

Changzhou Plant

CROUSE-HINDS  
SERIES

# The safety you rely on.

**EAT•N**



**EAT•N**

*Powering Business Worldwide*

# ABOUT US



**Eaton** is a power management company with 2017 sales of \$20.4 billion. Eaton provides energy-efficient solutions that help our customers effectively manage electrical, hydraulic and mechanical power more efficiently, safely and sustainably. Eaton has approximately 96,000 employees and sells products to customers in more than 175 countries. For more information, visit [www.eaton.com](http://www.eaton.com).

Because of the pivotal role we play, Eaton is committed to creating and maintaining powerful customer relationships built on a foundation of excellence. From the products we manufacture to our dedicated customer service and support, we know what's important to you.

## Eaton's Crouse-Hinds

**The safety you rely on. Delivering world-class reliability and safety in high consequence harsh and hazardous environments**

Our Crouse-Hinds series products stand for safety in the harshest of environments when power management is most critical. While it all began with the conduit, the Crouse-Hinds series portfolio has grown into the premier name for comprehensive solutions for high-consequence harsh and hazardous environments. Our global portfolio meets the standards and certifications for most of the countries and regions of the world, and consists of:

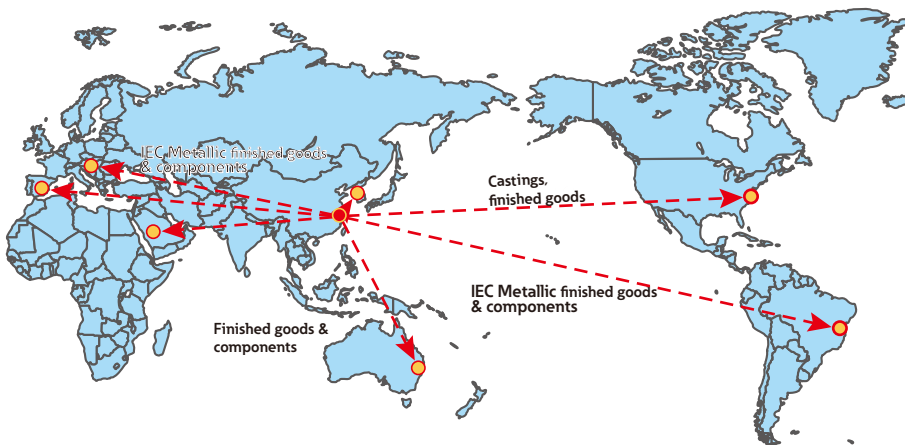
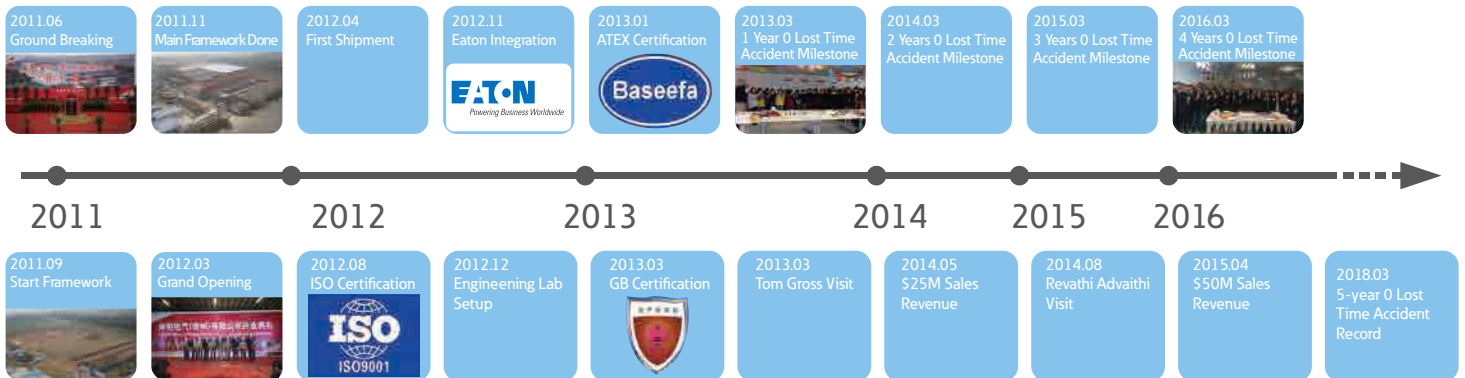
- Apparatus
- Drilling and marine
- Enclosures
- Fittings & glands
- Industrial connectivity (Interconnect)
- Industrial control
- Lighting
- Plugs & receptacles
- Visual & audible signaling devices
- Airport lighting system
- Commercial products

