

Appendix F – Laboratories Actively Using Fire Test Procedures

The companies listed in table F-1 are actively using the fire test procedures in this Handbook (this list is not complete or all-inclusive).

Table F-1. Laboratories Actively Using Fire Test Procedures

LABORATORY/COMPANY NAME	TESTS CONDUCTED
ACES, Inc. 202 N. Park Street PO Box 411 Maize, KS 67101 Phone: 316-265-8335 Fax: 316-221-1039 Website: www.aces.aero	Bunsen Burner Tests (Horizontal and Vertical)* Bunsen Burner 60-Degree Wire Insulation Test* Bunsen Burner 45-Degree Test* Seat Oil Burner* Fire Containment Test of Waste Containers* Powerplant Fire Penetration Test* Cargo Oil Burner* Radiant Panel* Insulation Burnthrough Test* Oil Burner Test for Magnesium Alloy Seat Structure*
Accufleet Testing Services, Inc. 1959 S. Starpoint Drive Houston, TX 77032 Phone: 281-999-8800 Ext. 1111 Email: TEST@AccuFleet.com Website: www.accufleet.com	Bunsen Burner Tests (Horizontal and Vertical)* Bunsen Burner 60-Degree Wire Insulation Test* Bunsen Burner 45-Degree Test* Cargo Oil Burner* (Sonic and Park) Seat Oil Burner* (Sonic and Park) Thermal Acoustic Insulation Burnthrough Test* (Sonic and Park) Magnesium Testing
AIM Aerospace Inc. 705 S.W. 7th Street Renton, WA 98057 Phone: 425-235-2750 Fax: 425-228-0761 Website: www.aimseattle.com	Bunsen Burner Heat Release Smoke Test
AIM Composites Ltd. Pembroke Avenue, Waterbeach, Cambridge, CB25 9QR England	Bunsen Burner Heat Release Smoke Test Seat Oil Burner
Air Capital Certification Services, Inc. 1910 Northern Wichita, KS 67216 Phone: 316-524-4466 Fax: 316-524-4455	Bunsen Burner Tests (Horizontal and Vertical)*
Airbus Deutschland GmbH Department ECTB Material & Processes Hunefeld Str. 1-5 28199 Bremen, Germany Phone: (49) 421 538 5060/4860 Fax: (49) 421 538 3999/4852 Website: www.airbus.com	Bunsen Burner Heat Release Smoke Test Cargo Oil Burner Seat Oil Burner
Am Safe, Inc. 1043 N. 47 th Avenue Phoenix, AZ 85043 Phone: 602-850-2850 Fax: 602-233-1089	Bunsen Burner Tests (Horizontal and Vertical)*

*Commercial testing services offered.
 Appendix F updated May 15, 2015.

LABORATORY/COMPANY NAME	TESTS CONDUCTED
<p>Andrew Muirhead & Son Limited 273-289 Dunn Street Glasgow, Scotland, UK G40 3EA Phone: (44) (0) 141 554 3724 Fax: (44) (0) 141 554 4741 Website: www.muirhead.co.uk</p>	<p>12-Second Vertical Bunsen Burner Test* 60-Second Vertical Bunsen Burner Test* Smoke Test*</p>
<p>Atlas Material Testing Technology LLC 4114 N. Ravenswood Avenue Chicago, IL 60613 Phone: 773-327-4520 Fax: 773-327-5787 Website: www.atlas-mts.com</p>	<p>Bunsen Burner</p>
<p>Blue Flame Laboratory 1612 Lima Drive San Luis Obispo, CA 93405-6815 Phone: 805-544-2664 Fax: 805-440-0073 Email: coleeminger@charter.net</p>	<p>Bunsen Burner</p>
<p>Boeing – Douglas Products Division 5301 Bolsa Avenue Dept. N812, M/C H021-F120 Huntington Beach, CA 92647 Phone: 714-896-6237 Website: www.boeing.com</p>	<p>Bunsen Burner</p>
<p>Boeing Research and Technology Boeing Technology Services P.O. Box 3707, MC 1W-02 Seattle, WA 98124-2207 Phone: 206-662-1478 Website: www.boeing.com/bts Email: bts@boeing.com</p>	<p>Bunsen Burner Heat Release Smoke Test Evacuation Slide Radiant Panel</p>
<p>Boeing Test and Evaluation Boeing Technology Services P.O. Box 3707, MC 1W-02 Seattle, WA 98124-2207 Phone: 206-662-1478 Website: www.boeing.com/bts Email: bts@boeing.com</p>	<p>Cargo Oil Burner* Seat Oil Burner* Powerplant Fire Test* Powerplant Hose Assembly Powerplant Electric Wire Powerplant Connectors Thermal Acoustic Insulation Burnthrough Test*</p>
<p>DGA Techniques Aeronautiques Centre d'Essais Aeronautiques de Toulouse 47 rue Saint-Jean BP 93123 31131 Balma Cedex, FRANCE Phone: (33) 5 6257 5050/5428 Fax: (33) 5 6257 5032</p>	<p>Bunsen Burner* Heat Release* Smoke Test* Cargo Oil Burner & Seat Oil Burner* Radiant Panel* Powerplant Hose Assemblies Test* Powerplant Fire Penetration Test* Powerplant Fire Tests* Insulation Burnthrough Test*</p>
<p>CHESTNUT RIDGE FOAM INC. 443 Warehouse Drive Latrobe, PA 15650 Phone: 800-234-2734 Website: www.chestnutridgefoam.com</p>	<p>12-Second Vertical Bunsen Burner Test 60-Second Vertical Bunsen Burner Test Seat Oil Burner</p>
<p>Crane Resistoflex-Aerospace 2575 West 5th Street Jacksonville, FL 32254</p>	<p>Powerplant Hose Assemblies Test</p>

