Laboratory Accreditation Programmes

Schedule to

CERTIFICATE OF ACCREDITATION

Iplex Pipelines NZ Limited **Client Number 53**
Technical Services Laboratory

Private Bag 11019, Manawatu Mail Centre, Palmerston North, 4442
67 Malden Street, Roslyn, Palmerston North, 4414

Telephone 06 358-2004 **www.iplex.co.nz**

Authorised Representative
Claire Herring
National EHSQ Manager

Programme
Mechanical Testing Laboratory

Accreditation Number 61 **Initial Accreditation Date** 2 May 1977

Conformance Standard
ISO/IEC 17025:2017
General requirements for the competence of testing and calibration laboratories

Laboratory Services Summary

4.69	Plastics and Plastic Products

Key Technical Personnel

Mr Dennis Dugmore	4.69
Mr Andrew Kerslake	4.69

IANZ; Building 7, Central Park, 660-670 Great South Road, Ellerslie, Auckland 1051
Private Bag 28908, Remuera, Auckland 1541
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Iplex Pipelines NZ Limited
Mechanical Testing Laboratory
SCOPE OF ACCREDITATION

Accreditation Number 61

4.69 Plastics and Plastic Products

The following tests in accordance with AS/NZS 1462 Methods of test for plastics pipes and fittings:

AS/NZS 1462.1:2006	Dimensions of pipes and fittings
AS/NZS 1462.3:1998	Impact characteristics of pipes (at 20° C)
AS/NZS 1462.4:2002	Reversion of plastic pipes
AS/NZS 1462.6:2008	Thermoplastics pipes, fittings and assemblies for the transport of fluids under pressure - Resistance to internal pressure (excluding angular deflection and offset)
AS/NZS 1462.8:2008	Leak tightness of assemblies (excluding deflection test)
AS/NZS 1462.11:1996	High temperature stress-relief testing of fittings
AS/NZS 1462.13:2006	Elastomeric seal joint contact width and pressure
AS/NZS 1462.16:2006	High temperature test of pipe
AS/NZS 1462.19:2006	C-ring test for fracture toughness of PVC pipes
AS/NZS 1462.22:2023	Ring stiffness
AS/NZS 1462.23:2006	Ring flexibility

The following tests in accordance with AS/NZS 4129:2020 Fittings for polyethylene (PE) pipes for pressure applications:

Resistance to internal pressure, electrofusion joint

The following test in accordance with other methods:

ISO 13953:2001	Polyethylene (PE) pipes and fittings — Determination of the tensile strength and failure mode of test pieces from a butt-fused joint
ISO 23228:2011	Thermoplastics pipes for the conveyance of fluids — Determination of the stress-rupture resistance of moulding materials using plain strain grooved tensile (PSGT) specimens
ISO 3127:1994	Thermoplastic pipes – Determination of resistance to external blows — Round-the-clock method
BS EN ISO 11357-3:2018	Differential Scanning Calorimetry (DSC), Determination of temperature and enthalpy of melting and crystallization
BS EN ISO 11357-6:2018	Differential Scanning Calorimetry (DSC), Determination of oxidation induction time (isothermal OIT) and oxygen induction temperature (dynamic OIT)

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