Exclusive Neural Network Technology (NNT) allows the FlameGard 5 MSIR Flame Detector to see fire first, sense it the longest and see the smallest fire.

- NNT 4-IR sensor combination is highly immune to false alarms
- No other flame detector can match NNT weighted system—competitors use pass/fail algorithm
- Multi-spectrum IR (MSIR) sensor array provides increased range and wide field of view
- Continuous Optical Path Monitoring (COPM) checks optical path integrity and detector’s electronic circuitry

Flame Detector Test Parameters

- 150’ distance between detectors and 1’ x 1’ gasoline fire
- All units set to high sensitivity, all confirmed to be in working order

Flame Detector Performance

MSA FlameGard 5 MSIR Flame Detector detected the fire 4 seconds before the competition. MSA FlameGard 5 MSIR Flame Detector saw the fire for 16 seconds longer than all competitive units.