*Commercial testing services offered.
 Appendix F updated May 15, 2015.

Phone: 904-389-3400 x140 Fax: 904-384-5333	
CREPIM Parc de la Porte Nord, Rue Christophe Colomb Bruay-La-Buissiere, France, 62700 Phone: 33 (0) 3 21 61 64 00 Fax: 33 (0) 3 21 61 64 01 Website: www.crepim.fr Email: contact@crepim.fr	Bunsen Burner Tests (Horizontal and Vertical)* Bunsen Burner 60-Degree Wire Insulation Test* Bunsen Burner 45-Degree Test* Smoke Test*

LABORATORY/COMPANY NAME	TESTS CONDUCTED
Currenta GmbH & Co. OHG Chempark, Geb. B411 D-51368 Leverkusen, Germany Phone: (49) 214 30 34416 Fax: (49) 214 30 96 34416 Website: www.fire-testing.eu	Bunsen Burner* Heat Release* Smoke Test*
CTA, Aeronautical Technologies Center Parque Tecnologico de Alava 01510 Minano, Alava, Spain Phone: (34) 945 296 924 Fax: (34) 945 296 923 Website: www.ctaero.com	Bunsen Burner (Horizontal, Vertical, 45 & 60 Degree)* Heat Release* Smoke Test* Cargo Oil Burner* Seat Oil Burner* Powerplant Fire Test* Insulation Flame Propagation (Radiant Panel)*
Custom Products, Inc. PO Box 1141 Mooresville, NC 28115 Phone: 704-663-4159 Fax: 704-663-7904	Bunsen Burner* Seat Oil Burner*
CUSTOM SCIENTIFIC INSTRUMENTS, INC. 1125 Conroy Place Forks Township Easton, PA 18040 Phone: 610-923-6500 Fax: 610-923-6543 Website: www.csi-instruments.com	Bunsen Burner Heat Release
DLR-Material Test Center-Fire Performance Eugen-Saenger-Str. 50 29328 Fassberg, Germany Phone: (49) 551 709 2115 Fax: (49) 551 709 12115	Bunsen Burner Smoke Test Heat Release Cargo Oil Burner Seat Oil Burner Powerplant Fire Test Powerplant Hose Assembly
Duncan Aviation, Inc. 15745 S. Airport Road Battle Creek, MI 49015 Phone: 269-969-8400 Fax: 269-968-8273 Website: www.duncanaviation.com	Bunsen Burner (Vertical and Horizontal)* Bunsen Burner 45-Degree* Fire Containment Test of Waste Compartments* Bunsen Burner: 60-Degree Wire Insulation Test
Element Glendale 1024 Grand Central Avenue Glendale, CA 91201 Phone: 818-247-4106 Fax: 818-247-4537	Bunsen Burner* Heat Release* Smoke Test*

*Commercial testing services offered.
Appendix F updated May 15, 2015.

