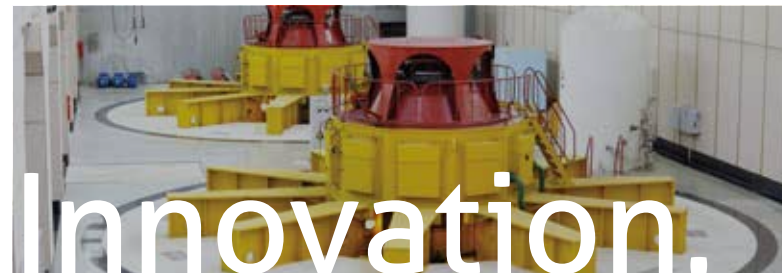


For decades, Meramec Instrument Transformer Co. has been regarded as the highest quality Current Transformer producer in the electrical power industry.



Meramec is dedicated to continued expansion into new product areas. Our goal is to supply a complete line of instrument class transformers up to 36kV.



### Encapsulated Generator CT

Our Encapsulated Generator Current Transformer features a durable exterior finish, which makes it ideal for operating **under harsh conditions where excessive moisture is present or in potentially hazardous applications** such as hydrogen cooled generator environments. This molded-type Generator CT can also be used in isolated phase bus enclosures in combination with air insulation to provide a higher voltage level dielectric system. The insulation system is rated 600 Volt Class dielectrically and 130 degrees Centigrade thermally, and designed for both indoor and outdoor service.

Every Current Transformer we manufacture is made to our customers' exact specifications, using only the highest grade materials and ISO 9001:2008 registered production procedures. Our customers have confidence in the accurate performance and the absolute dependability of our products.

When planning your Current Transformer requirements for new equipment or replacement units, put your confidence in Meramec Instrument Transformer Co. At Meramec, delivering superior quality products and exceptional customer service are the principles that guide us in everything we do.

Meramec Current Transformers are constructed from the finest raw materials to ensure that they meet the demanding requirements of power generation applications.

Our quality commitment begins with a state-of-the-art engineering and production process that has been mastered by our skilled technicians.



### Shielded Winding Design



**Transformers for high current power generation applications utilize a shielded winding design** that is an integral part of the main secondary winding. This minimizes the effects of stray magnetic flux produced from adjacent high current conductors.



### Board Mounted Generator CT

Our board mounted Generator Current Transformer is designed to be **installed over the high voltage terminal bushing of power generators**. Its precision construction provides low leakage with extremely high short circuit capabilities. The open design allows it to easily be adapted to suit any custom-mounting footprint and offers a lightweight alternative to bulky cast units. A major benefit this design offers is a quick turnaround time during a forced emergency outage.

The insulation system is rated 600 Volt Class dielectrically and 155 degrees Centigrade thermally, making it the best choice for high temperature environments.





# Be Confident.



## Manufacturing & Production

Our customized design and engineering process is what really distinguishes the Meramec customer experience. Our skilled engineers will work with you to design a custom solution for your precise electrical, mechanical and operating requirements.

At Meramec, "Continuous Improvement" and "Exceptional Customer Service" aren't just slogans. They are commitments. It's what we do every day to ensure our products meet the high standards of quality our customers have come to expect.



# Current Transformers For Power Generation



Scan QR code with the code reader app on your smart phone.



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