



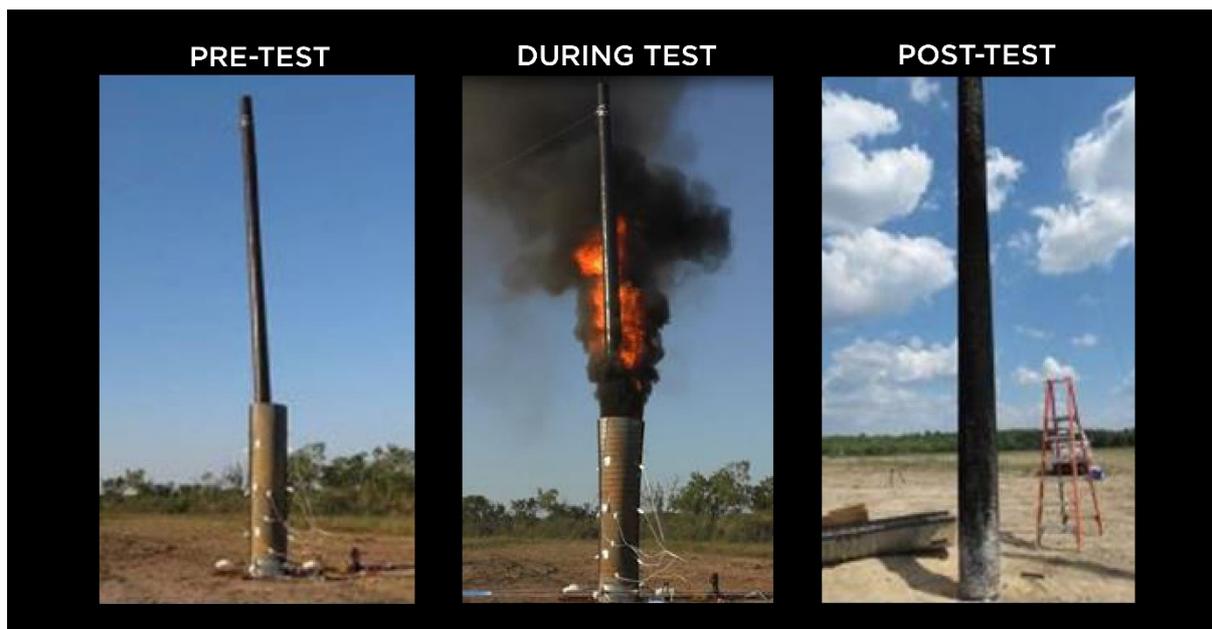
PRESS RELEASE

TFP Announce New Application for Tecnofire® in Composite Utility Poles

Technical Fibre Products Ltd (LSE: CRPR)
Burnside UK, 9th March 2020

TFP's TECNOFIRE® materials provide effective fire protection in a wide variety of applications and have been specified for use in construction products, aircraft, bridges, buses, trains and architectural fire doors.

The latest successful application for TECNOFIRE® is composite utility poles, manufactured by Valmont Industries, Inc., a leading producer of utility structures. The composite poles are used as transmission and distribution poles and have to withstand rigorous fire testing to ensure that they maintain their integrity in the event of a fire. This requires them to pass the USA Utility Company Consortium Fire Tests and withstand temperatures of 1150°C / 2100°F without significant structural loss. Valmont incorporates one of TFP's infusible TECNOFIRE® grades into their composite structure which is fabricated using centrifugal casting and filament winding. The TECNOFIRE® will activate in the event of a fire to produce a stable insulating char and thereby ensure the structural integrity of the pole. Photos from the fire testing are shown below and include before, during and after images:



There is no specific standard for the simulated Wildfire Test carried out; in this case the set up devised by Mark Ackerman, a forest fire expert, was used in which the utility pole is enclosed within

a steel culvert and subjected to 1150°C / 2100°F for 2 and 3 minutes respectively. This is to simulate an extreme wildfire. In addition to this, the utility poles must achieve a V0 rating in fire test UL94 to be classified as “self-extinguishing” and have a flame spread index of 25 or less as per the ASTM E84 Class 1 rating. With the help of TECNOFIRE®, Valmont’s composite utility poles successfully passed all the fire testing, maintaining their integrity under load during the simulated Wildfire Test, as well as passing pre- and post-burn structural testing via the ASTM D1036 Pole Bending Test.

To find out more about the full range of TFP’s TECNOFIRE® fire protection products and other applications for these innovative materials visit www.tfpglobal.com.

About Technical Fibre Products:

Technical Fibre Products (TFP) is a leading nonwoven manufacturer, offering a broad choice of high quality, technically advanced nonwovens for an array of challenging applications across industries ranging from aerospace and defense to automotive, energy, industrial, construction and healthcare. TFP is part of James Cropper plc and continues the group's 175-year traditions of building highly effective collaborative relationships with customers, enabling the development of custom material solutions to meet unique performance, process and aesthetic requirements.

About Valmont Industries, Inc.:

Valmont is a global leader, designing and manufacturing engineered products that support global infrastructure development and agricultural productivity. Its products for infrastructure serve highway, transportation, wireless communication, electric transmission, and industrial construction and energy markets. Its irrigation equipment and services for large-scale agriculture improves farm productivity while conserving fresh water resources. In addition, Valmont provides coatings services that protect against corrosion and improve the service lives of steel and other metal products. For more information, visit valmont.com.

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