Crouse-Hinds series solutions round out a complete Eaton portfolio that brings you reliable, efficient and safe electrical power management solutions.



# CHANGZHOU PLANT

- Total capital investment — \$20m
- Construction started — July 2011
- Grand opening — March 2012
- Total land — ~33,000m<sup>2</sup>
- Main building — 14,000 m<sup>2</sup>
- Integrated manufacturing process designed facility: foundry & machining, compress molding, sheet metal & assembly, powder coating



**China factory serves as global center of excellence for global Crouse-Hinds product lines**

Eaton's Crouse-Hinds offers products for harsh and hazardous environments in Oil & Gas, Petrochemical, Marine & Offshore, and Power Plant, Pharmaceuticals, Food & Beverage and all heavy Industrial applications. We serve the customers across the world: Shell, Chevron, BASF, Dow Chemical, ABB, Cargill, Pfizer and so on, and the worlds' major EPC companies and shipyards such as Technip, GS Engineering, SK Engineering, Hyundai Engineering, JGC, MHI, Toyo, Chiyoda, Fluor, DSME and many China domestic customers such as CNPC, Sinopec, CNOOC, COSCO, Raffles and Qilu pharmaceuticals etc.

# PRODUCTS WE MAKE IN THIS FACTORY

Lighting



Fittings



Terminal boxes



Cable glands



Panel boards & control stations



## CERTIFICATION

Comprehensive global product solutions  
that fulfill local demand worldwide

Fast-growing industrial and commercial customers alike need international partners who can help them adapt to local requirements, and Eaton's Crouse-Hinds' global capabilities and local expertise help their expansion.

### GB

Guo Biao  
Chinese certification

### GOST

Gosudarstvennyy Standart  
Russian certification

### ATEX

ATmosphères Explosibles  
European Union certification

### KC

Korea Certification  
Korean certification

### IEC & IEC-Ex

International Electrotechnical  
Commission  
International certification

### ABS

American Bureau of Shipping  
American marine certification

### CSA

Canadian Standards Association  
Canadian certification

### DNV

Det Norske Veritas  
Norwegian marine certification

### CEPEL

Centro de Pesquisas de Energia  
Elétrica  
Brazilian certification

### LR

Lloyd's Register of Shipping  
British marine certification

### UL

Underwriters Laboratories  
American certification

### CE

Conformité Européenne  
European certification





# PRODUCT LIST (NEC COMPLIANT)

In addition to a very extensive ATEX and IECEx product offering we also manufacture a range of NEC/CEC compliant products :

- Lighting – Div 1 & Div 2
- Junction boxes – Div 1 & Div 2
- Panelboards and racks – Div 1 & Div 2
- Control stations – Div1 & Div2
- Cable glands – Div2



