

# January 2018 Vol. 1

Author : PPN

## PPN – World's Leading Source of Breaking News on Poly Pipes

Your Global Source of Poly Pipe News and Technology. Current and Updated!

### **Vinidex Australia Appoints New CEO (Breaking News)**

<https://pacetoday.com.au/mark-nykiel-appointed-ceo-vinidex-mark-nykiel-appointed-new-chief-executive-officer-vinidex-vinidex-australias-leading-manufacturer-supplier-pipe-systems/>

### **Iplex Pipelines Seeking Regional Sales Manager for Sydney**

<https://au.linkedin.com/jobs/view/regional-sales-manager-at-iplux-pipelines-516426109>

### **Presentation on Long-Length Large Diameter (LLLD) PE Pipes [PDF] (Declassified)**

<https://felles.trd.atea.no/pipelife/Diverse/PE%20long%20length%20pipes%20presentation.pdf>

### **ExcelPlas Labs Develop Testing Regime for Determining Ageing and Service life of In-Service HDPE Pipes**

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

### **If you want your Worldpoly machine calibrated we can assist you with this both in Melbourne and interstate**

<http://www.worldpoly.com/pages/service>

### **Supply of HDPE Pipes (57 km) for Tasmania Dam Project [PDF] (Declassified)**

[http://www.federalfinancialrelations.gov.au/content/npa/environment/project-agreement/Schedule\\_E.pdf](http://www.federalfinancialrelations.gov.au/content/npa/environment/project-agreement/Schedule_E.pdf)

### **Roy Hill Iron Ore to Install Estimated 220 km of HDPE pipeline Ranging in Diameter up to DN800**

<https://www.wwdmag.com/dewatering-equipment/pumping-iron>

### **Expression of Interest to Supply HDPE Pipes 223 km (D40-160mm), 67 km (D225-280) and 31 km (D315-450 mm)**

<https://www.adb.org/sites/default/files/tenders/vie2961-hue-cw05.pdf>

### **World Poly Delivers New 2500 mm Field Welding Machine for HDPE Pipes to Turkey**

<http://eepurl.com/dgEluT>

### **Calder Griffon Claims to be the Most Popular Electrofusion Welding Solution in Australia**

<https://www.offshore-technology.com/contractors/pipes/caldertech-australia/pressreleases/calder-griffon-welder/>

### **Ostwald Brothers (QLD) Issue Report to Creditors**

<http://www.ostwaldbros.com.au/assets/Uploads/NewFolder/Ostwald-Construction-Materials-2nd-Report-to-Creditors-003.pdf>

### **Cable-in-conduit Project Wins Award from Plastics Pipe Institute**

<http://www.cablinginstall.com/articles/2017/120/southwire-cable-in-conduit-project-mentone-tx.html>

### **Slow Crack Growth Evaluation of Vintage Polyethylene Pipes (New Research)**

<https://trid.trb.org/view/1492883>

### **Protection of Buried Pipe under Repeated Loading by Geocell Reinforcement [PDF]**

<http://iopscience.iop.org/article/10.1088/1755-1315/95/2/022030/pdf>

### **Collapse Analysis of Longitudinally Cracked HDPE Pipes (New Research)**

[https://link.springer.com/chapter/10.1007/978-3-319-66697-6\\_54](https://link.springer.com/chapter/10.1007/978-3-319-66697-6_54)

### **HDPE Pipe Failure Analysis Under Overpressure in Presence of Defect (New Research)**

[https://link.springer.com/chapter/10.1007/978-3-319-66697-6\\_101](https://link.springer.com/chapter/10.1007/978-3-319-66697-6_101)

### **ASME Publishes Acceptance Limits for Subsurface Voids in HDPE Piping**

<http://proceedings.asmedigitalcollection.asme.org/proceeding.aspx?articleid=2660767>

### **Simplified Method to Determine Resistance to Rapid Crack Propagation in Polyethylene Pipes (New Research)**

<http://aip.scitation.org/doi/pdf/10.1063/1.5017361>

### **Study of Temperature Distribution During Fusion Welding of HDPE Pipes in the Field [PDF] (New Research)**

[http://www.ijaemr.com/uploads/ijaemr\\_01\\_191.pdf](http://www.ijaemr.com/uploads/ijaemr_01_191.pdf)

### **McElroy Introduces New Spider Welding Tool**

<https://ucononline.com/2017/12/11/mcelroy/>

### **Fast Fusion MFT20's for Sale - Second Hand Low Hour and Unused Machines Now Available**

<http://highcountryfusion.com.au/wp-content/uploads/2017/10/MFT2027s-expression-of-interest.pdf>

### **New McElroy Trackstar 1200 Arriving Soon**

High Country Fusion Pty Ltd Offering a Large Range of McElroy Hire Fleet - Parts and Service  
<http://highcountryfusion.com.au>

### **For Sale - Olympus TOF-D Non-Destructive Ultrasonic Test Equipment "AS NEW" for HDPE Weld Inspection - Complete System**

<http://cloud.excelplas.com/index.php/s/JbyOM0ploWDFOhO/download>

## **Forensic Failure Analysis of HDPE Pipes and Fittings by ExcelPlas Labs**

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](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)

To subscribe, visit <https://www.polypipenews.com.au/subscribe/>

2018 Copyright ExcelPlas Labs ?