

A worker in a bright yellow protective suit and white hard hat is walking on a metal staircase inside a large, dimly lit industrial structure. The scene is dominated by a warm, orange-red glow, likely from the ambient light or the worker's high-visibility gear. A single, bright overhead light fixture illuminates the worker and the staircase. The worker is positioned in the lower-middle part of the frame, moving upwards. The background shows the massive, curved walls and structural elements of the facility, creating a sense of scale and height. The overall mood is one of quiet determination and focus in a potentially hazardous environment.

“FEAR NOT.”





“THERE IS PROTECTION.

For your reputation, your peace of mind and the workplace you help create.

It's not just our reliable electrical products that withstand hazardous environments and harsh conditions, it's the safer and more productive facilities our products give rise to.

This has been our hallmark since we began in 1903.

And this will be our hallmark for the next century as well.”

 **Appleton®**



INSTALLED IN THE FIERCEST ENVIRONMENTS.

You are installing electrical products in places where they are needed but are severely tested. Petrochemical plants, off-shore oil or natural gas platforms, pulp and paper mills. Places affected by water, dirt, salt, chemicals, fumes and extreme temperatures, both high and low. Places, that if products fail, people might get hurt or production could grind to a halt. Appleton goes to extremes to see that our electrical products can handle these extremes. And work goes on.

Our products work well in places where danger lurks around every corner. We know that accidents happen. And hazards are everywhere. Everything we manufacture is made to resist these harsh conditions. Lighting fixtures, electrical fittings, plugs and receptacles and control stations. All are constructed from premier materials, including malleable iron, gray iron and aluminum.

We know what water, oil, and chemicals can do to wiring systems, so we designed our ST line of connectors to reliably seal around the conduit, maintaining the ground, and reducing danger. Everyone knows what corrosion can do, costing U.S. businesses, government agencies and households billions of dollars per year. It's a battle we're winning since we developed our Epoxy Powder Coating and Triple Coat finishes. They make conventional finishes seem obsolete and come standard, not optional.

Our passion for safety is rooted in our DNA. It's what drives us to create products that help make environments more secure wherever people work.

PUT US IN YOUR PLACE.

PetroChemical Plants

Refineries

Offshore Drilling

Chemical Plants

Power Plants

Telecom Cellular Sites

Pulp and Paper Mills

Automotive Production

Pharmaceutical Plants

Grain Storage/Processing

Coal Handling/Storage

Textile Mills

Wood-cutting/Pulverizing Facilities

Steel Mills

"WE WATCH YOUR BACK."

WE'RE READY TO HELP.

Go ahead. Test us. Then spec us. Your protection and productivity gains begin in the design stage. Visit our website to use our online tools, including our lighting layout program, CalcMaster™, to help you create environments with the illumination workers need for their protection and productivity. We also have a full-time, dedicated, in-house lighting staff to help you with the most detailed lighting layouts. We offer a guide to help everyone understand the fine points of hazardous location classifications and requirements, so everyone

can relate to the issues and take protective steps. And we provide a comprehensive online Q&A on corrosion, including ways to effectively resist it.

Our emphasis on safety continues with products that can reduce time and trouble during installation. Innovations like terminals that enable faster installation of conductors in dangerous locations. And it extends all the way to design features that enable easier maintenance.



WE POUR IT ON IN PRODUCTION.

Our singleminded goal of providing you with the products you can count on begins in the manufacturing process.

Since 1927, our foundry in Milwaukee, “The Genuine American City”, has been among the industry’s premier metal casting facilities. It was one of the first in the nation to utilize automated molding machines to provide precision production. Our line of explosionproof products are made to contain explosions, allowing gases to cool and vent. This helps prevent the internal explosions from igniting the outside flammable atmosphere. Our computer-aided machining and assembly plants utilize advanced technologies in metalworking, plating, painting, and packaging.

Our staff of leading edge engineers enables us to stay at the forefront of our industry—and at the forefront of your safety. They utilize our comprehensive engineering facilities—including an explosion lab, environmental lab, photometric lab, electric lab, and mechanical lab—to test and retest our products to determine that they can withstand conditions found in extreme locations.

