

December 2019 Vol. 1

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

NEWSMAKERS: * EXCELPLAS * Fletcher Builder * Georg Fischer * ISCO * McElroy * PIPA * Qenos * Rehau

Man Critical After Water Pipe Bursts at NSW Construction Site

<https://www.news.com.au/national/nsw-act/news/man-critical-after-incident-at-darling-harbour-construction-site/news-story/2cb215c9417c33c8c81c7721773b1913>

Switzerland-based Georg Fischer and UAE-headquartered Corys to Establish a New Company for Producing Polyethylene Pipes in Middle East

https://www.zawya.com/mena/en/business/story/Egypt_Gas_sets_up_PE_pipes_manufacturing_firm_with_21mln_capital-SNG_160476025/

Qenos Develops Method for Making Polyethylene-Carbon Nanocomposites for HDPE Pipes Using Nanoparticles Dispersed in Low Melt Flow Index PE

<https://patents.justia.com/patent/20190010316>

Highlighting the Use of PE100-RC in Trenchless Applications

<https://www.pe100plus.com/PE-Pipes/news/Use-of-PE100-RC-in-trenchless-applications-i2209.html>

Release of Fire-Derived Contaminants from PVC Pipes [PDF]

<https://www.mdpi.com/2305-6304/7/4/57/pdf>

Rapid Welding Technology for Polyethylene Gas Pipes at Temperatures Below Standard

<https://iopscience.iop.org/article/10.1088/1757-899X/681/1/012041/pdf>

Chlorine Dioxide Degradation Issues on Metal and Plastic Water Pipes Tested in Parallel in a Semi-Closed System

<https://www.mdpi.com/1660-4601/16/22/4582/htm>

Fletcher Building Tips 35pc Jump in Housing Approvals

<http://cloud.excelplas.com/index.php/s/TqVcoAcPgRgcy0R#pdfviewer>

REHAU's RAUTHERM PE-xa Underfloor Heating Pipe to be Installed in a Total of 685 Apartments Across 67 Floors

<https://www.buildersmerchantsjournal.net/rehau-reaches-new-heights-at-south-quay-plaza/>

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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