



30400 Solon Road  
Solon, OH 44139  
Aclara.com

440-528-7200  
440-528-7199 fax

## DECLARATION OF SIMILARITY

October 6, 2016

To:  
Bay Area Compliance Laboratories Corp.  
1274 Anvilwood Ave.  
Sunnyvale, CA 94089

Dear Sir or Madam:

We, Aclara Technologies LLC, hereby declare that product: Series 3000 Gas Remote-External Antenna; models 2016-001S and 2016-001P are electrically identical in the RF sections with the same electromagnetic emissions and electromagnetic compatibility characteristics..: The difference in the two models is strictly in the data input circuitry which is dependent on the type of sensor unit at the meter end of the data cable.

The 2016-001P dual port pulse MTU has two ports with three wires per port. There is a pulse input signal, an alarm input signal and a ground connection for each of the two ports. The pulse input signal connects to a switch on the gas meter and each switch closure creates a pulse that represents a specific amount of gas usage. The alarm input signal is typically tied to the ground connection at the gas meter and if the interface cable is cut, the signal line is internally pulled up by the MTU and generates an alarm that is transmitted out.

The 2016-001S single port sensor MTU has one port with six wires. There are three input signals to monitor reed switch closures, two input signals to monitor alarms and one ground connection. The sensor monitors the rotation of the gas meter drive shaft with three reed switches and a rotating magnet. As the magnet rotates on the meter shaft, three different reed switches close in a specific sequence. Each rotation of the meter shaft represents a specific amount of gas usage. There is a tilt alarm that will activate if the sensor is removed from the meter and a tamper alarm that will activate if the interface cable is cut.

Please contact me should there be need for any additional clarification or information.

Best regards,

A handwritten signature in blue ink that reads "Larry Foore". The signature is fluid and cursive, with the first name being more prominent.

Larry Foore, Senior Director Product Development  
Aclara Technologies LLC  
30400 Solon Rd.  
Solon, OH 44139