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## Product Advisory UniFlame<sup>®</sup> II Flame Detector

### ATTENTION:

This advisory applies to the UniFlame<sup>®</sup> II Flame Detector for all models and all versions built before May 23, 2014 (Date Code 1421 or earlier) with an Engineering Code of 08 or earlier.

During manual configuration the highest three flame frequency bands **164hz, 171hz and 179 hz must not be used.** These three frequencies, if set in combination with manually adjusted high user gains and/ or lowered switching thresholds may simulate the presence of flame where there is no flame. These bands are available only if you are manually setting your flame detector. This combination of settings may cause your detector to indicate a false flame condition, which could cause the accumulation of unburned fuel and create the potential for an explosion.

Follow the guidelines in the product manual 372001-05 that describes the proper set up procedure for the UniFlame<sup>®</sup> II flame detector: A section from that manual is detailed below:

**CAUTION:** After selecting Sensor TYPES used, Sensor BANDS, Sensor GAINS, and Flame Relay ON & OFF Thresholds, proper flame detection and flame discrimination must be verified by starting and stopping the burner several times. The flame relay must reliably de-energize for all flame out conditions. This testing should be done with various adjacent burners on and off, and at various load levels. This is a requirement for proper operation.

**It is safety critical** that this caution in the product manual be followed as described above and that the flame relay is tested to de-energize for all flame out conditions.

Attach the enclosed warning label(s) directly on the UniFlame<sup>®</sup> II flame detector(s) installed at your facility with an Engineering Code 08 or earlier. Because this is an important safety issue, this label should be placed in a prominent position on the detector body to instruct anyone making adjustments to or testing the unit to avoid a manual configuration of the three highest settings (164hz, 171hz and 179hz).

Sincerely,

A handwritten signature in black ink, appearing to read "Tom Demrick".

Tom Demrick, CEO

