

International Accreditation Service

CERTIFICATE OF ACCREDITATION

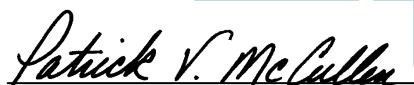
This is to signify that

CSA INTERNATIONAL

1707-94 STREET
EDMONTON, ALBERTA T6N 1E6
CANADA

Testing Laboratory TL-267

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 December 29, 2009, for the test methods listed in the approved scope of accreditation.



Patrick V. McCullen
Vice President



C. P. Ramani, P.É.
President

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

Print Date: 02/23/2010

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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 for current accreditation information, or contact IAS directly at (562) 699-0541.

International Accreditation Service

SCOPE OF ACCREDITATION

CSA International TL-267


CSA International
1707-94 St
Edmonton, Alberta T6N 1E6
Canada

Walter Vance
Manager, Accreditation and Conformity Assessment
216) 524-4990

FIELDS OF TESTING	ACCREDITED TEST METHODS
Plumbing	CSA B 66
Factory constructed buildings and Structures	CSA C22.2 148, CSA Z240-RV Series, -MH Series CSA Z241 Series, Z240 RV Series and CSA Z240.6.2
Fuel products	CSA C22.2 22; FM 3615, 3620, UL 1238, IAS 4-96, 5-90, 5-94, 8-93, 8-96, 9-96, ISA 12-90 and 13-90
Electrical products	ANSI/ISA S82.01, ANSI/ISA-S12.3, Part 1, CSA C22.20.3, 0.4, 0.5, 0.8, CSA C22.2.3, 4, CSA C22.2 3,4, CSA C22.2 8, 9.0, 14, 18, CSA C22.2 13, 15,24, 27, 31, 41, CSA C22.2 16, 17, 33, CSA C22.2 21, 26, 36, 40, 67, CSA C22.2 29, CSA C22.2 42, 46, 66, CSA C22.2 45, 47, 60, 72, 73, 83, CSA C22.2 68, 71.2, 74, 77, CSA C22.2 76, 86, 92, 93, 94, 102, 103, CSA C22.2 85, 88, 89, 91, 98, 99, 100, CSA C22.2 104, 105, CSA C22.2 107.1, 107.2, 108, 109, 112, C22.2 114 CSA, CSA C22.2 117, 119, 120, 132 CSA C22.2 113, 125, 128, 133, CSA C22.2 126, 129, 130.1, 130.2, 137, CSA C22.2 138, 145, 144, 152, 157, 174, CSA C22.2 139,

December 29, 2009
Commencement Date

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Electrical products (continued)	156, CSA C22.2 141, 142, 143, 159m 164, 165, CSA C22.2 151, 155, 158, CSA C22.2 166, 177, 187, 217, 218.1, CSA C22.2 178, 179, 180, CSA C22.2 182.1, 182.2, 182.3, 182.4, 189, CSA C22.2 184, 190, CSA C22.2 195, 205, 207, 221, 231, 950, CSA C22.2 201, 203, 203.1, 213, 218.2, CSA C22.2 224, 226, 247, 243, CSA C22.2 2240 2262.247, 243, CSA C22.2 225, 236, 1010.1, CSA E79-0, -2, -5, -6, -7, -11, -15, -18, CSA E730-1, CSA E730-1, E730-2-1, CSA E742, CSA Notice 516, FM 3600, 3610, 3611, 3810, 6310, 6320, NFPA 79, NFPA 496, UL 5, 6, 183, 187, 347, UL 22, 48, 50, 65, 67, 73, 130, 197 UL 69, 207, 416, UL 141 150, 234, 291 325, 399, 430, 464, UL 94 355, UL 412, 429, 465, 467, 484, UL 458, 467, 497A, 595, 674, 698, UL 466, 496, 498, 499, 506, 507, 508, 519, UL 471, 474, 551, 561, 621, UL 514A, B, C, 676, UL 541, 544, 547, 563, 603, 705, 710, 751, UL 773, 773A, 781, 783, 817, 863, 870, UL 763, 778, 813, 869A, 883, 894, 924, UL 797, 823, 844, 845, 877, 884, 886, 887, UL 983, 1059, 1088, 1207, UL 834, UL 857, 867, 869, 891, 917, 998, UL 1635, UL 873m 1261, 1995, UL 913, 916, 969, 1002,

