



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

Street address: 629 East Main Street, Richmond, Virginia 23219

Mailing address: P.O. Box 1105, Richmond, Virginia 23218

TDD (804) 698-4021

www.deq.virginia.gov

L. Preston Bryant, Jr.
Secretary of Natural Resources

David K. Paylor
Director

(804) 698-4020
1-800-592-5482

June 19, 2009

NORTHERN VIRGINIA ANALYZER SYSTEM CERTIFICATION

In accordance with Article 22 of Title 46.2 of the Code of Virginia and the regulations at 9 VAC 5-91-680, the Virginia DEQ certifies that **SPX Corporation** is granted Northern Virginia Analyzer System (NVAS) OBD Upgrade Certification for the SPX S54-311(x), the SPX S54-317(x), the S54-371(x) or the SPX S54-313 analyzer systems in combination with either the Mustang dynamometer Model MD-ASM-97 (for right PAU configuration) and Model MD-ASM-97-L (for left PAU configuration) or the Clayton S46-311A Low Profile Dynamometer (Clayton model # 20-1312) or the Clayton S46-312A High Performance Dynamometer (Clayton model # 20-1110) based on documentation and/or representations made by said company or its representatives, the results of the NVAS OBD Upgrade Acceptance Test Procedures conducted by Sierra Research, DEQ Pre-Beta Testing performed at the DEQ Woodbridge, Virginia referee station, and Field Beta Testing conducted at no less than 3 inspection stations. This Certification is a full certification that authorizes the equipment to be used to perform official Virginia enhanced emissions inspections subject to but not limited to the General Conditions listed below. This Certification meets the tax credit certification required by Section 58.1-438.1 of the Code of Virginia.

EQUIPMENT DESCRIPTION:

SPX Corporation NVAS model S54-311(x), SPX S54-317(x), S54-371(x) or S54-313 analyzer system with Mustang Model MD-ASM-97 (and 97-L) or Clayton S46-311A or S46-312A dynamometer and Stant gas cap tester #12440 or Waekon gas cap tester, meeting the requirements of NVAS OBD Upgrade Specifications v2-36b dated June 16, 2005 and associated documents.

GENERAL CONDITIONS OF CERTIFICATION:

If any problems or discrepancies are discovered subsequent to the issuance of this certificate, the manufacturer/vendor shall correct or resolve the problems to the satisfaction of DEQ within a time frame acceptable to DEQ. If modifications are made to the NVAS equipment or software,

the manufacturer/vendor shall submit documentation of the changes to and receive approval by DEQ prior to the release/sale of the updated equipment and/or software. The above named manufacturer/vendor agrees to:

Provide all DEQ-required updates as provided for in Specification for the Northern Virginia Analyzer System OBD Upgrade v2-36b dated June 16, 2005 in a time frame acceptable to DEQ.

Correct and update all NVAS in-use problems identified within 10 days or in a time frame acceptable to DEQ.

Deliver, install, and initialize the OBD Upgrade in all units installed in Virginia by August 31, 2005 or in a time frame acceptable to DEQ.

APPROVAL DATE: 6/19/2009



Richard D. Olin
Office of Air Mobile Sources
VA DEQ