



CERTIFICATE OF ACCREDITATION

This is to attest that

OMNI-TEST LABORATORIES, INC.

13327 NE AIRPORT WAY
PORTLAND, OREGON 97230

Testing Laboratory TL-130

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2005, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation maintained on the IAS website (www.iasonline.org).

This certificate is valid up to AUGUST 1, 2022.



This accreditation certificate supersedes any IAS accreditation bearing an earlier effective date. The certificate becomes invalid upon suspension, cancellation or revocation of accreditation. See www.iasonline.org for current accreditation information, or contact IAS at 562-364-8201.



A handwritten signature in black ink that reads "Raj Nathan".

Raj Nathan
President



INTERNATIONAL
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SCOPE OF ACCREDITATION

IAS Accreditation Number	TL-130
Company Name	OMNI-Test Laboratories, Inc.
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Contact Name	Alex Tiegs, President
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Effective Date of Scope	November 19, 2018
Accreditation Standard	ISO/IEC 17025:2005

Electrical

CAN/CSA C22.2 No. 3	Electrical features of fuel-burning equipment
CAN/CSA C22.2 No. 23.1	Electric furnaces in combination with solid fuel-fired furnaces
CAN/CSA C22.2 No. 46	Electric air-heaters
CAN/CSA C22.2 No. 109	Commercial cooking appliances
CAN/CSA C22.2 No. 113	Fans and ventilators
CAN/CSA C22.2 No. 199	Combustion safety controls and solid-state igniters for gas- and oil-burning equipment
CAN/CSA C22.2 No. 236	Heating and cooling equipment (bi-national standard with UL 1995)
EN 50165	Electrical equipment of non-electric appliances for household and similar purposes – safety requirement
NSF/ANSI 4	Food equipment (as related to UL 2162)
UL 101	Leakage current for appliances
UL 197	Standard for commercial electric cooking appliances
UL 244A	Standard for solid-state controls for appliances
UL 834	Standard for heating, water supply, and power boilers - electric
UL 858	Standard for household electric ranges
UL 1026	Standard for household electric cooking and food serving appliances



SCOPE OF ACCREDITATION

UL 1278	Standard for movable and wall- or ceiling-hung electric room heaters
UL 1995	Heating and cooling equipment
UL 2021	Standard for fixed and location-dedicated electric room heaters

Heating/Cooling

AGA 8-96	Requirement for gas-fired decorative illuminating appliances for outdoor installation
ANSI Z21.1	Household cooking gas appliances
ANSI/Z21.10.3/CSA 4.3	Gas-fired water heaters, volume III, storage water heaters with input ratings above 75,000 Btu per hour, circulating and instantaneous
ANSI Z21.11.1	Gas-fired room heaters V: vented room heaters
ANSI Z21.11.2	Gas-fired room heaters, volume II, unvented room heaters
ANSI Z21.13/CSA 4.9	Gas-fired low pressure steam and hot water boilers
ANSI Z21.15/CGA 9.1	Manually operated gas valves for appliances, appliance connector valves and hose end valves
ANSI Z21.20	Automatic electrical controls for household and similar use - part 2: particular requirements for automatic burner ignition systems and components
ANSI Z21.41/CSA 6.9	Quick disconnect devices for use with gas fuel appliances
ANSI Z21.42	Gas-fired illuminating appliances
ANSI Z21.44	Gas-fired gravity and fan type direct vent wall furnaces
ANSI Z21.47/CSA 2.3	Gas-fired central furnaces
ANSI Z21.48	Gas-fired gravity and fan type floor furnaces
ANSI Z21.49	Gas-fired gravity and fan type vented wall furnaces
ANSI Z21.50/CSA 2.22	Vented decorative gas appliances
ANSI Z21.58/CSA 1.6	Outdoor cooking gas appliances
ANSI Z21.60/CSA 2.26	Decorative gas appliances for installation in solid-fuel fireplaces
ANSI Z21.66/CGA 6.14	Automatic vent damper devices for use with gas-fired appliances



