
BULLETIN 2003-009-BU/EL

Revised August 11, 2015

REQUIREMENTS FOR VERIFICATION OF FIRE ALARM SYSTEMS IN THE CITY OF VANCOUVER

Article 3.2.4.5. of Division B of the Vancouver Building By-law contains requirements of installation and verification of fire alarm systems. Sentence 3.2.4.5.(1) mandates fire alarm systems including the voice communication capability where provided, shall be installed in conformance with CAN/ULC-S524, "Installation of Fire Alarm Systems." and Sentence 3.2.4.5.(2) requires fire alarm systems shall be verified in conformance with CAN/ULC-S537, "Verification of Fire Alarm Systems," to ensure they are operating satisfactorily.

CAN/ULC-S537 specifies requirements of verification procedure and verification report, the PREFACE describes that the requirements of this Standard contemplates that the verification procedure described therein will be conducted by an organization other than the installing contractor and designer, and that the verification will be carried out by qualified personnel in the employ of an organization acceptable to the authority having jurisdiction. The Appendix A of this Standard states that Qualified Personnel - Any person who performs the verification of a fire alarm system should be familiar with this Standard and have received suitable formal training or sufficient experience acceptable to the authority having jurisdiction.

REQUIREMENTS

Qualified persons involved in a verification procedure must have sufficient technical knowledge of fire alarm system components, their function and performance, and must have necessary electrical qualification for evaluating conformance of these devices with installation provisions mandated by the CAN/ULC-S524 and Section 32 of the Canadian Electrical Code, Part 1. The following acceptance criteria have been established by the City of Vancouver for organizations involved in verification of fire alarm systems:

1. Qualified person(s) employed by a ULC listed manufacturer of a FAS (i.e. qualified persons employed by Simplex, Edwards, Honeywell, Mircom, Notifier, etc.). Presently (in accordance with Section 4(1)(e) of the BC Electrical Safety Regulation) employees of an electrical equipment manufacturer are deemed to be "qualified" for the purpose of doing electrical work of "commissioning" of the equipment supplied by that manufacturer.
 - Notes:
 - a) Acceptance of technicians employed by these manufacturers is based on the fact that these technicians have respective factory training and relevant electrical qualifications.
 - b) Manufacturers must provide the City Electrician with detailed substantiation in this regard.
2. A Registered Professional (Electrical Engineer or Fire Protection Engineer).
3. A Certified Technologist (ASc.T) registered with the ASTT BC in the Electrical Technology area who in addition has successfully completed a full set of the CFAA courses for verification of fire alarm systems.

4. A qualified person employed by a fire alarm service company, provided this person possesses sufficient documentation indicating a successful completion of relevant factory training on fire alarm equipment and possesses a provincial certificate of qualification to do electrical work on alarm systems.
 - Note:
The following criteria are provided by the BCSA *"The current Electrical Safety Regulation permits the following qualified persons, that are the holder of a valid Certificate of Qualification (C of Q), perform electrical work on fire alarm systems: C of Q in the trade of Electrician, C of Q Restricted Class 'C' or C of Q Restricted class Alarm & Communication class 'AC'".*

DEFINITIONS

1. A qualified person is deemed to be a person in the employ of the verification organization (proof of qualification - "training courses and relevant fire alarm and electrical certificates, etc." is required.
2. A Registered Professional is deemed to be Electrical or Fire Protection Engineer registered with the Association of Professional Engineers and Geoscientists of the Province of British Columbia (APEGBC), who is not involved in the installation of the fire alarm system subjected to this engineer's verification.
 - Notes:
 - a) All verification reports are permitted to be signed only by qualified persons employed by verification organizations accepted by the City of Vancouver for this purpose, as per list of acceptable verification organizations. (Attached is the latest list of Acceptable Verification Organizations and Qualified Personnel.) This attachment will be periodically updated to reflect new additions or modifications to the list.
 - b) Fire alarm system verification report form (Appendix C Form of CAN/ULC-S537) has been amended for use in the City of Vancouver. This form is shown on Attachment of Bulletin 2000-021-BU/EL.
 - c) When a fire alarm system is connected to an ULC listed fire signal receiving facility, an ULC Certificate (Fire Protective Signalling Service) must be completed as a part of verification report (see Bulletin 2000-019-BU/EL for sample of ULC certificates).

