



MICROPACK Detection (Americas)

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PRESS RELEASE

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MICROPACK Visual Imaging Flame Detection to participate in NFPA R&D Tunnel Tests

March 2006 MICROPACK Detection (Americas) Llc, the Americas division of MICROPACK (Engineering) Ltd., was recently selected amongst several detection manufacturers to participate in the upcoming tunnel tests.

The Tunnel Fire Detection Project is being conducted by the NFPA Research and Development group with the objectives of:

- Investigating the performance attributes of current fire detection technologies for roadway tunnel protection;
- Developing performance criteria for fire and smoke detection systems in roadway tunnel applications;
- Helping optimize the technical specifications and installation requirements for this application.



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“With participant chosen, the test should begin sometime in the summer/fall of 2006 and be completed in November of 2007”, said Adrian Lloyd, General Manager of the MICROPACK Americas team.

The participants will install equipment in the Lincoln and Holland Tunnels for approximately one year. The chosen participants did a walk through of the first tunnel in March to view first-hand the type of dirty and dusty environment their products will be subjected to. “We are proud that our flame detection technology was one of the types deemed suitable to survive and perform in this hostile environment. This is what we do best – everyday; and we are grateful to the folks at NFPA for recognizing Visual Imaging Flame Detection as a possible “protection technology” in this type of environment”, said Adrian Lloyd. “I have over 30 years of experience with various flame detection and early warning devices and am highly impressed with Visual Imaging Flame Detection technology and the global team at MICROPACK who developed this technology for several manufacturers and are now packaging the MICROPACK brand of CCTV Visual Image Flame Detection, as part of their complete product range. Visual Imaging Flame Detection is both the past, present and the future. Simply put, it is ‘Tried and Proven Technology’ – properly applied in the real-world fire scenarios of today and tomorrow.”



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According to the NFPA R&D website, the project description for this tunnel project includes:

- Develop appropriate design fire scenarios and test protocols for evaluating performance of road tunnel detectors;
- Conduct full-scale laboratory tunnel fire tests to document the performance of currently available fire detection technologies under challenging tunnel fire scenarios;
- Analyze technical data and conduct computational modeling to help understand and optimize the technical specifications and installation requirements for application of fire detection technologies in road tunnels;
- Conduct fire tests in Lincoln and Holland tunnels to validate laboratory and model results;
- Evaluate environmental effects in Lincoln and Holland Tunnels on system performance;
- Benchmark full scale fire research scenarios against data from demonstration fire tests;
- Provide technical data to standards and code writers for the development of guidelines for application of fire detection technologies in road tunnels.



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Additional information on the NFPA Tunnel Fire Detection project and several other NFPA projects can be found on the NFPA web site, www.nfpa.org.