## Lighting

Div 1	 EVLS	 EVZ	  	
Div 2	 FMV	 LL48(Gen 1)		 SSFMV
	 VMV	 FMV1000		 NVMV

## Junction/terminal boxes

Div 1&2	 EJB	 
Div 2	 STB as plan by 2/28/2019	

# PRODUCT LIST (NEC COMPLIANT)

## Panelboards

Metallic  
Div 1&2



EJB



HLCP



SynergEx  
as plan by 2/28/2019

Non-metallic  
Div 2



GHG panel  
as plan by 31/12/2018



## Control stations

Metallic  
Div 1&2



Div 1 EJB



EDS/EFS



Div 2 Ex-cell  
as plan by 2/28/2019

Non-metallic  
Div 2



GHG41&43



GHG41  
as plan by 31/12/2018



## Cable gland

Non armoured  
Cable  
Div 2



ADE 1F2

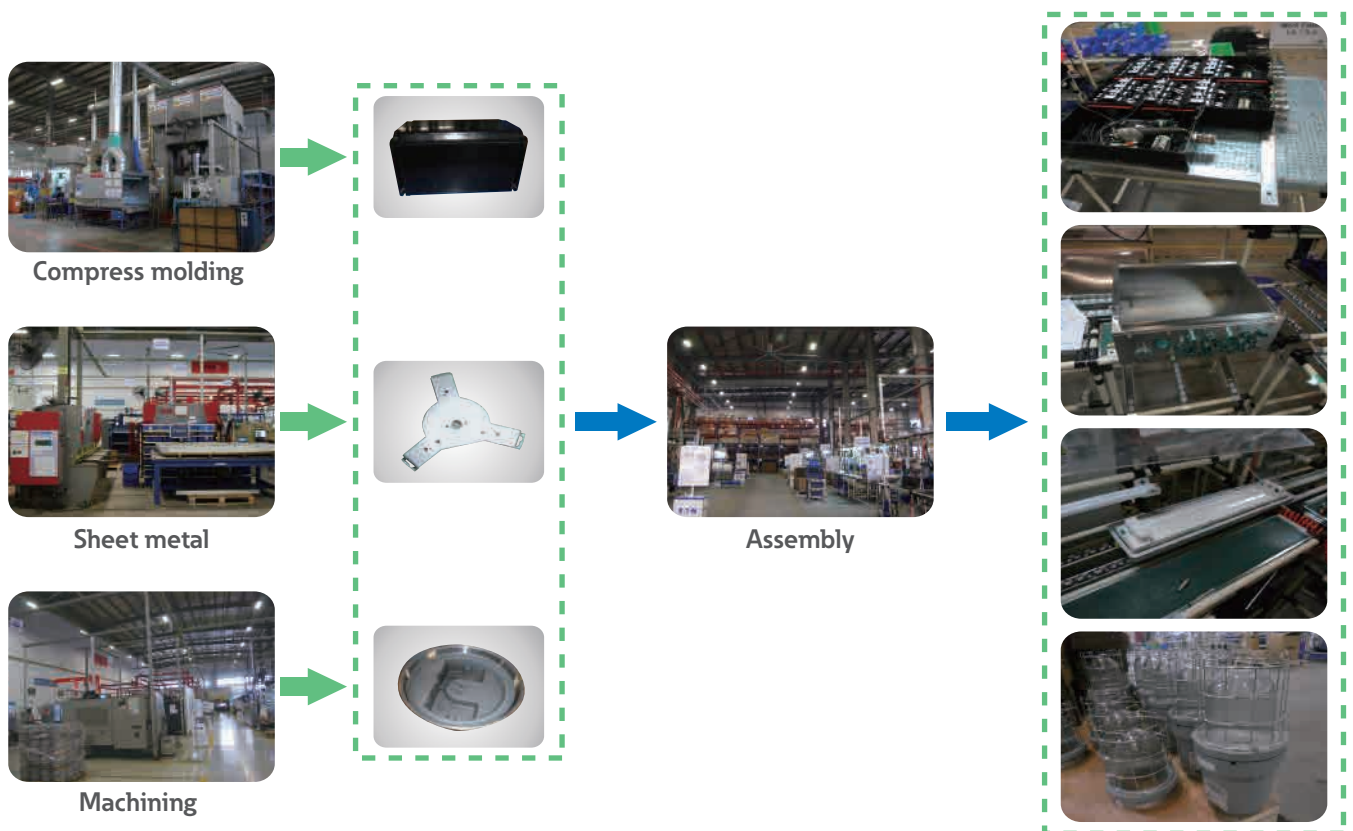
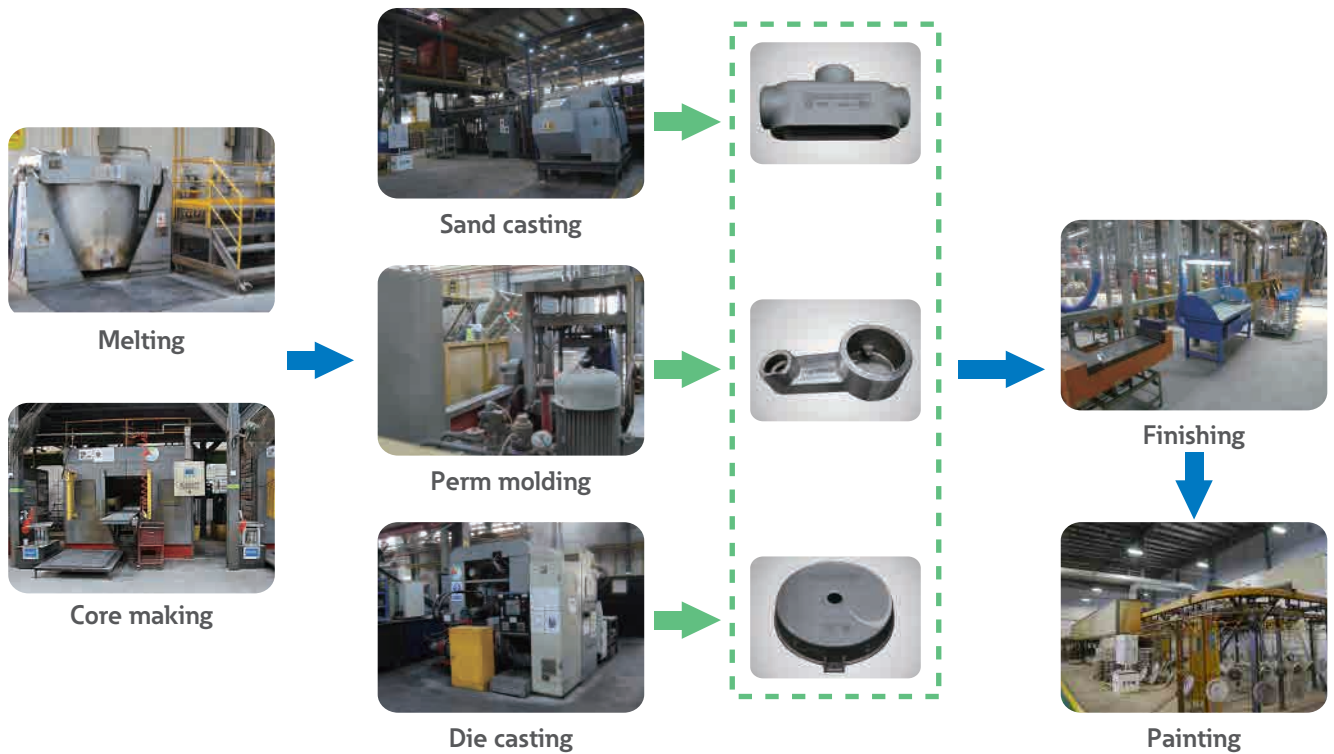
Armoured  
cable  
Div 2