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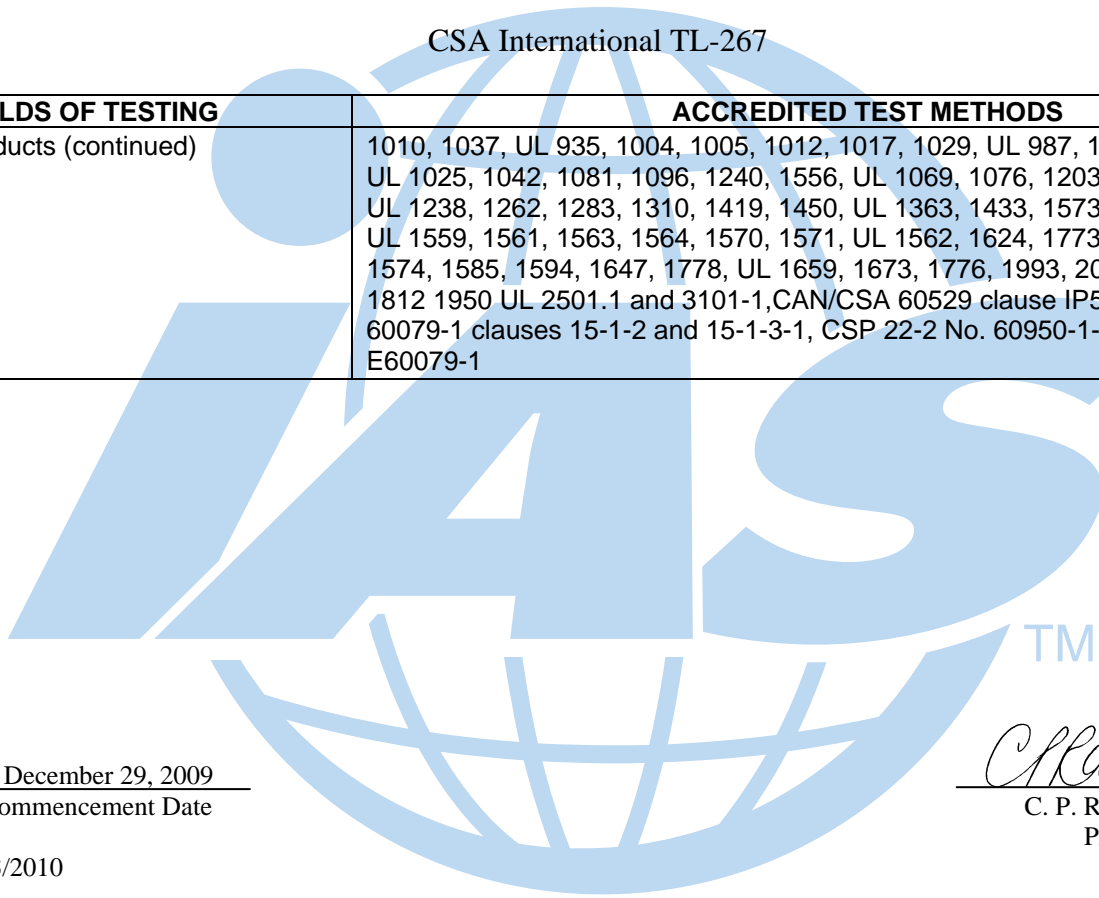
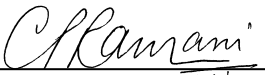
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FIELDS OF TESTING	ACCREDITED TEST METHODS
Electrical products (continued)	1010, 1037, UL 935, 1004, 1005, 1012, 1017, 1029, UL 987, 1008, 1236 1449, 1459, UL 1025, 1042, 1081, 1096, 1240, 1556, UL 1069, 1076, 1203, 1244, 1286, 1278, UL 1238, 1262, 1283, 1310, 1419, 1450, UL 1363, 1433, 1573, 1604, 1610, 1638, UL 1559, 1561, 1563, 1564, 1570, 1571, UL 1562, 1624, 1773, 1815, UL 1572, 1574, 1585, 1594, 1647, 1778, UL 1659, 1673, 1776, 1993, 2021, 2044, UL 1795 1812 1950 UL 2501.1 and 3101-1, CAN/CSA 60529 clause IP5X, CSA-22.2 No. E 60079-1 clauses 15-1-2 and 15-1-3-1, CSP 22-2 No. 60950-1-03 Part 1, CSA/CAN E60079-1

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