SCOPE OF ACCREDITATION

ANSI Z21.72/CSA 11.2	Portable type gas camp stoves
ANSI Z21.78/CSA 6.20	Combination gas controls for gas appliances
ANSI Z21.84	Standard for Manually lighted, natural gas, decorative gas appliances for installation in solid-fuel burning fireplaces
ANSI Z21.86/CSA 2.32	Vented gas-fired space heating appliances
ANSI Z21.88/CSA 2.33	Vented gas fireplace heaters
ANSI Z21.89/CSA 1.18	Outdoor cooking specialty gas appliances
ANSI Z21.91	Ventless firebox enclosures for gas-fired unvented decorative room heaters
ANSI Z21.97/CSA 2.41	Outdoor decorative gas appliances
ANSI Z83.7/CSA 2.14	Gas-fired construction heaters
ANSI Z83.11/CSA 1.8	Gas food service equipment
ANSI Z83.26/CSA 2.37	Gas-fired outdoor infrared patio heaters
AS 2658	LP gas - portable and mobile appliances
AS 2918	Domestic solid fuel burning appliances - installation (excluding appendix A)
AS 4553	Gas space heating appliances
AS 4558	Decorative gas log and other fuel effect appliances
AS 4565	Radiant gas heaters for outdoor and non-residential indoor use
AS NZS 5263.1.3	Gas space heating appliances
ASTM E1509	Standard specification for room heaters, pellet fuel-burning type
ASTM E2515	Standard test method for determination of particulate matter emissions collected by a dilution tunnel
ASTM E2558	Standard test method for determining particulate matter emissions from fires in wood-burning fireplaces
ASTM E2618	Standard test method for measurement of particulate emissions and heating efficiency of solid fuel-fired hydronic heating appliances
ASTM E2779	Standard test method for determining particulate matter emissions from pellet heaters



SCOPE OF ACCREDITATION

ASTM E2780	Standard test method for determining particulate matter emissions from wood heaters
BS EN 509	Decorative fuel-effect gas appliances
CAN1-1.1	Domestic gas ranges
CAN1-2.15	Gas-fired domestic lighting appliances
CAN1-2.21	Gas-fired appliances for outdoor installation
CAN3-B140.9.3	Portable kerosine-fired heaters (dup per PR 7/12/13)
CAN B140.0	Oil-burning equipment: general requirements
CAN B140.3	Oil burning stoves and water heaters
CAN B140.4	Oil-fired warm air furnaces
CAN B140.7	Oil-burning equipment: steam and hot-water boilers
CAN B140.8	Portable industrial oil-fired heaters
CAN B140.10	Oil-fired warm-air heating appliances for mobile housing and recreational vehicles
CAN B140.11	Oil/gas-fired commercial/industrial pressure washers and steam cleaners
CAN/CSA B149.1	Natural gas and propane installation code
CAN B212.0	Energy Utilization Efficiencies of Oil-Fired Furnaces and Boilers
CAN/CSA B365	Installation code for solid-fuel-burning appliances and equipment
CAN/CSA B366.1	Solid-fuel-fired central heating appliances
CAN/CSA B415.1	Performance testing of solid-fuel-burning heating appliances
CAN/CSA P.4.1	Testing method for measuring annual fireplace efficiency
CGA 2.17	Gas-fired appliances for use at high altitudes
CSA 4.96	Outdoor gas fireplace
CSA 5.90	Gas fired infrared patio heaters
DOE 10 CFR 430	Energy - test procedures for the measurement of energy and water consumption