Even our warehouse operations are designed to better serve your needs. They’ve been strategically placed throughout the country. And each facility stocks inventories appropriate to the industries in its region to provide timely delivery. We even help protect your peace of mind.

“WE’RE CAST TO PROTECT.”

AND KEEP IT FLOWING WITH REAL WORLD FIELD RESEARCH.

Wouldn’t you rather rely on a brand that is writing the future standards of its industry? Because that’s just what you’ll find with Appleton. We work closely with technical committees for such organizations as the UL, NECA, NFPA, CSA, NEMA, ANSI, IEC and IEEE. We publish the *Electrical Code Review* for hazardous locations every three years in conjunction with the NEC update to help end users understand code changes. And, we help educate electrical inspectors throughout the nation on these code changes.

Appleton will study developments in materials and manufacturing in related and even unrelated industries and quickly incorporate these innovations into our products.

Our field engineers and technical specialists are here to help determine the suitability of our components for your projects. In fact, we’ve consulted on industrial construction projects throughout the world. And our more than 20,000 products are here to help protect your installations, people, and peace of mind. Call us today.

APPLETON’S VAST LINE OF PRODUCTS.

HAZARDOUS LOCATION/ EXPLOSIONPROOF

- Conduit Fittings
- Outlet Boxes
- Drains & Breathers
- Unions & Seals
- Flexible Couplings
- Enclosures & Controls
- Panelboards
- Motor Starters
- Circuit Breakers
- Enclosed Switches
- Junction Boxes
- Control Stations
- Switch Racks
- Cord Reels

PLUGS & RECEPTACLES

- Powertite Pin & Sleeve
- Weatherproof/NEMA 4X
- Flat Blade
- Welding Receptacles
- Interlocked
- Explosionproof
- Non-metallic

LIGHTING PRODUCTS

- Explosionproof
- Mercmaster Enclosed & Gasketed
- Industrial Lighting
- Emergency Lighting
- Indoor High Bay/Low Bay
- Outdoor Area Lighting
- Fixture Hangers

ELECTRICAL FITTINGS

- Conduit Body Unilets/Moguls
- Cast Device Boxes
- Outlet Boxes
- Conduit Connectors & Couplings
- Insulated & Grounding Bushings
- Box Connectors
- Cord Grips/Liquidtight Connectors
- Hangers/Clamps/Straps

Appleton is our premium line of industrial electrical products under EGS Electrical Group, a division of Emerson Industrial Automation.

Emerson Industrial Automation brings integrated manufacturing solutions to diverse industries worldwide. Our comprehensive product line, extensive experience, world-class engineering and global presence enable us to implement solutions that give our customers the competitive edge.

For over 150 years, our electrical product brands have been providing a rich tradition of long-term, practical, high quality solutions with applications ranging from the construction and safe operation of petrochemical and process plants to providing quality power that precisely controls automotive robotic production.

Engineers, distributors, contractors, electricians and site maintenance professionals around the world trust Emerson Industrial Automation brands to make electrical installations safer, more productive and more reliable.

EGS is organized into three focused businesses that provide distributors and end-users expert knowledge and excellent service.

Electrical Construction Materials
This group manufactures a broad range of electrical products including conduit and cable fittings, plugs and receptacles, enclosures and controls, conduit bodies, and industrial lighting. Whether the application is hazardous location, industrial, or commercial, the ECM group has the products to meet your needs.

Power Quality Solutions
This group offers the broadest power quality line including UPS, power conditioners, voltage regulators, shielded transformers, surge suppression devices and power supplies.

Heating Cable Systems
This group offers a broad range of electrical heating cable products for residential, commercial, and industrial applications.

Electrical Construction Materials

 **Appleton**

O-Z/GEDNEY



Power Quality Solutions

SOLA

HEVI-DUTY

Heating Cable Systems

EASYHEAT

NELSON