(Original signed by)

W. White
Manager of Trades Inspection
Deputy City Electrician

(Original signed by)

P. Ryan, M.Sc., P.Eng.
Chief Building Official
Director, Building Code and Policy

List of Acceptable Organizations and Qualified Persons
Attachment to Bulletin 2003-009-BU/EL

Revised September 8, 2016

Name of Verification Organization	Address of Verification Organization	Phone No. and Fax No.	Qualified Personnel (Names of Persons Acceptable to Sign Appendix A Form Of ULC S537)	Type Of Verification Organization	Notes
0894707 B.C. DbA Tad Bukala	121 - 13045 84 th Avenue Surrey, BC V3W 1B3	604-240-6133	Tad Bukala	Service Company Authorized by the Manufacturer	Verification of Mircom F.A.S. only
Acme Fire & Safety Co. Ltd.	7015 Curragh Avenue Burnaby, BC V5J 4V6	604-437-8555 604-437-1301	George Lance, Kam Karan, Michael McClelland, Michael Tonolli, Shane Karan	Service Company	
Active Fire and Safety Services LTD	12110 - 86 th Avenue Surrey, BC V3W 3H7	604-590-0149 604-590-0991	Jason Chen, Jeff Tataren, Jit Sangha, Johnny Jenkins, Sanford Erickson	Service Company	Verification of FireLite F.A.S. & Potter F.A.S. and Vigilant F.A.S.
ADT Canada Inc.	8500 Baxter Place Burnaby, BC V5A 4T8	604-421-7111 604-421-7131	Greg Wagner, P.Eng., Paul Szigety, Walter Siemens	Manufacturer	
A-1 Fire Supplies Ltd.	12 - 825 McBride Blvd New West, BC V3L 5B5	604-526-8423 604-526-8423	Leslie Moerike	Service Company	
Anubis Systems Technologies Security for Life	210 - 151, 10090 - 152 nd Surrey, BC V3R 8X8	778-863-7147 604-552-7909	Frank Kurz	Service Company	
Bartec Fire Safety Systems Ltd.	201 - 6200 Darnley Street Burnaby, BC V5B 3B1	604-420-2964 604-420-7964	Kevin Dees, Rob Barrett	Service Company	
Black Tusk Fire & Security Inc.	Lower Mainland	877-657-1140 604-935-1124	Robert Parker	Service Company	
Bri-Tek Fire Protection Services Inc.	1526 West 63rd Avenue Vancouver, V6P 2H6	604-266-1051 604-266-1406	Brian Ellis	Service Company	
Chubb Edwards	7989 Enterprise Street Burnaby, BC V5A 1V5	604-420-4436 604-420-6544	Alejandro Ello, Alex Maillet, Andrew Bellefeuille, Anthony Inocencio, Bill Costa, Chaz Guerra, Chris Horne, Eduardo Abreo, Igor Olendzkiy, Jackie Tang, Jas Johal, John Cockburn, Les Filpula, Luis Oeffner, Matthew Kowalenko, Mike Harte, Patrick Oboril, Paul Greenwell, Randy Burke, Rick Hlady, Rick Ozarowski, Ron Belhomme, Satwinder Manku, Scott Krishan, Steve Battistel, Tim Coffey, Todd Powell, Tom Dehn, Tom Delcourt, Tony So, Troy Forshaw, Wayne Sew, Yok Kai Lee	Manufacturer	Verification of Edwards F.A.S. only

