

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* |
| Accufleet 777 Benmar Houston, TX 77396 Phone: 281-999-0033 Fax: 281-999-0055 Website: www.accufleet.com | Bunsen Burner* Cargo Oil Burner* Seat Oil Burner* Insulation Burnthrough Test* |
| 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 Website: www.amsafe.com | Bunsen Burner Tests (Horizontal and Vertical)* |

*Commercial testing services offered.
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| LABORATORY/COMPANY NAME | TESTS CONDUCTED |
|---|--|
| 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 | 12-Second Vertical Bunsen Burner Test* 60-Second Vertical Bunsen Burner Test* Smoke Test* |
| 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 | Bunsen Burner |
| Blue Flame Laboratory 1612 Lima Drive San Luis Obispo, CA 93405-6815 Phone: 805-544-2664 Fax: 805-440-0073 Email: coleeminger@charter.net | Bunsen Burner |
| 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 | Bunsen Burner |
| 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 | Bunsen Burner Heat Release Smoke Test Evacuation Slide Radiant Panel |
| 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 | Cargo Oil Burner* Seat Oil Burner* Powerplant Fire Test* Powerplant Hose Assembly Powerplant Electric Wire Powerplant Connectors Thermal Acoustic Insulation Burnthrough Test* |
| 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 | 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* |
| CHESTNUT RIDGE FOAM INC. 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 |
| Crane Resistoflex-Aerospace 2575 West 5 th Street Jacksonville, FL 32254 Phone: 904-389-3400 x140 | Powerplant Hose Assemblies Test |

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| 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* |

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Website: www.delsen.com

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| <p>Element Jupiter 15814 Corporate Circle Jupiter, FL 33178 Phone: 561-776-7339 Fax: 561-776-7344 Website: www.ewttest.com</p> | <p>Bunsen Burner Cargo Oil Burner Seat Oil Burner Powerplant Fire Test Powerplant Hose Assembly Powerplant Electric Wire Powerplant Connectors</p> |
| <p>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</p> | <p>Bunsen Burner Heat Release Smoke Test Cargo Oil Burner Seat Oil Burner Powerplant Fire Test Powerplant Hose Assembly</p> |
| <p>Environ Laboratories, Inc. 9725 Girard Avenue South Minneapolis, MN 55431-2621 Phone: 1-800-826-3710 Fax: 952-888-6345 Website: www.environlab.com</p> | <p>Bunsen Burner Powerplant Fire Test Powerplant Hose Assembly Powerplant Electric Wire Powerplant Connectors</p> |
| <p>Exova Canada 2395 Speakman Drive Mississauga, Ontario Canada L5K 1B3 Phone: 905-822-4111 Fax: 905-823-1446 Website: www.exova.com</p> | <p>Bunsen Burner Smoke Test</p> |
| <p>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</p> | <p>Bunsen Burner (Vertical and Horizontal)* Bunsen Burner: 45-Degree and 60-Degree* Smoke Test* Seat Oil Burner* Cargo Oil Burner*</p> |
| <p>Flame Out, Inc. 113 N. 2nd Street Pleasant Dale, NE 68423 Phone: 402-795-5335 Fax: 402-795-5336</p> | <p>Seat Oil Burner</p> |
| <p>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</p> | <p>Bunsen Burner*</p> |
| <p>General Plastics Manufacturing Company 4910 Burlington Way Tacoma, WA 98409 Phone: 253-473-5000 Fax: 253-473-5104 Email: tod_maurmann@generalplastics.com Website : http://www.generalplastics.com</p> | <p>Bunsen Burner: Horizontal, Vertical, 45-degree* Seat Oil Burner*</p> |

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|---|--|
| 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 |

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| 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 |
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| 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* |

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| 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 | |

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| 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* |

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