State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER I-15-005

Independent Contractor Approval Pursuant to
California Code of Regulations, title 17, section 91207

Energy Environmental Solutions, Incorporated

WHEREAS, the Air Resources Board (ARB), pursuant to California Health and Safety Code, section 41512, has established the procedures contained in California Code of Regulations, title 17, section 91200 and following, to allow the use of independent testers for compliance tests required by ARB;

WHEREAS, it has been determined that Energy Environmental Solutions, Incorporated meets the requirements of ARB for performing ARB Test Methods 1, 2, 3, 4, 5, 8, and 100 (CO, CO_2, NO_X, O_2, SO_2, THC) pursuant to Cal. Code Regs., title 17, section 91200 and following, when the following conditions are met:

1. Energy Environmental Solutions, Incorporated permanently marks or engraves an identification number on the body of each of its pitot tubes in accordance with section 2.1 of ARB Test Method 2;

2. Energy Environmental Solutions, Incorporated calibrates its differential pressure gauges after each test series in accordance with section 2.2 of ARB Test Method 2, and establishes and maintains a log of the calibrations;

3. Energy Environmental Solutions, Incorporated acquires and uses brushes for its probes and nozzles in accordance with section 2.2.1 of ARB Test Method 5;

4. Energy Environmental Solutions, Incorporated permanently and uniquely identifies its isokinetic nozzles in accordance with section 5.1 of ARB Test Method 5;

5. Energy Environmental Solutions, Incorporated calibrates and repairs its nozzles used in isokinetic testing in accordance with section 5.1 of ARB Test Method 5 and establishes and maintains a log of the calibrations which shall include notes on the repairs on each nozzle;

6. Energy Environmental Solutions, Incorporated calibrates its metering system in accordance with section 5.3 of ARB Test Method 5, and establishes and maintains a log of the calibrations;

7. Energy Environmental Solutions, Incorporated calibrates its probe heater in accordance with section 5.4 of ARB Test Method 5 and establishes and maintains a log of the calibrations;

8. Energy Environmental Solutions, Incorporated acquires and uses Isopropanol in accordance with section 3.1.4 of ARB Test Method 8;

9. Energy Environmental Solutions, Incorporated acquires and uses Hydrogen Peroxide in accordance with section 3.1.5 of ARB Test Method 8;

10. Energy Environmental Solutions, Incorporated acquires and uses Barium Perchlorate in accordance with section 3.3.4 of ARB Test Method 8;

11. Energy Environmental Solutions, Incorporated acquires and uses Sulfuric Acid in accordance with section 3.3.5 of ARB Test Method 8;

12. Energy Environmental Solutions, Incorporated uses noncalculating channels on its data acquisition system or a strip chart in accordance with section 2.2.8 of ARB Test Method 100;

13. Energy Environmental Solutions, Incorporated acquires and uses ASTM E617 Class 1 weights for calibrating its balances, and establishes and maintains a log of the calibrations;

14. Energy Environmental Solutions, Incorporated participates in the U.S. Environmental Protection Agency Stationary Source Compliance Audit Program for ARB Test Method 8;

15. Energy Environmental Solutions, Incorporated shall use Ken Kumar as the Source Test Engineer, on site, in charge of, and participating in all testing using any of the above methods. Ken Kumar shall also review all test reports using any of the above methods; and

WHEREAS, ARB Executive Officer, pursuant to California Health and Safety Code, section 39516, issued Executive Order G-02-008, delegating to the Chief of ARB Monitoring and Laboratory Division (MLD) the authority to approve independent testers in accordance with Cal. Code Regs., title 17, section 91200 and following.

NOW, THEREFORE, I, Michael T. Benjamin, Chief of MLD, order that Energy Environmental Solutions, Incorporated is granted approval from the date of execution of this Executive Order until June 30, 2017, to perform the test methods identified above subject to compliance with Cal. Code Regs., title 17, section 91200 and following.

BE IT FURTHER ORDERED that during the approved period the Executive Officer or his authorized representative may field audit one or more tests performed pursuant to this Executive Order for each test method identified above.

Executed at Sacramento, California, this 12th day of March 2015.

Dr. Michael T. Benjamin, Chief
Monitoring and Laboratory Division