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

Let's Talk About Tradelink, a Competitor to Plumbing Supply Company Reece

<https://www.intelligentinvestor.com.au/why-reading-the-annual-report-isnt-enough-1904006>

Third Shipment of 6,500m of 1.8 metre diameter Flowtite® GRP pipes has arrived in Townsville from RPC Pipe Systems plant in Lonsdale SA

<https://www.rpctechnologies.com/third-pipe-shipment-arrives-for-haughton-pipeline-1-3-2019/>

Concerns Surrounding South Australian-made pipes being used in the Townsville water pipeline from the Burdekin River

<https://cloud.excelplas.com/index.php/s/le1b154gF0TK1Iq/download>

World Plumbing Conference Melbourne 2019 – Speakers Announced

Phil Woolhouse started investigating piping failures in 2012 when he was initially focussed on a German-engineered polypropylene random copolymer ('PP-R') piping system that had been used successfully in Europe for more than 20 years but was showing signs of failure in Australian buildings.

<https://www.worldplumbingconference.com/program/speakers/>

The Fatigue Performance of Electrofusion Tapping Tees Subject to Contamination (New Research)

<https://www.sciencedirect.com/science/article/pii/S0308016117300807>

ExcelPlas Australia Showcases its New Automated Geosynthetic & Polypipe Testing Laboratory

<https://www.youtube.com/watch?v=08z35lAdYLM>

SPE Plastic Pipe Conference is Philly Bound

<https://www.plasticstoday.com/extrusion-pipe-profile/spe-plastic-pipe-conference-philly-bound/61863763660454>

Remote Monitoring & Detection of Leaks in HDPE Pipelines Using the Sensor System

https://www.youtube.com/watch?time_continue=54&v=QzLvrgSOiQM

Spotlight on Sliplining: HDPE is THE Trenchless pipe for lots of reasons. No joints is the first reason, but look at how easy this 48" DR 17 gets pushed into a low pressure, steel force main in Miami. This 500' run was pushed in completely in less than 20 minutes and cost 40% less than open cut.

<https://www.facebook.com/pepipeorg/videos/247230719558581/>

HDPE VS. PVC PIPING FOR POWER GENERATION APPLICATIONS

<https://www.processingmagazine.com/hdpe-vs-pvc-piping-for-power-generation-applications/>

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
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