

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER I-14-023

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

Broadbent & Associates, 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 Broadbent & Associates, Incorporated meets the requirements of ARB for performing ARB Test Methods 1, 2, 3, 4, 5, 17, and 100 (CO, CO₂, NO_x, O₂, SO₂, THC), and U.S. Environmental Protection Agency (U.S. EPA) Test Methods 201A (1991 version), and 202 pursuant to Cal. Code Regs., Title 17, Section 91200 and following when the following conditions are met:

1. Broadbent & Associates, 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. Broadbent & Associates, 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. Broadbent & Associates, Incorporated calibrates its temperature gauges in accordance with Section 4.3 of ARB Test Method 2 and establishes and maintains a log of the calibrations;
4. Broadbent & Associates, Incorporated permanently and uniquely identifies its isokinetic nozzles in accordance with Section 5.1 of ARB Test Method 5;
5. Broadbent & Associates, Incorporated acquires and uses a micrometer to calibrate its probe nozzles used for isokinetic testing in accordance with Section 5.1 of ARB Test Method 5;
6. Broadbent & Associates, 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. Broadbent & Associates, Incorporated characterizes the hydrocarbon species, as necessary, prior to the source test to determine that the gas analyzer's detector will respond predictably to the organic compounds present in accordance with Section 2.2.4 of ARB Test Method 100;

8. Broadbent & Associates, Incorporated evaluates its gas dilution system at the test site with an analyzer or monitor chosen by the source owner or operator in accordance with section 3.2 of ARB Test Method 100;
9. Broadbent & Associates, Incorporated acquires and uses a 1 liter glass separatory funnel in accordance with section 6.2.2 (a) of U.S. EPA 202;
10. Broadbent & Associates, Incorporated acquires and uses 300 to 500 ml glass beakers in accordance with Section 6.2.2(c) of U.S. EPA Test Method 202;
11. Broadbent & Associates, Incorporated acquires and uses a 0 to 100 ml glass burette in 0.1 ml graduations in accordance with Section 6.2.2 (f) of U.S. EPA Test Method 202;
12. Broadbent & Associates, Incorporated performs a field train proof blank in accordance with Section 8.5.4.10 of U.S. EPA Test Method 202; 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 Broadbent & Associates, Incorporated is granted approval from the date of execution of this order until June 30, 2015, 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 4th day of June 2014.



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