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PPN- The Leading Source of Industry News on Polymer Pipes and Plastic Pipe Failure

NEWSMAKERS: * Aliaxis * ExcelPlas * Fletcher Builder * Geberit * Georg Fischer * Iplex * ISCO * McElroy * PACT * PIPA * Qenos * Rehau

Aliaxis Completes Stock Purchase of Major US Pipe Manufacturer (PEX, PE, PVC, and CPVC) and Expands Presence in North America

<https://aliaxis.com/aliaxis-completes-stock-purchase-of-silver-line-plastics/>

2019 OZPIPE Delegates List as at Tuesday 5 November 2019 (Declassified)

https://www.conferenceco.com.au/ozpipe/OZPIPE_Participantslist.pdf

PACT Groups Cleared of Dumping Charges Brought by Qenos

<http://cloud.excelplas.com/index.php/s/ZfFzlwzlgc8gyh#pdfviewer>

Melbourne Luxury Apartment Developers Save Substantially with Geberit HDPE Piping and EF Fittings

<https://www.architectureanddesign.com.au/suppliers/geberit/melbourne-luxury-apartment-developers-save-substan#>

Next Generation Pre-Insulated Piping from GF Improves Cooling Efficiency and Reduces Maintenance & Operation Costs

https://www.gfps.com/country_US/en_US/service_and_support/news/next-generation-pre-insulated-piping-system-improves-cooling-efficiency-and-reduces-maintenance-and-operation-

[costs.html](#)

City Experiences a \$4.5 million Cured-In-Place Pipe (CIPP) Lining Failure (Video)

<https://www.youtube.com/watch?v=uDUNsfr-D14>

ExcelPlas Investigates Catastrophic Pipe & Fitting Failures Around Australia

ExcelPlas can test how thermoplastics pipes behave under load or deformation including creep, stress relaxation, recovery, creep rupture and crack growth

Our polymer pipe team features experts in testing of plastic pipes, polyethylene water pipes, pipe extrusion, oil & gas pipes, failure analysis, plumbing, heat fusion and electrofusion.

<http://www.excelplas.com/>

ISCO HDPE Piping Case Study - ISCO becomes first in the HDPE industry to fuse a 54-inch 90 degree elbow with the McElroy Talon 2000 machine

<https://isco-pipe.com/wp-content/uploads/2019/09/Gallatin-CCR-Project-Field-Report.pdf>

PE-RT and HDPE: The Piping Power Couple For Chilled And Hot Water Lines For New Hospital

[https://isco-pipe.com/wp-](https://isco-pipe.com/wp-content/uploads/2019/11/ISCO_PERT_ChilledHotWater_Tucson_Banner6177.pdf)

[content/uploads/2019/11/ISCO_PERT_ChilledHotWater_Tucson_Banner6177.pdf](https://isco-pipe.com/wp-content/uploads/2019/11/ISCO_PERT_ChilledHotWater_Tucson_Banner6177.pdf)

Iplex Helping to Drought-Proof Broken Hill with HDPE Pipes

<https://www.iplax.com.au/news-and-case-studies/fabrication-case-studies/helping-drought-proof-broken-hill/>

Experimental Assessment of the State of the Lining Materials used in the Rehabilitation of Sewers in Residential Buildings

<https://www.sciencedirect.com/science/article/pii/S2214509519303936>

Prediction of Failure Pressure for Defective Pipelines Reinforced with Composite System, Accounting for Pipe Extremities

<https://link.springer.com/article/10.1007/s11668-019-00782-z>

REHAU to Exhibit both the RAUTITAN heating and plumbing system and RAUPIANO pipework systems at the upcoming Specifi London building services event

<https://www.buildingtalk.com/rehau-to-showcase-rautitan-and-raupiano-at-specifi-london/>

Australian Poly Solutions Specialises in HDPE Pipe Fusion Welding and Hydrostatic Testing Services with Knowhow and Experience you can rely on

<https://www.aussiepoly.com.au/>

RITMO: APP - SET & GO! PRO Butt Fusion for Pressure Pipe

<https://www.ritmo.it/en/butt-fusion-for-pressure-pipe/app-set-go-pro/>

Video: <https://youtu.be/YP4GmmBdufU>

ExcelPlas - the Australian Pipes & Fittings Testing Laboratory

- Accredited to ISO 17025 by the National Association of Testing Authorities (NATA) Australia, and is Australia's largest laboratory dedicated for the testing of plastic pipes and fittings to various Standards which include Australian, European and International Standards.
- The staff employed at the laboratory have a combined experience of more than 85 years within the plastics industry specifically with manufacturing, quality control and the research and development of plastic piping systems including HDPE, PEX, PP-R, PVC, U-PVC, M-PVC, O-PVC, ABS, GRP, GRE and PB.
- Services provided include conformance testing, compliance testing, batch release testing, root cause analysis for field failures and non-destructive testing of samples.
- <http://www.excelplas.com/>

ExcelPlas Lab Specialising in HDPE Pipe Condition Monitoring, Failure Analysis and Testing

In the event of a HDPE butt weld or electrofusion weld failing during initial testing, or in service, we can conduct investigations to assist in identifying the root cause of the failure.

This service also extends to the premature failure of the pipe or fitting itself.

<http://www.excelplas.com/plastic-pipes>

ExcelPlas Pipe Testing is a Leader in the Field of Polyethylene (PE) and High-Density Polyethylene (HDPE) Testing

ExcelPlas is accredited with the National Association of Testing Authorities (NATA) for butt weld tests, bend and tensile tests, peel decohesion tests on electro fusion sockets and failure mode determination

<http://www.polypipetesting.com.au/butt-fusion-welds/>

New UHMWPE Pipe for Tailing Offers Greater Than 4X the Abrasion Resistance of PE100 (Australia wide)

<http://slurrypipes.com.au/>

ExcelPlas Poly Pipe Weld Inspection Lists Top 7 Causes of Weld Failure:

- Lack of scraping
- Inaccurate scraping
- Contamination from dirt, water, oil or clays
- Lack of Paralell-ness of fusion faces
- Misalignment of surfaces
- Time, temperature and pressure deviations
- Not adhering to cool times

We have extensive experience in inspection of poly pipe welds for assuring welded joint quality. Direct Poly Pipe Inspection ensures that operators are following the proven welding procedure; this reduces the occurrences of operational errors which lead to defects such as inclusions, lack of fusion (LoF), porosity and misalignment.

More information, contact john@excelplas.com

Get Your HDPE Pipe Products or Services Noticed – Advertise in Poly Pipe News (PPN) Australia

<https://www.polypipenews.com.au/advertise/>

This Newsletter is brought to you by Excelplas Labs, Australia's Largest group of Poly Pipe Testing Labs.

Pipe Poly News (PPN) is now Australia's most current and comprehensive source of news on Polyethylene pipes and Poly Pipe Welding;

Poly Pipe News is now sent to over 4500 Poly Pipe Industry Members every week.

Any news requests should be sent to john@excelplas.com
To subscribe, visit <https://www.polypipenews.com.au/subscribe/>

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