup	Equipment Damage	Secure ATV/UTV with four straps, 1 on one each corner Put ATV/UTV in gear, and set park brake Close tailgate prior to travel
Transporting ATV/UTV on Trailer	Equipment Damage	Use trailer with adequately rated capacity to haul ATV(s)/UTV Secure ATV/UTV with four straps, 1 on each corner Put ATV/UTV in gear, and set park brake Use spotter when backing
Inspection and Hook-up of Trailer	Equipment Damage	Ensure receiver hitch on truck and receiver on trailer have same size ball Check trailer lights for brakes, turn signals, and lights Properly attach safety chains Grab tires and shake to check for play in hubs Check mirrors on tow vehicle to ensure sight around sides of trailer
10. LINE OFFICER SIGNATURE		11. TITLE
		12. DATE