

INTERAGENCY ENGINE AGREEMENT

INITIAL ENGINE INSPECTION FORM

PASS
FAIL
STATION

| | | | | |
|---|---|---|---|---|
| | | | | |
| 1 | 2 | 3 | 4 | 5 |

SIGNED _____

ENGINE MEETS ALL REQUIREMENTS FOR AWARD CONSIDERATION: YES _____ NO _____

SIGNED _____ DATE _____

RE-INSPECTION: (Scheduled at the discretion of the government) see C-4 4.1

ENGINE MEETS ALL REQUIREMENTS FOR AWARD CONSIDERATION: YES _____ NO _____

DATE _____ TIME: _____ INSPECTOR: _____

REMARKS _____

CONTRACTOR: _____ DATE _____

GOVERNMENT REPRESENTATIVE _____ DATE _____

INSPECTION LOCATION _____

AGENCY _____

INITIAL ENGINE INSPECTION FORM

STATION 1

LEAD INSPECTOR _____ ASSISTANT _____
CONTRACTOR _____ PHONE NUMBER _____
ADDRESS _____
CITY _____ STATE _____ ZIP CODE _____
ICS ENGINE TYPE (4-7) _____ VIN NUMBER _____ LICENSE NO _____
YEAR _____ MAKE _____ MODEL _____ 4X4 _____ 6X6 _____ MILEAGE _____
TYPE OF PUMP: PTO _____ AUX _____ SERIAL NO _____ TANK SIZE _____ GALLONS _____
MAKE _____ MODEL _____ RATED CAPACITY (GPM) _____
ENGINE MEETS LICENSING REQUIREMENTS: YES _____ NO _____ USDOT NO. _____
OPERATOR MEETS LICENSING REQUIREMENTS: YES _____ NO _____
LICENSE NO: _____ CDL _____ MEDICAL CARD _____

STATION 2

LEAD INSPECTOR _____ ASSISTANT _____
ASSISTANT _____ ASSISTANT _____

ENGINE WEIGHT

INSPECTOR _____

1. MANUFACTURES GROSS VEHICLE WEIGHT _____
2. FRONT AXLE RATING _____ FULLY LOADED WEIGHT _____
3. REAR AXLE RATING _____ FULLY LOADED WEIGHT _____
4. CERTIFIED WEIGHT TICKET OF FULLY LOADED VEHICLE _____ LBS
(NOTE: ENGINE WILL BE WEIGHED FULLY LOADED - WITHOUT OPERATOR - FILLERS, SPACERS, OR OVER FLOW DEVICES IN TANKS ARE NOT PERMITTED)

*ADDITIONAL WEIGHT TO BE FACTORED IN TOTAL GVW:

5. Type 3 - 5 **Engine Boss + 2 crew people** (750 LBS) _____ LBS
Type 6 **Engine Boss + 1 crew person** (500 LBS) _____ LBS
 6. ADDITIONAL CREW PERSON - WEIGHT FULLY EQUIPPED @250 LBS _____ LBS
 7. ADDITONAL FUEL TO OPERATE PUMP AND ENGINE FOR 12 HOURS (MIN.5 GALLONS) _____ LBS
 8. FOAM: IF ENGINE HAS FOAM CAPABILITIES (MIN. 5 GALLONS) _____ LBS
 9. TOTAL ADDITIONAL WEIGHT TO BE ADDED TO FULY LOADED WEIGHT OF VEHICLE (+5THRU9) _____ LBS
 10. ADJUSTED GROSS VEHICLE WEIGHT (4+9) TOTAL _____ LBS
- MANUFACTURES GVW GREATER THAN ADJUSTED GVW (1-10) YES _____ NO _____ AMOUNT _____ LBS**

INITIAL ENGINE INSPECTION FORM (CONT.)

STATION 3

LEAD INSPECTOR _____ ASSISTANT _____
 ASSISTANT _____ ASSISTANT _____

ACCESSORIES: (IF PUMP POWERED BY AUXILIARY ENGINE)

