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

Breaking News – China is Next Major Market for PE100 Pipe Compounds as China's Water Standards Committee revises the PE water pipe standards

<http://wam.ae/en/details/1395302763833>

Borouge Announces Future Growth Plans in PE100

Borouge has announced that it will significantly increase production of pre-compounded black polyethylene for pressure pipe applications

<https://www.transportandlogisticsme.com/global-news/2019/05/21/borouge-announces-future-growth-plans>

Borouge Announces Future HDPE Pipe Resin Growth plans at Chinaplas 2019

The company's decision to expand capacity of HDPE black product follows soon after China's Water Standards Committee revised the PE water pipe standards

<http://wam.ae/en/details/1395302763833>

PIPA Updates POP004 'POLYETHYLENE PIPE AND FITTINGS COMPOUNDS'

<https://www.pipa.com.au/wp-content/uploads/2019/05/POP004.pdf>

PIPA Updates 'POP004A SUPPLEMENTARY LIST – MATERIALS SPECIFIC TO ELECTROFUSION AND MOULDED FITTINGS'

<https://www.pipa.com.au/wp-content/uploads/2019/05/POP004A.pdf>

C2H Piping Services is looking for an experienced plastic fabricator to join the Mackay team ASAP

Email JordanHall@c2hps.com.au or visit <http://www.c2hps.com.au/>

Upcoming Talk - 'Best Practice in Butt Fusion of Large Diameter HDPE'

Sergio Arellano, International Sales Manager (Asia Pacific), McElroy Manufacturing Inc. and Jeroen Wassenaar, Market Segment Manager, Qenos
<https://www.conferenceco.com.au/APGA/Program.html>

The Economic Edge of HDPE Pipes in Water Systems – AGRU USA

<https://agruamerica.com/large-diameter-plastic-pipe/>

Failed Fusion Welds in HDPE Piping

<https://www.victaulic.com/blog/hdpe-couplings-rescue-a-landfills-failed-fusion-welds/>

Failure Analysis of HDPE Ring Hoop Tension Test (RHTT) Specimens under Different Loading Conditions

https://www.researchgate.net/publication/326533986_Failure_Analysis_of_Ring_Hoop_Tension_Test_RHTT_Specimen_under_Different_Loading_Conditions

Failure Analysis on Pressure Leakage of FRP Pipe

<https://link.springer.com/article/10.1007/s12221-019-8617-5>

Fusible PVC Pipes Replaces Ageing Water Pipeline by Horizontal Directional Drilling (HDD)

<https://www.trenchlessinternational.com/2019/04/24/hdd-replaces-ageing-water-pipeline/>

Expanding Capabilities for HDPE Pipe – Feature Article

<https://utilitymagazine.com.au/expanding-capabilities-for-hdpe-pipe/>

An Investigation into Property Variances Between Outer and Inner HDPE Pipe Layers [PDF]

<http://mechanika.ktu.lt/index.php/Mech/article/view/22115/9922>

PIPE FUSION ICON MCELROY CELEBRATES 50 YEARS (Congratulations)

<https://compactequip.com/business/pipe-fusion-icon-mcelroy-celebrates-50-years-enjoy-some-historic-photos/>

Australia 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/>

FHS Offering Deals on Plasson Poly Code Electrofusion Pipe Welder

<http://www.fhs.com.au/-Equipment-/Electrofusion-Welding/Electrofusion-Welders/Plasson-Poly-Code-Electrofusion-Control-Box>

Lifespan of HDPE and PVC Pipes (Info Graphic)

<https://www.trenchlesspedia.com/infographic-the-lifespan-of-steel-clay-hdpe-and-pvc-pipes/2/4135>

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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