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City Fire Prevention Services Ltd.	101 - 13055 84th Avenue Surrey, BC V3W 1B3	604-760-8760 604-591-2489	Dale Windsor, Jason Correia, Graham Norris, Naval Aery, Rick Puri	Service Company	
The Cohos Evamy Partners	200 - 902nd 11th Avenue SW Calgary, AB T2R 0E7	403-245-5501 403-229-0504	Chris Buettner, P.Eng. Ed Pon, P.Eng.	Professional Engineer	
Contec Fire and Safety Ltd.	4247 Winnifred Street Burnaby, BC V5J 2S5	604-451-7600 604-451-7670	Costa Vlachias	Service Company	
Continental Integrated Technologies	300 - 20689 Fraser Hwy Langley BC V3A 4G4	604-421-8056 604-420-7964	Braden Barrett, Chris Myles	Service Company Authorized by Manufacturer	Verification of Siemens F.A.S. only
Convergint Technologies	101, 2677 - 192 nd Street Surrey, BC V3S 3X1	604-536-8979 604-536-8809	Larry Pulfer, Leon Suite, Rob Davidson	Service Company	Verification of Honeywell F.A.S. only
Dragon Fire and Electrical Services	6477 Kitchener Street, Burnaby, BC V5B 2J5	778-888-3465	Joe Robinsmith	Service Company Authorized by the Manufacturer	Factory trained by Mircom.
Dragon Ventures Ltd.	1270 Hornby Street Coquitlam, BC V3E 1C5	604-552-2458	Amanda Goss, Noel Goss	Service Company	
Electric Power Equipment (1986) Ltd.	1285 Homer Street Vancouver, BC V6B 2Z2	604-682-4221 604-683-5903	Van Vierson	Manufacturer	Verification of EPE F.A.S. only
Executive Fire and Safety Ltd.	223 - 12448 82nd Avenue Surrey, BC V3W 3E9	604-590-2229 604-590-2792	Roy Hermanus	Service Company	
Fairlane Fire Prevention Ltd.	4877 East Hastings Street Burnaby, BC V5C 2L1	604-873-7568 604-871-6394	Larry Brisbois	Service Company	
Firefly Safety Inc.	3868 Marine Drive Burnaby, BC V5J 3E2	604-716-0200 604-435-4768	Micky Puri	Service Company	Verification of Fire Lite, Mircom and Potter only
Fire-Pro Fire Protection Ltd.	15 - 3871 North Fraser Way Burnaby, BC V5J 5G6	604-299-1030 604-299-6353	Alec Kugler, Donald Davis, Goran Ilic, Raphael Ferrer and Robert Vos	Service Company Authorized by the Manufacturer	Verification of Siemens F.A.S. only
Fraser Valley Fire Protection Ltd.	9 - 2345 Windsor Street Abbotsford, BC V2T 6M1	604-850-1943 604-850-7335	Andy Raby, Harold Loland, Lloyd Delves, Reuben Loland	Service Company	
Honeywell Limited	300 - 3490 Gardner Court Burnaby, BC V5G 3K4	604-654-5699 604-654-5696	Barry Yee, Dave Danielson, Inderjeet Nanara	Manufacturer	Verification of Honeywell F.A.S. only
Houle Electric Limited	3735 Myrtle Street Burnaby, BC V5C 4E7	604-434-2681 604-434-0480	R.R. Lashin, P.Eng.	Service Company	
Lee Security Systems Ltd.	815 West 48 th Avenue Vancouver, BC V5Z 2S2	604-266-2811 604-263-7183	James Lee	Service Company	