| | YES | NO | INSPECTOR |
|---|-----|----|-----------|
| WRENCH (adjustable) 10" | | | |
| WRENCH (spark plug) | | | |
| 1 PLIERS (slip joint) 6" | | | |
| 2 QUARTS OIL | | | |
| 1 SCREWDRIVER (blade type) 4" | | | |
| 1 SCREWDRIVER (Phillips) 4" | | | |
| 2 STARTER ROPES | | | |
| 1 GREASE GUN WITH GREASE | | | |
| SPARK PLUGS (sufficient number to replace all plugs) | | | |
| MINIMUM ENGINE INVENTORY | | | |
| 4 NOZZLES: COMBINATION FOG/STRAIGHT STREAM 1" | | | |
| 24' SUCTION HOSE WITH STRAINER OR SCREENED FT. VALVE | | | |
| 2 SHOVELS, SIZE 0 | | | |
| 2 PULASKIS | | | |
| 1 SPANNER WRENCH, COMINATION 1'-1½" | | | |
| 4 GATED WYES, 1½" NH | | | |
| 4 REDUCERS, 1½" NH FEMALE TO 1" NPSH MALE | | | |
| 2 ADAPTERS ¼ TURN TO 1½" NH (1 FEMALE, 1 MALE) | | | |
| 2 ADAPTERS 1½" NPSH FEMALE TO 1½" NH MALE | | | |
| 2 ADAPTERS 1½" NH FEMALE TO 1½" NPSH MALE | | | |
| 2 INCREASERS 1" NPSH TO 1½" NH | | | |
| 1 DOUBLE MALE 1" NPSH | | | |
| 1 DOUBLE FEMALE 1" NPSH | | | |
| 1 DOUBLE MALE 1½" NH | | | |
| 1 DOUBLE FEMALE 1½" NH | | | |
| 1 FIRE HOSE CLAMP | | | |
| 2 BACKPACK PUMPS | | | |
| 1 GALLON CONTAINER FOR DRINKING WATER | | | |
| 1 FIRST AID KIT (5 person) | | | |
| 3 HEADLAMPS WITH BATTERIES | | | |
| REFLECTORS (1 set of 3) | | | |
| FIRE EXTINGUISHER (4bc or better) | | | |
| WHEEL CHOCKS | | | |
| 1 FIELD PROGRAMMABLE RADIO WITH BATTERIES AND PROGRAMMING CABLE | | | |
| FUEL TO OPERATE PUMP AND ENGINE FOR 12 HOURS (minimum 5 gallons) | | | |
| 1 CHAIN SAW WITH 24 INCH BAR AND ACCESSORIES | | | |
| PERSONAL PROTECTIVE EQUIPMENT | | | |
| FIRE SHELTERS (1 per person) NFPA APPROVED* | | | |
| 1 CANTEEN-1QT. MINIMUM PER PERSON* | | | |
| BOOTS, LEATHER LACE UP WITH LUG SOLE, 8" TOPS | | | |
| HARDHAT, PLASTIC 1 PER PERSON OSHA APPROVED | | | |
| GLOVES, LEATHER, 1 PAIR PER PERSON | | | |
| GOGGLES, 1 PAIR PER PERSON | | | |
| FLAME RESISTANT CLOTHING (shirt & trousers, one additional set for each 2 people) | | | |

*DESIGNATES PERSONAL PROTECTIVE EQUIPMENT THAT WILL BE INSPECTED AT INITIAL INSPECTION

INITIAL ENGINE INSPECTION FORM (CONT.)

STATION 4

LEAD INSPECTOR _____
 ASSISTANT _____

ASSISTANT _____
 ASSISTANT _____

ENGINE INSPECTION CHECKLIST

| | Yes | No | Inspector |
|--|-----|----|-----------|
| TIRE LOAD RATINGS IN ACCOURDANCE WITH VEHICLE GVWR | | | |
| ALL SEASON M&S TREAD WITH MINIMUM 3/32" TREAD | | | |
| ENGINE WITH 4 WHEEL DRIVE - M&S TIRES ON ALL WHEELS | | | |
| ENGINE WITH 6 WHEEL DRIVE - M&S TIRES ON ALL WHEELS | | | |
| FULL SIZE SPARE TIRE AND WHEEL WITH MINIMUM 3/32" TREAD | | | |
| LIGHTS AND TURNING SIGNALS MUST BE IN WORKING ORDER. | | | |
| BUMPER/REAREND PROTECTION AS REQUIRED (Federal Motor Carrier Safety Regulation 393.86) | | | |
| ENGINE COMPARTMENT | | | |
| COOLING SYSTEM. CHECK RADIATOR AND HOSES. | | | |
| ENGINE. CHECK FOR KNOCKS AND LEAKS. | | | |
| BATTERY. CHECK FOR CORROSION ON TERMINALS | | | |
| OIL LEVEL AND CONDITION. CLEAN AND FULL. | | | |
| VEHICLE CAB | | | |
| SEAT BELTS FOR ALL OCCUPANTS. | | | |
| BACKUP ALARM | | | |
| STEERING, OVER 3" PLAY, CHECK TIE ROD ENDS, CHECK LINKAGE | | | |
| CLUTCH. PROPER ADJUSTMENT, ?" FREE TRAVEL | | | |
| BRAKES, FOOT AND HAND, MUST HOLD FIRM. | | | |
| GAUGES MUST BE IN WORKING ORDER. | | | |
| HORN MUST BE IN WORKING ORDER. | | | |
| MIRRORS MUST BE IN WORKING ORDER. | | | |
| WASHERS & WIPERS MUST BE IN WORKING ORDER. | | | |
| UNDER CARRAIGE | | | |
| TRANSMISSION. CHECK FOR LEAKS. | | | |
| DRIVE LINE & DIFFERENTIAL & TRANSFER CASE. CHECK FOR LEAKS AND LOOSENESS. | | | |
| 4 WHEEL DRIVE. CHECK GEAR BOXES, LEAKS. | | | |
| SPRINGS AND SHOCKS, CHECK HANGERS. CHECK FRAME FOR CRACKS. CHECK OVERLOADS AND PADS. | | | |
| LUBRICATION. DRY FITTINGS. | | | |
| EXHAUST SYSTEM. CHECK FOR LEAKS. | | | |
| FUEL SYSTEM. CHECK FOR LEAKS. FULL TANK OF FUEL. | | | |
| WATERTANK SECURELY ATTACHED TO FRAME OR BED OF TRUCK. | | | |