SCOPE OF ACCREDITATION

EN 30-1-1	Domestic cooking appliances burning gas – part 1-1: safety - general
EN 203-1	Gas heated catering equipment - part 1: general safety rules
EN 303-5	Heating boilers – part 5: heating boilers for solid fuels, manually and automatically stoked, nominal heat output of up to 500kW – terminology, requirements, testing and marking
EN 498	Specification for dedicated liquefied petroleum gas appliances - barbecues for outdoor use contact grills included
EN 613	Independent gas-fired convection heaters
EN 13240	Room heaters fired by solid fuel - requirements and test methods
EN 14785	Residential space heating appliances fired by wood pellets - requirements and test methods
EPA 5G	Determination of particulate emissions from wood heaters from a dilution tunnel sampling location
EPA 5H	Determination of particulate matter emissions from wood heaters from a stack location
EPA 28	Certification of auditing of wood heaters
EPA 28A	Measurement of air-to-fuel ratio and minimum achievable burn rates for wood-fired appliances
EPA OWHH 28	Outdoor wood-fired hydronic heaters
IAS U.S. Requirement No. 8-93	Gas-fired log lighters for wood burning fireplaces
NZS 5262	Gas appliance safety (as related to ANSI Z21.11.2, ANSI Z21.86, AS 2658, AS 4553, AS 4558 and AS 4565)
ORD-C127	Composite fire logs
ORD-C127.1	Composite fire-log starters
ORD-C441	Pellet vents
ORD-C1482	Space heaters for use with particulate solid fuels
UL 103	Standard for factory-built chimneys for residential type and building heating appliances
UL 127	Standard for factory-built fireplaces



SCOPE OF ACCREDITATION

UL 307A	Standard for liquid fuel-burning heating appliances for manufactured homes and recreational vehicles
UL 307B	Standard for gas-burning heating appliances for manufactured homes and recreational vehicles
UL 372	Automatic electrical controls for household and similar use - part 2: particular requirements for burner ignition systems and components
UL 378	Standard for draft equipment
UL 391	Standard for solid-fuel and combination-fuel central and supplementary furnaces
UL 441	Standard for gas vents
UL 462	Standard for heat reclaimers for gas-, oil-, or solid fuel-fired appliances
UL 641	Standard for type L low-temperature venting systems
UL 726	Standard for oil-fired boiler assemblies
UL 727	Standard for oil-fired central furnaces
UL 731	Standard for oil-fired unit heaters
UL 733	Standard for oil-fired air heaters and direct-fired heaters
UL 737	Standard for fireplace stoves
UL 896	Standard for oil-burning stoves
UL 907	Standard for fireplace accessories
UL 969	Standard for marking and labeling systems
UL 1370	Standard for unvented alcohol fuel burning decorative appliances
UL 1479	Standard for fire tests of penetration firestops
UL 1482	Standard for solid-fuel type room heaters
UL 1618	Standard for wall protectors, floor protectors, and hearth extensions
UL 1738	Standard for venting systems for gas-burning appliances, categories II, III, and IV
UL 1776	Standard for high-pressure cleaning machines
UL 1777	Standard for chimney liners



SCOPE OF ACCREDITATION

UL 2115	Standard for processed solid-fuel fire logs
UL 2162	Standard for commercial wood-fired baking ovens - refractory type
UL 2523	Standard for solid fuel-fired hydronic heating appliances, water heaters, and boilers
UL 2728	Pellet fuel burning cooking appliances
ULC ORD-C627.1	Unvented ethyl alcohol fuel burning decorative appliances
ULC/ORD-C2728	Pellet Fuel Burning Cooking Appliances
ULC S604	Standard for factory-built type A chimneys
ULC S605	Standard for gas vents
ULC S609	Standard for low temperature vents type L
ULC S610	Standard for factory-built fireplaces
ULC S627	Standard for space heaters for use with solid fuels
ULC S628	Standard for fireplace inserts
ULC S629	Standard for 650°C factory-built chimneys
ULC S632	Standard for heat shields
ULC S635	Standard for lining systems for existing masonry or factory-built chimneys and vents
ULC S640	Standard for lining systems for new masonry chimneys
ULC S641	Standard for factory-built chimney connectors and wall pass-through assemblies

AGA: American Gas Association

CFR: Code of Federal Regulations

CGA: Compressed Gas Association

DOE: Department of Energy

EPA: Environmental Protection Agency

IAS: International Approval Standards

NSF: National Sanitation Foundation

ORD: Other Recognized Document

UL: Underwriters Laboratories



SCOPE OF ACCREDITATION

ULC: Underwriters Laboratories Canada