Website: www.delsen.com	
---	--

LABORATORY/COMPANY NAME	TESTS CONDUCTED
Element Jupiter 15814 Corporate Circle Jupiter, FL 33178 Phone: 561-776-7339 Fax: 561-776-7344 Website: www.ewttest.com	Bunsen Burner Cargo Oil Burner Seat Oil Burner Powerplant Fire Test Powerplant Hose Assembly Powerplant Electric Wire Powerplant Connectors
Embraer Flammability Laboratory Av. Brigadeiro Faria Lima, 2170 12227-901, Sao Jose dos Campos – SP Brazil Phone: (55) 12 3927 1653 Website: www.embraer.com	Bunsen Burner Heat Release Smoke Test Cargo Oil Burner Seat Oil Burner Powerplant Fire Test Powerplant Hose Assembly
Environ Laboratories, Inc. 9725 Girard Avenue South Minneapolis, MN 55431-2621 Phone: 1-800-826-3710 Fax: 952-888-6345 Website: www.environlab.com	Bunsen Burner Powerplant Fire Test Powerplant Hose Assembly Powerplant Electric Wire Powerplant Connectors
Exova Canada 2395 Speakman Drive Mississauga, Ontario Canada L5K 1B3 Phone: 905-822-4111 Fax: 905-823-1446 Website: www.exova.com	Bunsen Burner Smoke Test
Exova GmbH Industriepark Höchst, Geb. C 369 D-65926 Frankfurt am Main Germany Phone: 49 (0) 69 305 3882 Fax: 49 (0) 69 305 1 7071 Website: www.exova.com	Bunsen Burner (Vertical and Horizontal)* Bunsen Burner: 45-Degree and 60-Degree* Smoke Test* Seat Oil Burner* Cargo Oil Burner*
Flame Out, Inc. 113 N. 2nd Street Pleasant Dale, NE 68423 Phone: 402-795-5335 Fax: 402-795-5336	Seat Oil Burner
Flame-Tek, LLC 1515 North Center Street, Suite #1 Lonoke, AR 72086 Phone: 208-569-6093 Website: www.flame-tek.com Email: brad.shelton@flame-tek.com	Bunsen Burner (Vertical and Horizontal)* Bunsen Burner 60-Degree Wire Insulation Test* Bunsen Burner 45-Degree Test*
Franklin Products, Inc. 153 Water Street Torrington, CT 06790 Phone: 860-482-0266 Fax: 860-482-6759 Website: www.franklinproducts.net Email: jshailer@franklinproducts.net	Bunsen Burner*
General Plastics Manufacturing Company 4910 Burlington Way	Bunsen Burner: Horizontal, Vertical, 45-degree* Seat Oil Burner*

*Commercial testing services offered.
 Appendix F updated May 15, 2015.

Tacoma, WA 98409 Phone: 253-473-5000 Fax: 253-473-5104 Email: tod_maurmann@generalplastics.com Website : http://www.generalplastics.com	
---	--

LABORATORY/COMPANY NAME	TESTS CONDUCTED
Govmark 96 Allen Boulevard, Suite D Farmingdale, NY 11735-5626 Phone: 631-293-8944 Fax: 631-293-8956 Website: www.govmark.com	Bunsen Burner (Horizontal, Vertical, 45 & 60-Degree)* Heat Release* Smoke Test* Cargo Oil Burner* Seat Oil Burner* Powerplant Fire Test* Aircraft Blanket Test* Insulation Flame Propagation Test (Radiant Panel)* Insulation Burnthrough Test* Wire Test*
Heath Tecna Inc. 3225 Woburn Street Bellingham, WA 98226 Phone: 360-738-2005 Fax: 360-715-3999	Bunsen Burner Heat Release Smoke Test
Herb Curry Inc. 1701 Leonard Road P.O. Box 753 Mt. Vernon, IN 47620 Phone: 812-838-6703 Fax: 812-838-6712	Bunsen Burner Heat Release Smoke Test
Hexcel Duxford United Kingdom CB22 4QD Phone: 44 01223 838725 Fax: 44 01223 838333	Smoke Test Bunsen Burner
INDUSTRIAL NEOTEX S.A. C/ Forjadores, Parcela 17-11 Pol. Ind. Prado del Espino Boadilla del Monte (Madrid), 28660, Spain Phone: (34) 916 324 391 Fax: (34) 916 324 284 Website: www.neotex.com Email: aha@neotex.com	Seat Oil Burner* Bunsen Burner (12-Second Vertical)*
ISOVOLTA AG 2355 Wiener Neudorf Austria Phone: 43 5 9595 9305 Fax: 43 59595 79305 Website: www.isovolta.com	Bunsen Burner Heat Release Smoke Test
Krueger Testing and Consulting 14402 E Goodwin Road Stanwood, WA 98292 Phone: (360) 631-6167 Website: www.kruegerflam.com Email: keith@kruegerflam.com	Bunsen Burner: Vertical, Horizontal, 45-degree, 60-degree wire* Heat Release* Smoke Test* Insulation Flame Propagation Test*

