

## 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
<b>ACES, Inc.</b> 202 N. Park Street PO Box 411 Maize, KS 67101 Phone: 316-265-8335 Fax: 316-221-1039 Website: <a href="http://www.aces.aero">www.aces.aero</a>	Bunsen Burner Tests (Horizontal and Vertical)* Bunsen Burner 60-Degree Wire Insulation Test* Seat Oil Burner* Fire Containment Test of Waste Containers* Powerplant Fire Penetration Test*
<b>Accufleet</b> 777 Benmar Houston, TX 77396 Phone: 281-999-0033 Fax: 281-999-0055 Website: <a href="http://www.accufleet.com">www.accufleet.com</a>	Bunsen Burner Cargo Oil Burner Seat Oil Burner Aircraft Blanket Test
<b>AIM Aerospace Inc.</b> 705 S.W. 7th Street Renton, WA 98057 Phone: 425-235-2750 Fax: 425-228-0761 Website: <a href="http://www.aimseattle.com">www.aimseattle.com</a>	Bunsen Burner Heat Release Smoke Test
<b>AIM Composites Ltd.</b> Pembroke Avenue, Waterbeach, Cambridge, CB25 9QR England	Bunsen Burner Heat Release Smoke Test Seat Oil Burner
<b>Air Capital Certification Services, Inc.</b> 1910 Northern Wichita, KS 67216 Phone: 316-524-4466 Fax: 316-524-4455	Bunsen Burner Tests (Horizontal and Vertical)*
<b>Airbus Deutschland GmbH</b> Department ECTB Material & Processes Hunefeld Str. 1-5 28199 Bremen, Germany Phone: (49) 421 538 5060/4860 Fax: (49) 421 538 3999/4852 Website: <a href="http://www.airbus.com">www.airbus.com</a>	Bunsen Burner Heat Release Smoke Test Cargo Oil Burner Seat Oil Burner
<b>Am Safe, Inc.</b> 1043 N. 47 <sup>th</sup> Avenue Phoenix, AZ 85043 Phone: 602-850-2850 Fax: 602-233-1089 Website: <a href="http://www.amsafe.com">www.amsafe.com</a>	Bunsen Burner Tests (Horizontal and Vertical)*

\*Commercial testing services offered.

LABORATORY/COMPANY NAME	TESTS CONDUCTED
<b>Atlas Material Testing Technology LLC</b> 4114 N. Ravenswood Avenue Chicago, IL 60613 Phone: 773-327-4520 Fax: 773-327-5787 Website: www.atlas-mts.com	Bunsen Burner
<b>Blue Flame Laboratory</b> 1612 Lima Drive San Luis Obispo, CA 93405-6815 Phone: 805-544-2664 Fax: 805-440-0073 Email: coleeminger@charter.net	Bunsen Burner
<b>Boeing – Douglas Products Division</b> 5301 Bolsa Avenue Dept. N812, M/C H021-F120 Huntington Beach, CA 92647 Phone: 714-896-6237 Website: www.boeing.com	Bunsen Burner
<b>DGA Defense</b> Centre d'Essais Aeronautique de Toulouse 47 rue Saint-Jean BP 53123 31131 Balma Cedex, FRANCE Phone: (33) 5 6257 5050/5428 Fax: (33) 5 6257 5032	Bunsen Burner* Heat Release Smoke Test Cargo Oil Burner & Seat Oil Burner Radiant Panel* Powerplant Hose Assemblies Test Powerplant Fire Penetration Test
<b>CHESTNUT RIDGE FOAM INC.</b> 443 Warehouse Drive Latrobe, PA 15650 Phone: 800-234-2734 Website: www.chestnutridgefoam.com	12-Second Vertical Bunsen Burner Test 60-Second Vertical Bunsen Burner Test Seat Oil Burner
<b>Crane Resistoflex-Aerospace</b> 2575 West 5 <sup>th</sup> Street Jacksonville, FL 32254 Phone: 904-389-3400 x140 Fax: 904-384-5333	Powerplant Hose Assemblies Test
<b>CTA, Aeronautical Technologies Center</b> Parque Tecnológico de Alava 01510 Minano, Alava, Spain Phone: (34) 945 296 924 Fax: (34) 945 296 923 Website: www.ctaero.com	Bunsen Burner Heat Release Smoke Test Cargo Oil Burner Seat Oil Burner Powerplant Fire Test
<b>Currenta GmbH &amp; Co. OHG</b> 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* Cargo Oil Burner* Seat Oil Burner*

\*Commercial testing services offered.

LABORATORY/COMPANY NAME	TESTS CONDUCTED
<b>Custom Products, Inc.</b> PO Box 1141 Mooresville, NC 28115 Phone: 704-663-4159 Fax: 704-663-7904	Bunsen Burner* Seat Oil Burner*
<b>CUSTOM SCIENTIFIC INSTRUMENTS, INC.</b> 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
<b>Delsen Testing Laboratories</b> 1024 Grand Central Avenue Glendale, CA 91201 Phone: 818-247-4106 Fax: 818-247-4537 Website: www.delsen.com	Bunsen Burner* Heat Release* Smoke Test*
<b>DLR-Material Test Center-Fire Performance</b> 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
<b>Duncan Aviation, Inc.</b> 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
<b>East-West Technology Corporation</b> 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
<b>Embraer Flammability Laboratory</b> 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

\*Commercial testing services offered.

