

Editorial Contact:  
The Simon Group, Inc.  
Joanna Puglisi-Barley  
Phone: (215) 453-8700  
E-mail: [publicrelations@simongroup.com](mailto:publicrelations@simongroup.com)  
Reference # APL-A-5287



## **Amphenol Receives EN 45545-2 Certification for its Rail and Mass Transit Products**

*Certification is for materials commonly used in the insert of the connector*

**Sidney, N.Y. August 2018** – Amphenol Industrial Operations, a global leader in interconnect systems, has recently received EN 45545-2 certification, a classification system that specifies requirements for fire behavior of materials and products used in trains, for its [GT reverse bayonet series](#) and [5015 product series](#). The certification is for the low smoke zero halogen (LSZH) material used in these products.

EN 45545-2 certification ensures that across the EU, the use of materials that limit fire development and produce low levels of smoke and toxic fumes in the event of a fire are being used universally and are tested to the same standard. Not only does the certification ensure safety, but also interoperability across rail systems.

The certification process was conducted by SGS, the world’s leading inspection, verification, testing and certification company. The company is widely known as the global benchmark for quality and integrity.

### **Low smoke zero halogen**

LSZH is a material that is commonly used in the insert of the connector. When exposed to flames and high levels of heat, LSZH materials produce a miniscule amount of visible

smoke, compared to other materials like PVC; and includes no halogen, which can be harmful to humans.

Mark Cunningham, General Manager, Amphenol Industrial Operations, said, “Qualifying for this EN 45545-2 certification means we’re fulfilling our promise to produce the highest quality connectors. LSZH materials are essential for use in the rail and mass transit market and this shows the technology is meeting the highest standard. We are pleased that we are able to offer our customers the safest and very best products available.”

For more information, please visit <http://www.amphenol-industrial.com> or e-mail [tony.liang@amphenol-industrial.com](mailto:tony.liang@amphenol-industrial.com).

Follow us: <https://twitter.com/AmphenolAIO>

Get our updates: <https://www.linkedin.com/company/amphenol-industrial>

-30-

**READER SERVICE INQUIRIES:** Please forward all reader service inquiries to Tony Liang at Amphenol Industrial Products Group, Amphenol Corporation, 40-60 Delaware Ave, Sidney, N.Y., 13838-1395; e-mail: [tony.liang@amphenol-industrial.com](mailto:tony.liang@amphenol-industrial.com); Web: [www.amphenol-industrial.com](http://www.amphenol-industrial.com).

**EDITOR’S NOTE:** [Amphenol Industrial Operations](#), headquartered in a 307,000 square foot facility in Sidney, N.Y., provides a full range of high reliability power/signal connectors and interconnection systems specifically for the industrial markets including rail/mass transit, process control, automotive manufacturing, heavy equipment, wireless base stations and petrochemical/power generation.

Products include ruggedized-for-industry cylindrical, fiber optic, rectangular, and industrialized versions of Amphenol’s MIL-DTL-5015 cylindrical, MIL-DTL-26482 miniature cylindrical and GT reverse bayonet cylindrical connectors. It employs more than 900 people and is ISO9001, TS96949 and MIL-STD-790 certified.

Amphenol Industrial Operations' has global certified factories in Nogales, Mexico ISO 9001 and Zhuhai, China ISO 14001 and ISO/TS 16949.

Amphenol Industrial Operations is a division of Amphenol Corporation, Wallingford, CT, one of the largest manufacturers of interconnect products in the world, with year 2017 sales topping \$7 billion.