*Commercial testing services offered.
Appendix F updated May 15, 2015.

LABORATORY/COMPANY NAME	TESTS CONDUCTED
Lantal Textiles Dorfgasse 5 PO Box 1330 4901 Langenthal, Switzerland Phone: (41) 62 916 71 06 Fax: (41) 62 923 25 32 Website: www.lantal.com	Bunsen Burner* Heat Release* Smoke Test* Seat Oil Burner* Aircraft Blanket Test*
LEFAE ZA de Parc des Boss 5, Route du Dome 69630 Chaponost, France Phone : (33) 4 37 201 917 Website : www.lab-lefae.com Email : info@lab-lefae.com	Bunsen Burner* Smoke Test* Cargo Oil Burner* Seat Oil Burner* Powerplant Fire Test* Powerplant Hose Assembly* Powerplant Electric Wire* Aircraft Blanket Test*
Lufthansa Technik AG Central Laboratory Services Materials Flammability Test Center HAM TQ/M-C Weg beim Jaeger 193 22335 Hamburg, Germany Phone: (49) 40 5070 3792 Website: www.lufthansa-technik.com/de/laboratory-services Email: laboratoryservices@lht.dlh.de	Bunsen Burner* Heat Release* Aircraft Blanket Test* Fire Containment Test*
McDermed Aviation Consultants, LLC 1982 25 th Avenue, NE Suite 8 Hillsboro, OR 97124 Phone: 503-372-6549 Cell: 503-926-2201 Website: www.mcdermedaviation.com Email: chuck@mcdermedaviation.com	Bunsen Burner (Vertical and Horizontal) Bunsen Burner 45-Degree Test* Bunsen Burner 60-Degree Test* Aircraft Blanket Test*
MTI PolyFab, a 3M Company 7381 Pacific Circle Mississauga, Ontario, Canada Phone: 905-564-9700 x7280 Fax: 905-564-8886 Website: www.mmm.com	Bunsen Burner Radiant Panel Insulation Burnthrough Test
RESCOLL Technical Centre of Materials 8 Allee Geoffroy St, Hilaire 33615 Pessac France Phone: (33) 547 74 69 00 Email: rescoll@rescoll.com Website: www.rescoll.fr	Bunsen Burner (Horizontal and Vertical)* Bunsen Burner 60-Degree Wire Insulation Test* Bunsen Burner 45-Degree Test* Smoke Test* Heat Release* Cargo Oil Burner* Seat Oil Burner* Insulation Burnthrough Test* Powerplant Fire Test*
Rohi Stoffe GmbH SchoenlinderstraBe 1 82538 Geretsried, Germany Phone: (49) 8171-9354-14 Fax: (49) 8171-9354-99 Website: www.rohi.com	Bunsen Burner

*Commercial testing services offered.
Appendix F updated May 15, 2015.

Schneller Inc. Corporate Office 6019 Powdermill Road Kent, OH 44240 Phone: 330-676-7156 Fax: 330-673-6374 Website: www.Schneller.com	Bunsen Burner Heat Release Smoke Test
LABORATORY/COMPANY NAME	TESTS CONDUCTED
Sell GmbH Zodiac Aerospace Dr.-Siegfried-Strass D-35745 Herborn Germany Phone: (49) 2772 707 665 Fax: (49) 2772 707 133 Website: www.sell-interiors.com	Bunsen Burner* Heat Release* Smoke Test* Fire Containment Test of Waste Compartments*

*Commercial testing services offered.
 Appendix F updated May 15, 2015.

