

August 2019 Vol. 1

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

NEWSMAKERS: * APGA * ExcelPlas * Lyondell Basell * PIPA * Reece

PIPA Invitation: Great Opportunity to Learn how PIPA is acting to Advance the Cause of Quality Plastics Pipe and Fitting Systems in Australia

<https://www.pipa.com.au/index.php/notice-of-annual-general-meeting/>

CSG Seminar on HDPE Piping in Gas, August 2019 (Thursday, 8 August 2019)

<https://www.apga.org.au/events/csg-seminar-august-2019>

Liquidated Plumbing Company That Installed Wrong Pipes at Hospital Owes Inland Revenue More than \$1m

<https://www.rnz.co.nz/news/national/395762/liquidated-plumbing-company-owes-ird-more-than-1m>

High Water Flow Rates Are Not Causing Pipe Failures

<https://search.informit.com.au/documentSummary:dn=403782191981780;res=IELENG;type=pdf>

Plumbing Connection - Winter 2019 [Page

36-40]: <https://cloud.excelplas.com/index.php/s/wIG37K6kpw6P2Zi>

Plumbing Connection - Winter 2019

[FULL]: [https://plumbingconnection.com.au/wp-content/uploads/flipbooks/PC-](https://plumbingconnection.com.au/wp-content/uploads/flipbooks/PC-Winter-2019/HTML/files/assets/common/downloads/Plumbing%20Connection%20-%20Winter%202019.pdf)

[Winter-2019/HTML/files/assets/common/downloads/Plumbing Connection - Winter 2019.pdf](https://plumbingconnection.com.au/wp-content/uploads/flipbooks/PC-Winter-2019/HTML/files/assets/common/downloads/Plumbing Connection - Winter 2019.pdf)

'Piping Systems Destined for Failure' by Phil Woolhouse, PWH (AUS)

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

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/>

Reece Announces 7% Price Hike on Iplex Pipes

<https://www.reece.com.au/outlet/2019/jul/main-price-changes-september-2019>

Lyondell Basell Publish Video Webinar: Benefits of PB-1 for Pressure Piping Systems

<https://www.pbpsa.com/articles/content/lyondellbasell-pb-1-webinar>

Lyondell Basell Publish PDF Webinar: Benefits of PB-1 for Pressure Piping Systems

<https://www.pbpsa.com/uploads/files/resources/webinar-benefits-of-pb-1-for-pressure-piping-systems-7-march-2019.pdf>

ExcelPias Australia Showcases its Sophisticated New Polymer and Pipe Testing Laboratory

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

New Patent for Fusible Size-On-Size Or Reduced Branch Fitting For Use With Polyethylene Pipe

<http://www.freepatentsonline.com/20190137024.pdf>

A Residual Lifetime Prediction Method of In-Service Polyethylene Gas Pipes

http://event.asme.org/Events/media/library/resources/pvp/2019_conference_program_v6_WEB.pdf

Sustained Pressure Test Results for Surface Scratches in PE4710, Cell Classification

445574C High Density Polyethylene Pipe Material

http://event.asme.org/Events/media/library/resources/pvp/2019_conference_program_v6_WEB.pdf

CCG of PE100 and Life Prediction of PE Pipe with Axial Semi-Elliptical Crack

http://event.asme.org/Events/media/library/resources/pvp/2019_conference_program_v6_WEB.pdf

Burst Pressure of Glass Fiber Reinforced Polyethylene Pipes with Delamination Defect

http://event.asme.org/Events/media/library/resources/pvp/2019_conference_program_v6_WEB.pdf

Mechanical Enhancement and Strain Sensing of Electrofusion Joint with Carbon-Fiber-Reinforced Polyethylene

http://event.asme.org/Events/media/library/resources/pvp/2019_conference_program_v6_WEB.pdf

Development of Chinese Standard on Ultrasonic Inspection for Electrofusion Joint of Polyethylene Pipe

http://event.asme.org/Events/media/library/resources/pvp/2019_conference_program_v6_WEB.pdf

Ultrasonic Phased Array Inspection with Water Wedge for Butt Fusion Joints of Polyethylene Pipe

http://event.asme.org/Events/media/library/resources/pvp/2019_conference_program_v6_WEB.pdf

Joint Venture to Build 1st Reinforced Polyethylene Pipe Factory in Oman

- http://www.xinhuanet.com/english/2019-08/07/c_138288840.htm

- <https://timesofoman.com/article/1725271/Business/Work-on-Omans-first-polyethylene-pipe-factory-begins-at-SEZD>

Register of Approved PE100 and Electrofusion Products for use in Water Services Infrastructure

<https://www.wellingtonwater.co.nz/assets/Uploads/Approved-Products-Register-20190801.pdf>

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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