

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER I-14-002

Independent Contractor Approval Pursuant to
California Code of Regulations, Title 17, Section 91207

Horizon Engineering, LLC

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 Horizon Engineering, LLC meets the requirements of ARB for performing ARB Test Methods 1, 2, 3, 4, 5, 16A, 20, 21, and 100 (CO, CO₂, NO_x, O₂, SO₂, THC) pursuant to Cal. Code Regs., Title 17, Section 91200 and following, when the following conditions are met:

1. Horizon Engineering, LLC 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. Horizon Engineering, LLC 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. Horizon Engineering, LLC uses a filter holder and filter support in accordance with Section 2.1.5 of ARB Test Method 5;
4. Horizon Engineering, LLC calibrates its metering system in accordance with Section 5.3 of ARB Test Method 5, and establishes and maintains a log of the calibrations;
5. Horizon Engineering, LLC acquires and uses a 1000-mL volumetric flask and 10-mL burette with markings every 0.05-mL in accordance with Section 2.2 of ARB Test Method 16A;
6. Horizon Engineering, LLC tests the efficiency of the NO₂ converter prior to each source test when data is not available to demonstrate that the concentration of NO₂ in the sample gas is less than five percent of the total NO_x concentration;

7. Horizon Engineering, LLC includes the following information on all strip charts and/or emissions data sheets: pollutant of interest, source, analyzer range, date and time, zero offsets, and the name(s) of the person(s) operating the instruments;
8. Horizon Engineering, LLC acquires and uses ASTM E617 Class 1 weights for calibrating its balances, and establishes and maintains a log of the calibrations;
9. Horizon Engineering, LLC installs and uses safety cabinets for flammable and acid reagent storage; 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 Horizon Engineering, LLC is granted approval from the date of execution of this order until June 30, 2016, 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 order for each test method identified above.

Executed at Sacramento, California, this 13th day of May 2014.



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