



Air Resources Board



Linda S. Adams
Secretary for
Environmental Protection

Mary D. Nichols, Chairman
1001 I Street • P.O. Box 2815
Sacramento, California 95812 • www.arb.ca.gov

Arnold Schwarzenegger
Governor

TECHNICAL BULLETIN (700-1)

EnviroNics 9100
August 2012

Issue

The AQSB's current configuration of the EnviroNics 9100 (9100) is to plumb a 24V solenoid valve to the output of the 9100. The function of the solenoid valve is to allow auto calibration gases to be delivered to the "thru the probe" or directly to the manifold.

To alleviate confusion and to standardize operations within the AQSB operators should direct ALL auto calibration gases (precision and span) "thru the probe".

Solution

Effective immediately, field staff should re-configure ALL 9100's used for ambient air monitoring to deliver ALL auto calibrations gases "thru the probe".

Station operators or station calibrators should remove the 24V solenoid from the rear of the 9100 and connect a "calibration" line from the 9100's output to the top of the station probe line. In addition, the OSS recommends that staff switch the status 5 output on the status I/O board (located on the rear of the instrument) from 24V to contact closure. Refer to section 5.13.2 "Setting Up Status Outputs" of the EnviroNics Operating Manual revision 6a for instructions.

Contacts: John Furtado
(916) 327-2751
jfurtado@arb.ca.gov

Richard Lopez
(916) 324-7332
rjlopez@arb.ca.gov

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website: <http://www.arb.ca.gov>.

California Environmental Protection Agency