



March 28, 2017

US Fire Pump
3101 SW 34th Avenue, #905-195
Ocala, FL 34474

Our Reference Project: R3008 Adjunct

Subject: Verification of Pumping Capacity

Dear Mr. Nawrocki,

UL was requested to perform adjunct pump verification testing on Skid Unit R3008. The examination and tests covered under our Reference No. R3008 Adjunct were conducted at Ferrara Fire Apparatus, Inc. on 03/23/2017. The testing was conducted in accordance with the scope of work provided by US Fire Pump.

The enclosed Report outlines the tests conducted, the methods used, and the results of such tests. No UL Certificate will be issued based upon this adjunct test at your facility. This letter report concludes our work on this adjunct testing project.

If you should have any questions or comments concerning this investigation, please do not hesitate to contact UL.

Regards,

Christopher S. Alleman

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Client - US Fire Pump
3101 SW 34th Avenue, #905-195
Ocala, FL 34474

Test Date - 03/23/2017

Unit Mfr. - US Fire Pump

Model - R3008

Serial No. - R3008

Year - 2017

Engine - Volvo Penta

Engine Serial No. - TAD1643VE

Pump Mfr. - US Fire Pumps

Rated Capacity - 6250 GPM

Model - HVP6250

Serial No. - 2016083002

Gear Ratio - 1:1.5

Examination and Tests by - Chris Alleman

Examination and Tests

CONDITIONS AT THE TEST SITE:

Ambient Air Temperature: 73°F

Elevation of Test Site: 36 ft.

Barometric Pressure: 30.10 in. Hg

T E S T R E C O R D N O. 1

FLOW TEST 6250 GPM AT 150-PSI:

The pump operated at 150 PSI for 10 minutes, results are provided in the table below:

Flow GPM	Discharge Pressure PSI	Suction Allowance (in. Hg.)	Net Pump Pressure PSI	Engine Speed RPM	Pump Speed RPM
6253	148	3	151	1475	2213

FLOW TEST 5800 GPM AT 175-PSI:

The pump operated at 175 PSI for 10 minutes, results are provided in the table below:

Flow GPM	Discharge Pressure PSI	Suction Allowance (in. Hg.)	Net Pump Pressure PSI	Engine Speed RPM	Pump Speed RPM
5830	174	3	177	1506	2260

FLOW TEST 5000 GPM AT 200-PSI:

The pump operated at 200 PSI for 10 minutes, results are provided in the table below:

Flow GPM	Discharge Pressure PSI	Suction Allowance (in. Hg.)	Net Pump Pressure PSI	Engine Speed RPM	Pump Speed RPM
5040	200	2	202	1600	2400