



Underwriters Laboratories Inc.®

333 PFINGSTEN ROAD • NORTHBROOK, ILLINOIS 60062

CERTIFICATE NUMBER

012549

ISSUE DATE

Oct. 20, 2000

CERTIFICATE OF AUTOMOTIVE FIRE APPARATUS EXAMINATION & TEST

This is to certify that the apparatus identified below was examined and tested by Underwriters Laboratories Inc. and found to comply with NFPA Standard 1901, "Automotive Fire Apparatus" 1996 Edition, Section(s) 12-13 and 9-14

DESTINATION: Yakima Fire Dept.

MANUFACTURER: Central States Fire Apparatus, LLC

MFR. MODEL NO.: MS1500

SERIAL NO.: 1220100

YEAR: 2000

CHASSIS MANUFACTURER	MODEL NUMBER	SERIAL NUMBER
HME	1871	44KFT4287YWZ19248
ENGINE MANUFACTURER	MODEL NUMBER	SERIAL NUMBER
Cummins	ISM	35007004
TRANSMISSION MANUFACTURER	MODEL NUMBER	SERIAL NUMBER
Allison	HD-4060	661006264
AERIAL MANUFACTURER	MODEL NUMBER	SERIAL NUMBER
N/A	N/A	N/A

AERIAL LADDER / ELEVATING PLATFORM / WATER TOWER

Rated Vertical Height: N/A ft. Rated Capacity at Maximum Horizontal Reach N/A lbs. Certificate Type

Complete Test results are recorded in Underwriters Laboratories, Inc. Report No.

FIRE PUMP

RATED CAPACITY 1500 GPM

TEST CONDITIONS: Barometric Pressure 30.00 in. Hg. Temp. 49 F; Elevation 1451 ft.;

SUCTION HOSE NO. 1: Size 6 in.; Length 20 ft.; Pump elevation above water source 6 ft.

SUCTION HOSE NO. 2: Size 6 in.; Length 20 ft.

PUMP MANUFACTURER		MODEL NUMBER				SERIAL NUMBER		
Darley		N-1500				75184		
TEST CONDITIONS	PUMP CONTROL POSITION	FLOW GPM	DISCHARGE PRESSURE PSI	SUCTION ALLOWANCE PSIG (NEG.)	NET PUMP PRESSURE PSI	PUMP SPEED RPM	ENGINE SPEED RPM	GEAR RATIO ENGINE TO PUMP
CAPACITY 150 PSI - 2 HRS	Single Stage	1500	147	3	150	3745	1535	1:2.44
OVERLOAD 165 PSI - 10 MIN	Single Stage	1500	162	4	166	3901	1599	1:2.44
70% CAPACITY 200 PSI - 30 MIN	Single Stage	1051	197	3	200	3809	1561	1:2.44
50% CAPACITY 250 PSI - 30 MIN	Single Stage	750	248	2	250	4146	1699	1:2.44

Automatic Pressure Control Test: Max. Increase 28 psi Vacuum Test: 8 in. Hg. drop in 5 minutes

Pump Location Midship

Water Tank Capacity 500 Gal.; Tank Flow Test: 433 Gal. discharged at 500 gpm

Time to prime 24 s

REMARKS

Not Valid Unless Countersigned

UNDERWRITERS LABORATORIES, INC.

Signed:

J.J. RITCHIE
Vice President
Laboratory Management and Operations