



Experts in Safety

Press release
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ARCO WELCOMES THERMO-MAN® TO THE UK TO DEMONSTRATE ARC FLASH TESTING

This month [Arco](#), the UK's leading safety company, brought Thermo-Man®, the world's most advanced life-size thermal burn injury evaluation system, on its first visit to the UK. In a series of educational seminars for customers, held at the Humberside Fire Service's Headquarters, Hessle and Linlithgow, Arco demonstrated the risks of workplace exposure to heat and flame and the types and combinations of garments to choose to stay protected.

In industrial applications, the main thermal hazards which workers need to be protected from are heat and flame, fire, heat and electric arc. The life-sized mannequin is engulfed by a controlled flash fire and has over 100 sensors to assess how test garments would cope in extreme thermal situations. The Thermo-Man® test simulates the exposure of a garment to a typical excess fuel fire with temperatures rising up to 1,000°C. It predicts the garment's protective performance and integrity against heat, flame and fire during such a typical fire incident.

Co-hosting the event, DuPont™ communicated the benefits of Nomex® fibre garments alongside live demonstrations using Thermo-Man®.

Richard Sansom, Product and Procurement Manager at Arco said: "With a deep understanding of customer protection needs, Arco has developed a layering system that provides increased levels of protection from heat and flame hazards and we were the first distributor in the industry to test our garment combinations using Thermo-Man®. Today our customers have been able to see this for themselves and to learn how we can help them choose the correct protection for the jobs they do."

Arco offer a collection of ArcoPro Flame Retardant (FR) garments tested and approved to EN 11612:2008 – Protective Clothing to Protect against Heat and Flame, ensuring the highest possible protection for wearers against the risk of Electric Arc.

The unit was in the UK to demonstrate to customers the testing Arco conducts on the new ArcoPro Arc Flash range. Arco tested single garments and combinations of garments to show the additional protection that layering your garments can provide, in terms of reducing the likelihood of burn injuries and improving survival rate following an accident.

For further information, visit www.arco.co.uk/arcflash

Watch Thermo-Man® in action here <https://www.youtube.com/watch?v=CL3fJa5CVVE>

About Arco

Arco is the UK's leading safety company. It distributes quality products and training and provides expert advice, helping to shape the safety world and make work a safer place. Founded in 1884 and with a heritage spanning four generations, Arco integrates traditional family values with pioneering innovation to offer a world-class range of over 170,000 quality assured, branded and own brand products, including personal protective equipment, clothing, footwear, gloves, workplace safety and hygiene products. Headquartered in Hull, Arco reaches its customers through its extensive product catalogue, interactive website and 48 strong trade counter network. The company has sales of over £268m and employs approximately 1600 people. Arco has been accredited a 'One to Watch' status in the Best Companies Times Top 100 Survey.

Arco is dedicated to its Corporate Social Responsibility policy and continually demonstrates its support of local business communities and charitable organisations, donating in excess of 1% of pre tax profits annually. In 2007, Arco became a member of the Ethical Trading Initiative (ETI) and in 2010 a member of Sedex, the Supplier Ethical Data Exchange. Going forward, Arco further demonstrates its position as the UK's leading safety company as the exclusive supplier of PPE, footwear and workwear to the BLOODHOUND project's support team involved with the design, build and race of a car to raise the world land speed record to 800 mph in 2015, and 1,000mph in 2016. For more information, visit www.arco.co.uk.

Video: <https://www.youtube.com/watch?v=CL3fJa5CVVE>