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Levitt - Safety Ltd.	106 - 1611 Broadway Street Port Coquitlam, BC V3C 2M7	604-464-6332 604-464-6055	William J. Java	Service Company	FireLite Fire Alarm
Mircom Distribution Inc.	20155 Stewart Crescent Maple Ridge, BC V2X 0T6	604-460-6332 604-460-6368	Ahmad Abu-Laila, Alan Ng, Bernardo del a Garza, Cris Nenclu, Dan Hucal, David Clark, Gord Morrison, Graham Norris, Harvinder Brar, Hong Kiang, James Jiang, Jamie Johnston, Jason Douglas, Jennifer Drysdale, Mickey Sidhu, Sukh Darshan Singh, and Wayne Doucette	Manufacturer	Verification of Mircom F.A.S. only
MMM Group Ltd	700 - 1045 Howe Street Vancouver, BC V6Z 2A9	604-685-9381 604-683-8655	George Melo, P.Eng.	Professional Engineer	Verification of F.A.S. for Vancouver School Board only
Mountain Fire Protection Ltd.	108 - 4268 Lozells Avenue Burnaby, BC V5A 0C6	604-730-2989 604-421-2982	Corey Cunningham David Johnson Jeff Ross	Service Company	Verification of Vigilant F.A.S, Potter F.A.S. and Fire-Lite F.A.S For only Jeff Ross and David Johnson; Verification of Vigilant F.A.S Corey Cunningham
Novota Engineering (Fire Protection Engineering)	23351 117-B Avenue Maple Ridge, BC V2X 0B9	604-767-8709 604-476-0140	Juraj Novota	Professional Engineer	
Pacific Coast Fire Equipment Ltd.	101 - 137 Glacier Street Coquitlam, BC V3K 5Z1	604-273-6747 604-468-6360	Gord Miller Mark Newlove	Service Company, Authorized by Manufacturer	Verification of FireLite F.A.S. only
Pacific Northwest Fire Protection Inc.	16837 - 18 Avenue Surrey, BC V3S 9X3	604-250-3395 604-538-4876	Albert Lozada	Service Company	
PriCEng	2414 Tree Top Lane N. Vancouver, BC V7H 2K5	604-929-7566 604-929-6826	I.W. Price, P.Eng.	Professional Engineer	
Royal City Fire Supplies Ltd.	633 - 12th Street New Westminster, BC V3M 4J5	604-522-4240 604-522-0681	Mark Zaremski, Mark Walker	Service Company	
Siemens Building Technologies, Ltd.	150 - 4011 Viking Way Richmond, BC V6V 2K9	604-273-7733 604-273-1373	Alexandre Caron, Ennio Reschigna, Fazal Najmuddin, Gerry Brady, James Goss, James Liu, Pardis Rezaei and Ziad Esho	Manufacturer	Verification of Siemens F.A.S. only
Sokulski Engineering Ltd.	6 - 1742 Marine Drive W. Vancouver, BC V7V 1J3	604-925-3222 604-925-8833	Joe Sokulski	Professional Engineer	

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Sun Valley Engineering Inc.	17, 62 Fawcett Road Coquitlam, BC V3K 6V5	604-357-3376 604-357-3792	Mike Comeau, P.Eng.	Professional Engineer	
Surrey Fire & Safety Ltd.	19947 56 th Avenue Langley, BC V3A 3Y2	604-533-2876	Werner Hammer	Service Company	
Systematic Fire Control Ltd.	1250 Frances Street Vancouver, BC V6A 1Z5	604-251-3545 604-251-3549	Russell Strimbicki	Service Company	
Troy Life & Fire Safety Ltd.	4003 Graveley Street Burnaby, BC V5C 3T5	604-299-6365 604-299-6367	Andrzej Jaroma David Esau Floyd Robinson	Service Company	Simplex & Edwards
Tyco Integrated Fire and Security	1485 Lindsey Place Delta, BC V3M 6V1	604-515-8872 604-241-9554	Aaron Peacock, Bob McCormick, Daniel Chiu, Edmund Chong, Jason Janz, Kelly Davis, Marc Mulatz, Marek Hruswcki, Mark Vaesen, Martin Cesar, Marty Lawless, Mike Argent, Ned Mladenovic, Nuno Gordo, Peter Khomelef, Randy Garland, Sami Samir, Steve Craig, Steve Gordon, Thomas Smith, Tony Ali, and William Sigsworth	Manufacturer	Verification of Simplex F.A.S. only
Vancouver Fire & Security	22131 Fraserwood Way Richmond, BC V6W 1J5	604-232-3473 604-232-3456	Daniel Baxter, P.Eng. Robert Baxter, P.Eng.	Professional Engineer	
Vital Fire Protection Ltd.	3158 Bowen Drive Coquitlam, BC V3B 5S7	604-868-8186	Hong Liang, RFPT	Service Company	Honeywell, Siemens Simplex, Mircom
Notifier/Viking Fire Protection	8290 Ross Street Vancouver, BC V5X 4C6	604-324-7122 604-324-8260	Alex Hoffman, P.Eng., Chris Caddell, Fred Ogaloff, Kevin Kerr, Schon Johnston, Terry McLeod and Tim Renaud	Service Company Authorized by the Manufacturer	Verification of Notifier F.A.S. only

(Original signed by)

W. White
Manager, Trades Inspection
Deputy City Electrician