

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 2016 MODEL YEAR CERTIFICATE OF CONFORMITY WITH THE CLEAN AIR ACT

OFFICE OF TRANSPORTATION AND AIR QUALITY ANN ARBOR, MICHIGAN 48105

Certificate Issued To: Roush Industries, Inc.

(U.S. Manufacturer or Importer)

Certificate Number: GRIIE06.8BWL-001

 $\frac{\textbf{Effective Date:}}{03/21/2016}$

Expiration Date: 12/31/2016

Issue Date: 03/21/2016

 $\frac{\text{Revision Date:}}{N/A}$

Model Year: 2016

Manufacturer Type: Alternative Fuels Converter

Engine Family: GRIIE06.8BWL

Intended Service Class: Heavy-Duty Otto Cycle engines for all vehicles (certified for vehicles above

14,000 lbs GVWR)

Fuel Type: Liquefied Petroleum Gas

The converted Engine Family was certified to the following applicable standards:

Standards (g/hp-hr):

CO: 14.4 NMHC: 0.14 NOx: 0.2 PM: 0.01 Intended Engine Application: Vocational

Primary Test Configuration Transient Duty Cycle:

Byron J. Bunker, Division Director

Compliance Division

CO2 FCL value (g/hp-hr): null CO2 FEL value (g/hp-hr): 646 N2O FEL value (g/hp-hr): 0.1 CH4 FEL value (g/hp-hr): 0.1

Engine Family(s) Covered Original Engine Manufacturer:

Original Engine Family(s): GFMXE06.8BW6

Pursuant to section 206 of the Clean Air Act (42 U.S.C.7525) and 40 CFR Parts 85, 86, and 1036, as applicable, this certificate of conformity is hereby issued with respect to test vehicles which have been found to conform to the requirements of the regulations on Control of Air Pollution from New Motor Vehicles and New Motor Vehicle Engines (40 CFR Parts 85, 86, and 1036 as applicable) and which represent the new motor vehicle models listed above by test group and evaporative/refueling emission family, more fully described in the application of the above named manufacturer. Vehicles covered by this certificate have demonstrated compliance with the applicable emission standards as more fully described in the manufacturer's application. This certificate covers the above models, which are designed to meet the applicable emission standards specified in 40 CFR Parts 85, 86, and 1036 as applicable at both high and low altitude as applicable.

EPA is issuing this certificate subject to the conditions and provisions of 40 CFR Parts 85, 86, and 1036 as applicable.

This certificate covers only those vehicles/engines which conform, in all material respects, to the design specifications that apply to those vehicles or engines described in the documentation required by 40 CFR Parts 85, 86, and 1036 as applicable.

This certificate is issued subject to the conditions specified in 40 CFR 80.24. Catalyst-equipped vehicles designed to be operated on gasoline or flexible fuel, otherwise covered by this certificate, which are driven outside the United States, Canada, Mexico, Japan, Australia, Taiwan and the Bahama Islands will be presumed to have been operated on leaded fuel resulting in deactivation of the catalysts. If these vehicles are imported or offered for importation without retrofit of the catalyst, they will be considered not to be within the coverage of this certificate unless included in a catalyst control program operated by manufacturer or a United States Government Agency and approved by the Administrator.



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OFFICE OF TRANSPORTATION AND AIR QUALITY ANN ARBOR, MICHIGAN 48105

Certificate Issued To: Roush Industries, Inc.

(U.S. Manufacturer or Importer)

Certificate Number: GRIIF0265LPG-001

Effective Date: 04/11/2016

Expiration Date: 12/31/2016

Byron J. Bunker, Division Director

Compliance Division

04/11/2016 **Revision Date:** N/A

Issue Date:

EPA Evaporative Family Name: GRIIF0265LPG

Emission Certification Category: Heavy-Duty Highway Evaporative

Pursuant to Section 206 of the Clean Air Act (42 U.S.C. section 7525) and 40 CFR Part 86, and subject to the terms and conditions prescribed in those provisions, this certificate of conformity is hereby issued with respect to the vehicles which represent the evaporative family, more fully described in the application of the above named manufacturer and produced in the stated model year.

This certificate of conformity covers only those new motor vehicles which conform, in all material respects, to the design specifications that applied to those vehicles described in the documentation required by 40 CFR Part 86 and which are produced during the model year production period stated on this certificate of the said manufacturer, as defined in 40 CFR Part 86.

It is a term of this certificate that the manufacturer shall consent to all inspections described in 40 CFR Parts 86 and authorized in a warrant or court order. Failure to comply with the requirements of such a warrant or court order may lead to revocation or suspension of this certificate for reasons specified in 40 CFR Part 86. It is also a term of this certificate that this certificate may be revoked or suspended or rendered void ab initio for other reasons specified in 40 CFR Part 86.

This certificate does not cover vehicles sold, offered for sale, or introduced, or delivered for introduction into commerce in the U.S. prior to the effective date of the certificate.