SGS U.S. Testing Company 8385 White Oak Avenue Rancho Cucamonga, CA 91730 Phone: 909-483-0250 Fax: 909-483-0336 Website: www.sgsustesting.com	Smoke Test
SGS U.S. Testing Company 1341 N. 108 East Avenue Tulsa, OK 74116 Phone: 918-437-8333 Website: www.sgsustesting.com	Bunsen Burner
Shanghai Aircraft Research Institute Longhua Airport Building, PO Box 232-003 Shanghai 200232, PR China Phone: (86) 21 643 88 606	Bunsen Burner Heat Release Smoke Test Cargo Oil Burner Seat Oil Burner
Singapore Jamco Pte Ltd No. 8 Loyang Lane Singapore 508915 Phone: (65) 6417 0560 Fax: (65) 6542 0248 Website: www.sinjam.com.sg	Bunsen Burner: Horizontal, Vertical, & 45-Degree* Heat Release* Smoke Test* Radiant Panel* Seat Oil Burner*
Skandia, Inc. 5000 North Highway 251 Davis Junction, IL 61020 Phone: 815-393-4600 Fax: 815-393-3501 Website: www.skandia-inc.com	Bunsen Burner* Seat Oil Burner* Wire Insulation Test* Fire Containment Test of Waste Containers* Radiant Panel* Smoke Test* Heat Release*
Starr Aircraft Products, Inc. 5236 North Hwy 1417 Sherman, TX 75092 Phone: 903-893-1106 Fax: 903-893-0551 Email: bstrobl@starraircraft.com Website: www.starraircraft.com	12-second Vertical Bunsen Burner Test* 60-second Vertical Bunsen Burner Test* Seat Cushion Assembly-Oil Burner Test*
Test Center of Civil Aviation Administration of China (CAAC) No. 17, South Section 2, 2 nd Ring Road Chengdu, P.R. China 610041 Phone: 0086-28-64456066, or 0086-28-64456022 Fax: 0086-28-64456010 Website: www.tccaac.com.cn	Bunsen Burner* Heat Release* Smoke Test* Cargo Oil Burner* Seat Oil Burner* Powerplant Fire Test* Aircraft Blanket Test* Radiant Panel* Insulation Burnthrough Test*
Testcorp 24662 Rhea Drive Mission Viejo, CA 92691 Phone: 949-859-3659 Website: www.testcorp.net	Bunsen Burner* Heat Release* Smoke Test* Radiant Panel*
The Boeing Company Boeing Technology Services PO Box 3707, M/S: 9R-28 Seattle, WA 98124 Phone: 206-277-4600 Website: www.boeing.com	

*Commercial testing services offered.
Appendix F updated May 15, 2015.

LABORATORY/COMPANY NAME	TESTS CONDUCTED
The Mexmil Company 2865 South Pullman Street Santa Ana, CA 92705 Phone: 949-250-4999 Fax: 949-250-7425 Website: www.mexmil.com	12-Second Vertical Bunsen Burner Test 60-Second Vertical Bunsen Burner Test 45-Second Horizontal Bunsen Burner Test Radiant Panel
Triumph Composite Systems, Inc. 1514 S. Flint Road Spokane, WA 99219 Phone: 509-623-8100 Fax: 509-623-8099 Website: www.triumphgroup.com	12-Second Vertical Bunsen Burner Test* 60-Second Vertical Bunsen Burner Test* 30-Sec, 45-degree Horizontal Bunsen Burner Test* Radiant Panel*
TTF Aerospace LLC 301 30th St NE Auburn, WA 98002 Phone: 253-520-6920 Fax: 253-20-6835 Website: www.ttfaero.com	Bunsen Burner Heat Release Smoke Test
Varig Engineering and Maintenance Rua 18 de novembro, 851 – Building 17, Room 79 Porto Alegre, Rio Grande Do Sol, Brazil Phone: (55) 51 33 58 71 35 Fax: (55) 51 33 58 73 34	Bunsen Burner Seat Oil Burner
Vauth & Sohn GmbH Hembser Str. 1 33034 Brakel, Germany Phone: (49) 5272 3713-0 Fax: (49) 5272 6671 Website: www.vauth-sohn.com	Bunsen Burner* Smoke Test* Seat Oil Burner*
Zodiac Seats France ZI Limoise Rue Robert Marechal Senior 36100 Issoudun, France Phone: (33) 2 54 03 39 39 Fax: (33) 2 54 03 39 00 Website: www.zodiacaerospace.com	12-Second Vertical Bunsen Burner Test* 60-Second Vertical Bunsen Burner Test* Seat Oil Burner*

*Commercial testing services offered.