ADE 4F

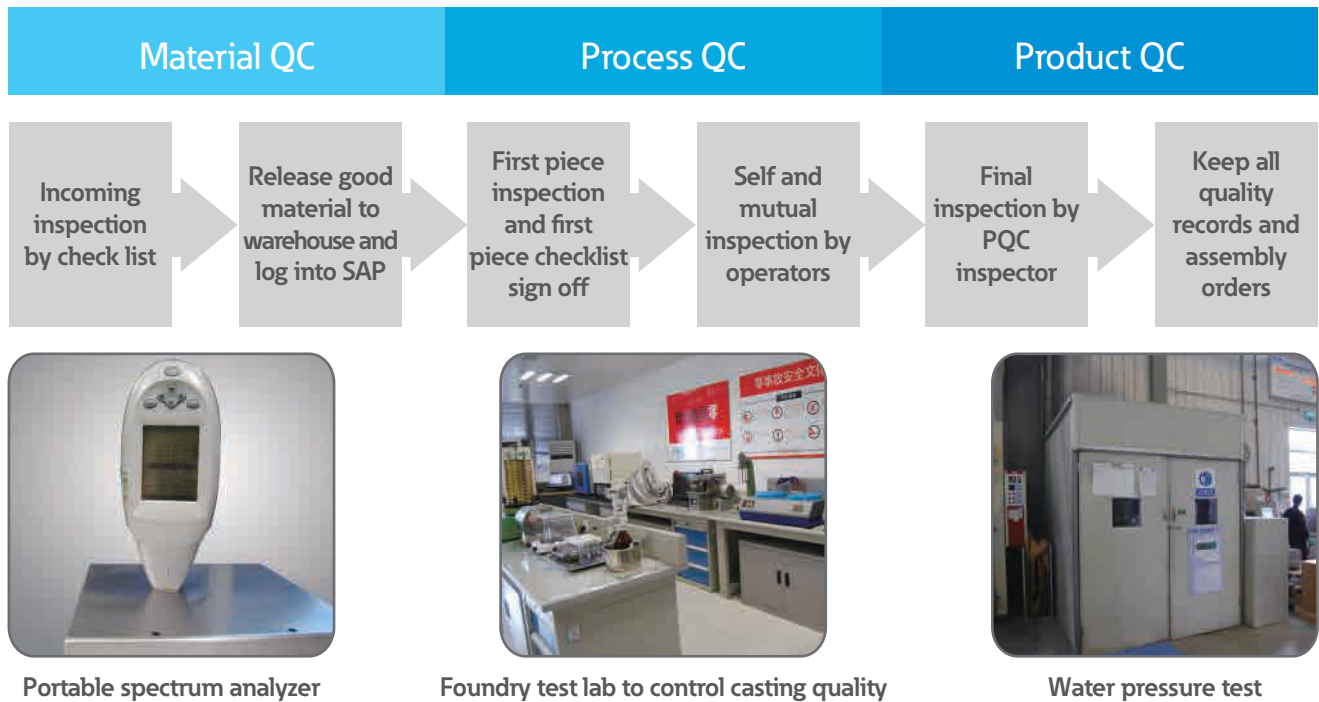


# PROCESS INTRODUCTION

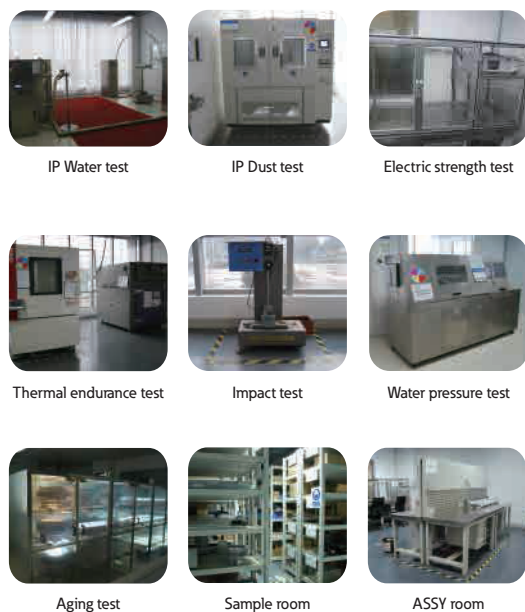




# HIGH QUALITY CONTROL



## R&D TEST LAB



**Eaton**  
1000 Eaton Boulevard  
Cleveland, OH 44122  
United States  
Eaton.com

© 2018 Eaton Corporation  
All Rights Reserved  
No. CZ002-EN  
May 2018

**Eaton's Crouse-Hinds Division**  
1201 Wolf Street  
Syracuse, NY 13208  
(866) 764-5454  
crouse.customerctr@cooperindustries.com

Eaton is a registered trademark.  
All other trademarks are property  
of their respective owners.