State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER I-16-009

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

The Avogadro Group, 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 The Avogadro Group, LLC meets the requirements of ARB for performing ARB Test Methods 1, 2, 3, 4, 5, 8, 17, 100 (CO, CO_2, NO_X, O_2, SO_2, THC), Visible Emissions Evaluation (VEE), and U.S. Environmental Protection Agency (U.S. EPA) Test Methods 18, 201A, and 202 pursuant to Cal. Code Regs., title 17, section 91200 and following, when the following conditions are met:

1. The Avogadro Group, 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;

2. The Avogadro Group, LLC acquires and uses sulfuric acid in accordance with section 3.3.5 of ARB Test Method 8;

3. The Avogadro Group, LLC uses a probe constructed in accordance with section 2.1.3 of ARB Test Method 100;

4. The Avogadro Group, LLC uses noncalculating channels on its data acquisition system or a strip chart in accordance with section 2.2.8 of ARB Test Method 100;

5. The Avogadro Group, 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;

6. The Avogadro Group, LLC prevents condensate from forming in the sample bag while collecting the sample in accordance with section 8.2.1.4 of U.S. EPA Test Method 18;

7. The Avogadro Group, LLC calibrates and repairs the nozzles it uses for U.S. EPA Test Method 201A in accordance with section 10.1 of U.S. EPA Test Method 5, and establishes and maintains a log of the calibrations, which shall include notes of the repairs on each nozzle;

8. The Avogadro Group acquires and uses 300 to 500 ml glass beakers as required by section 6.2.2 (c) of U.S. EPA Test Method 202;

9. The Avogadro Group acquires and uses a 0 to 100 ml glass burette in 0.1 ml graduations as required by section 6.2.2 (f) of U.S. EPA Test Method 202;

10. The person performing VEE passed ARB Compliance Training Course #100: Fundamentals of Enforcement (FOE)/VEE (Smoke School) and is currently certified to conduct VEE. Any recertification for VEE, following the initial passage of ARB's FOE, must be from a certifying body recognized by ARB at the time VEE is performed; 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 The Avogadro Group, LLC is granted approval from the date of execution of this order until June 30, 2018, 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 or her 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 28th day of April 2016.

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