ENGINE CONDITION

GLASS (CHIPS/CRACKS) - BODY CONDITION (DENTS/SCRATCHES) - BUMPERS (SECURE)

INITIAL ENGINE INSPECTION FORM (CONT.)

STATION 5

LEAD INSPECTOR _____ ASSISTANT _____
 ASSISTANT _____ ASSISTANT _____

SPECIFIC REQUIREMENTS

1½"NH VALVE, DISCHARGE VALVES ARE FULL FLOW RAPID SHUT OFF: YES _____ NO _____
 HOSE, 1½" AS REQUIRED IN APPENDIX "G" _____ FEET
 HOSE, 1" AS REQUIRED IN APPENDIX "G" _____ FEET

PROPORTIONING SYSTEM

FOAM PROPORTIONER SYSTEM OPERATIONAL YES _____ NO _____
 AMOUNT OF FOAM CARRIED ON ENGINE (MINIMUM 5 GALLONS) _____ GALLONS

CAFS SYTEM

COMPRESSED AIR FOAM SYSTEM OPERATIONAL YES _____ NO _____
 COMPRESSOR RATING _____ CUBIC FEET PER MINUTE
 AMOUNT OF FOAM CARRIED ON ENGINE (MINIMUM 5 GALLONS) _____ GALLONS

WATER TANK

TANK CAPCITY _____ GALLONS
 TANK CAPCITY DOES NOT EXCEED MAXIMUM GALLONS
 TYPE 4-5 (1500 GALLONS) TYPE 6-7 (499 GALLONS)

PUMP

PUMP SHALL MEET MINIMUM PUMPING CAPABILITIES FOR ENGINE SIZE AS DESIGNATED IN APPENDIX G:
 YES _____ NO _____ GPM RATING _____

PRESSURE KILL SWITCH OPERATIONAL YES _____ NO _____

PUMP AND ROLL CAPABILITIES: YES _____ NO _____

DRAFT WATER THROUGH AN OVERBOARD SUCTION CONNECTION FROM WATER SOURCE 10' VERTICAL
 DISTANCE BELOW THE PUMP HEAD THROUGH THE REQUIRED SUCTION HOSE:

YES _____ NO _____
 (OR) PORTABLE PUMP CAPABLE OF FILLING ENGINE IN A REASONABLE AMOUNT OF TIME MY
 BE SUBSTITUTED: YES _____ NO _____

| MINIMUM STANDARDS FOR TYPE ENGINE | | | | |
|-----------------------------------|------|------|------|------|
| COMPONENTS | 4 | 5 | 6 | 7 |
| PUMP CAPCITY (GPM) | 70 | 50 | 50 | 20 |
| TANK CAPCITY (GALLONS) | 750 | 500 | 200 | 125 |
| HOSE, 1½" | 300' | 300' | 300' | 200' |
| HOSE, 1" | 300' | 300' | 300' | 200' |
| METHOD OF TESING ENGINES | | | | |
| COMPONETS | 4 | 5 | 6 | 7 |
| GPM | 70 | 50 | 50 | 20 |
| TIP | ½" | 3/8" | 3/8" | ¼" |
| PSI (NOZZLE) | 90 | 147 | 147 | 117 |