

International Accreditation Service  
**CERTIFICATE OF ACCREDITATION**

*This is to signify that*

**FM APPROVALS**

743 REYNOLDS ROAD  
WEST GLOCESTER, RHODE ISLAND 02814

Testing Laboratory TL-221

has met the requirements of the IAS Accreditation Criteria for Testing Laboratories (AC89), has demonstrated compliance with ANS/ISO/IEC Standard 17025:2005, *General criteria for the competence of testing and calibration laboratories*, and has been accredited, commencing February 2, 2010, for the test methods listed in the approved scope of accreditation.

*Patrick V. McCullen*

Patrick V. McCullen  
Vice President

*C. P. Ramani*

C. P. Ramani, P.É.  
President

*(see attached scope of accreditation for fields of testing and accredited test methods)*

Print Date: 04/21/2010

Page 1 of 2

This accreditation certificate supersedes any IAS accreditation certificate bearing an earlier date. The certificate becomes invalid upon suspension, cancellation, revocation, or expiration of accreditation. See the IAS Accreditation Listings on the web at [www.iasonline.org](http://www.iasonline.org) for current accreditation information, or contact IAS directly at (562) 699-0541.

International Accreditation Service  
**SCOPE OF ACCREDITATION**

FM Approvals TL-221

FM Approvals  
743 Reynolds Rd.  
West Glocester, RI 02814

George A. Smith  
AVP Director  
(781) 255-4870

<b>FIELDS OF TESTING</b>	<b>ACCREDITED TEST METHODS</b>
Fire	ASTM Standards E 84, E 108, E 119 and E 814; FM Approvals Standards 4450, 4470, 4880 and 4882; NFPA Standard 252; UL Standards 10B and 790; ISO Standards 1182, 1716, 9705, 11925-2, 13784-1 and 13784-2; British EN Standards BS EN 13823 and DD ENV 1187
Physical/structural	ASTM Standards D3161, E 648 and G 154; FM Approvals Standards 4450 and 4470, 4475 and 4881; ANSI/FM 4474
Fire fighting systems	British EN Standards BS EN 12259-1, 12259-2, 12259-3, 12259-4, 12259-5, 12259-9 and 12259-12

February 2, 2010  
Commencement Date

Print Date: 04/21/2010

TM  
  
C. P. Ramani, P.E.  
President

Page 2 of 2

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