

# January 2020 Vol. 3

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

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NEWSMAKERS: \* AGRU \* ASTM \* CertMark \* iPipe \* OzWater \* Rehau \* Reece \* Uponor \* Zurn

### **iPipe Administrators Attempt 'Claw Back' of Arrow Payments**

<https://insolvencynotices.asic.gov.au/browsesearch-notices/notice-details/IPipe-Services-Pty-Ltd-163967100/5a7b432c-3968-4fb1-a203-c08e98fe096f?appointment=Voluntary%20Administration>

### **AGRU \$29.6 million investment has enabled the company to Now Produce the Largest Diameter HDPE Pipes in the World, with an Outer Diameter of 3,500 mm**

<https://agruamerica.com/hdpe-pipe-manufacturers-usa/>

### **55 km of PE 4710 IPS DR 11 HDPE pipe from Pipeline Plastics LLC installed in Arctic**

<https://www.wwdmag.com/alarming-supply-arctic>

### **Uponor NA Signs Agreement With Pestan a supplier of PP-RCT Pipe and Fittings (Breaking News)**

<https://www.contractormag.com/piping/press-release/20884215/uponor-na-signs-agreement-with-pestan>

### **Solvay's New HMW HALS Capacity Now Online, Satisfies Demand For Light Stabilizers**

<https://www.chemicalonline.com/doc/solvay-s-new-hmw-hals-capacity-now-online-satisfies->

[demand-for-light-stabilizers-0001](#)

**New CEO and CFO Appointed at REHAU (Breaking News)**

<https://www.contractormag.com/management/press-release/20883443/new-ceo-and-cfo-at-rehau>

**ASTM Suspends and Withdraws All Polybutylene Pipe Standards**

<https://www.astm.org/COMMIT/SUBCOMMIT/F1761.htm>

**MEET THE EXHIBITORS for Ozwater'20 (5-7 May, Adelaide)**

<https://ozwater.org/meet-our-exhibitors>

**Effect of Traffic Load on the Mechanical Characteristics of HDPE Double-Wall Corrugated Pipe**

<https://www.mdpi.com/2076-3417/10/2/627/pdf>

**Zurn Patents Constant Strain Expansion Tool Head for PEX Pipe**

<https://patents.google.com/patent/US20190351605A1/en>

**Analysis of HDPE Pipe Construction Process in Municipal Water Supply and Drainage Construction**

<http://ojs.bbwpublisher.com/index.php/JARD/article/view/1005/859>

**Behaviour of Water Pipe at Different Temperatures**

<http://riicts.mundis.pt/index.php/riicts/article/download/24/18>

**Shares in Reece Plumbing Hit 52 Week High**

<https://rivertonroll.com/news/2020/01/22/reece-asxreh-reaches-new-52-week-high-at-11-95.html>

## **Study of Mineral Scale Buildup on PE Water Pipes for Acid Mine Drainage Treatment Applications**

<https://www.sciencedirect.com/science/article/pii/S2300396020300021>

## **Trucks 'Operate Around the Clock' to take Sludge after Wellington Waste Pipe Fails**

<https://www.stuff.co.nz/dominion-post/news/wellington/118981670/trucks-operate-around-the-clock-to-take-sludge-after-wellington-waste-pipe-fails>

## **Australian Plastic Pipe Testing Laboratory**

ExcelPlas Laboratories provides a comprehensive plastic pipe joint testing service and is equipped with a state of the art laboratory to test a range of polymer materials including polyethylene and polypropylene. ExcelPlas can carry out testing on plastic tube and pipe ranging in wall thickness from 3 mm to 80 mm. ExcelPlas Laboratories provide a comprehensive service to Industrial & commercial companies, environmental consultants, Government bodies and local Authority customers throughout Australia & NZ. All testing is carried and out in accordance with ISO & ASTM methods and is fully accredited to ISO 17025 by NATA.

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

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## **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/>

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## **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](mailto: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](mailto:john@excelplas.com)  
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