LABORATORY/COMPANY NAME	TESTS CONDUCTED
<b>Environ Laboratories, Inc.</b> 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
<b>Exova Canada</b> 2395 Speakman Drive Mississauga, Ontario Canada L5K 1B3 Phone: 905-822-4111 Fax: 905-823-1446 Website: www.exova.com	Bunsen Burner Smoke Test
<b>Exova GmbH</b> Industriepark Hochst, 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*
<b>Flame Out, Inc.</b> 113 N. 2nd Street Pleasant Dale, NE 68423 Phone: 402-795-5335 Fax: 402-795-5336	Seat Oil Burner
<b>Franklin Products, Inc.</b> 153 Water Street Torrington, CT 06790 Phone: 860-482-0266 Fax: 860-482-6759 Website: www.franklinproducts.net Email: jshailer@franklinproducts.net	Bunsen Burner*
<b>General Administration of Civil Aviation (CAAC)</b> Add: No. 17, Block South 2, Ringroad 2, Chengdu (610041), PR China Phone: (86) 28 82909892	Bunsen Burner Heat Release Smoke Test Cargo Oil Burner Seat Oil Burner Aircraft Blanket Test
<b>General Plastics Manufacturing Company</b> 4910 Burlington Way Tacoma, WA 98409 Phone: 253-473-5000 Fax: 253-473-5104 Email: tod_maurmann@generalplastics.com Website : http://www.generalplastics.com	Bunsen Burner: Horizontal, Vertical, 45-degree* Seat Oil Burner*
<b>Heath Tecna Inc.</b> 3225 Woburn Street Bellingham, WA 98226 Phone: 360-738-2005 Fax: 360-715-3999	Bunsen Burner Heat Release Smoke Test
<b>Herb Curry Inc.</b> 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

\*Commercial testing services offered.

<b>Hexcel</b> Duxford United Kingdom CB22 4QD Phone: 44 01223 838725 Fax: 44 01223 838333	Smoke Test Bunsen Burner
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LABORATORY/COMPANY NAME	TESTS CONDUCTED
<b>INDUSTRIAL NEOTEX S.A.</b> 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)*
<b>ISOVOLTA AG</b> 2355 Wiener Neudorf Austria Phone: 43 5 9595 9305 Fax: 43 59595 79305 Website: www.isovolta.com	Bunsen Burner Heat Release Smoke Test
<b>Lantal Textiles</b> Dorfasse 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*
<b>LEFAE</b> 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*
<b>Lufthansa Technik AG</b> Chemical Laboratory HAM TQ/M-C Weg beim Jaeger 193 22335 Hamburg, Germany Phone: (49) 40 5070 4299 Fax: (49) 40 5070 61565 Website: www.lufthansa-technik.com	Bunsen Burner* Heat Release* Aircraft Blanket Test* Fire Containment Test*
<b>MTI PolyFab, a 3M Company</b> 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
<b>RESCOLL Technical Centre of Materials</b> 16 av. Pey Berland F-33607 Pessac Cedex France Phone: (33) 540 006 499 Fax: (33) 540 002 841 Website: www.rescoll.fr	Bunsen Burner Smoke Test

\*Commercial testing services offered.

<b>Rohi Stoffe GmbH</b> SchoenlinderstraBe 1 82538 Geretsried, Germany Phone: (49) 8171-9354-14 Fax: (49) 8171-9354-99 Website: www.rohi.com	Bunsen Burner
<b>Schneller Inc. Corporate Office</b> 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
<b>SGS U.S. Testing Company</b> 8385 White Oak Avenue Rancho Cucamonga, CA 91730 Phone: 909-483-0250 Fax: 909-483-0336 Website: www.sgsustesting.com	Smoke Test
<b>SGS U.S. Testing Company</b> 1341 N. 108 East Avenue Tulsa, OK 74116 Phone: 918-437-8333 Website: www.sgsustesting.com	Bunsen Burner
<b>Shanghai Aircraft Research Institute</b> 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
<b>Singapore Jamco Pte Ltd</b> 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*
<b>Skandia, Inc.</b> 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*
<b>Testcorp</b> 24662 Rhea Drive Mission Viejo, CA 92691 Phone: 949-859-3659 Website: www.testcorp.net	Bunsen Burner* Heat Release* Smoke Test* Radiant Panel*
<b>The Boeing Company</b> Boeing Technology Services PO Box 3707, M/S: 9R-28 Seattle, WA 98124 Phone: 206-277-4600 Website: www.boeing.com	Bunsen Burner Heat Release Smoke Test Cargo Oil Burner* Seat Oil Burner* Evacuation Slide Radiant Test Powerplant Fire Test* Powerplant Hose Assembly Powerplant Electric Wire Powerplant Connectors

\*Commercial testing services offered.

<b>The Govmark Organization, Inc.</b> 96 Allen Boulevard, Suite D Farmingdale, NY 11735-5626 Phone: 631-293-8944 Fax: 631-293-8956 Website: www.govmark.com	Bunsen Burner Heat Release Smoke Test Cargo Oil Burner Seat Oil Burner Powerplant Fire Test Aircraft Blanket Test Insulation Flame Propagation Test
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LABORATORY/COMPANY NAME	TESTS CONDUCTED
<b>The Mexmil Company</b> 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
<b>TTF Aerospace LLC</b> 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
<b>Varig Engineering and Maintenance</b> 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
<b>Vauth &amp; Sohn GmbH</b> 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*
<b>Zodiac Seats France</b> 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.

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\*Commercial testing services offered.