

CERTIFICATE OF ACCREDITATION

This is to attest that

PERMA-PIPE MIDDLE EAST LLC

92HR4, AL MAHDAR STREET, ICAD 2, MUSAFFAH ABU DHABI, 93283, UNITED ARAB EMIRATES

Testing Laboratory TL-1289

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date October 10, 2024



International Accreditation Service

Issued under the authority of IAS management

Visit www.iasonline.org for current accreditation information.

SCOPE OF ACCREDITATION

International Accreditation Service, Inc. 3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | www.iasonline.org

PERMA-PIPE MIDDLE EAST LLC

Contact Name Denis Mallari

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Accredited to ISO/IEC 17025:2017

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| Mechanical | |
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| ASTM C518 | Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus |
| ASTM D1621 | Standard Test Method for Compressive Properties of Rigid Cellular Plastics |
| ASTM D2240 | Standard Test Method for Rubber Property—Durometer Hardness |
| BS EN 253 | District heating pipes. Bonded single pipe systems for directly buried hot water networks. Factory made pipe assembly of steel service pipe, polyurethane thermal insulation and a casing of polyethylene Only Clauses: 5.3.2.1 Cell size 5.3.2.2 Closed Cell Content 5.3.5 Water Absorption 5.4.1 Axial shear strength |
| ISO 527-1 | Plastics — Determination of tensile properties Part 1: General principles |
| ISO 527-2 | Plastics — Determination of tensile properties Part 2: Test conditions for moulding and extrusion plastics |
| ISO 845 | Cellular plastics and rubbers — Determination of apparent density |
| ISO 868 | Plastics and ebonite — Determination of indentation hardness by means of a durometer (Shore hardness) |
| ISO 1183-1 | Plastics — Methods for determining the density of non-cellular plastics Part 1 Only Method A: Immersion Method |
| PERMA-PIPE Internal Procedure Ref. # PP-QAD-PRC-001- 004-24 | Thickness Measurement by Tape/ Caliper Insulation Concentricity Insulation Cutback Measurement Insulation Thickness Measurement by OD (as applied) |

