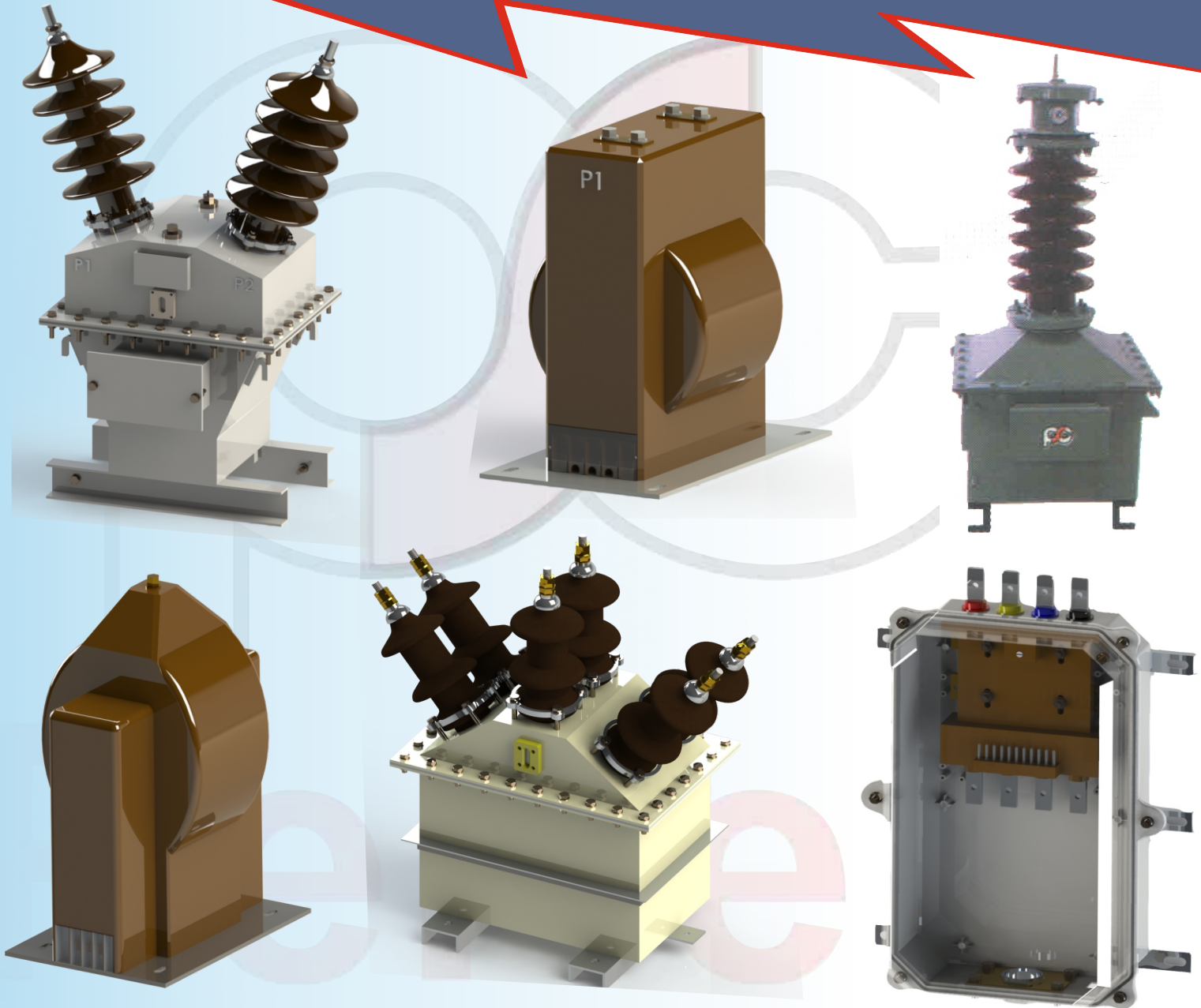


# Perfect

Instrument Transformers upto 33 KV Class



## Fully Type Tested by CPRI & ERDA

### Conforming to :

IS : 2705  
IS : 3156  
IS : 3427  
IS : 16227  
IEC : 60044-1  
IEC : 60044-2  
IEC : 61869

- \* Outdoor Oilcooled CT's, PT's and CT-PT Combined Units
- \* Indoor Resin Cast CT's and PT's
- \* Dry Type CT-PT Combined Units
- \* Metering Cubicles / Panels
- \* L.T. Tape Wound & Resin Cast CT's
- \* Control Transformers
- \* Indoor Resin Cast CT's and PT's Suitable for Different Make Panels / Switchgears

Certificate No.: 001-02221-Q

### Certificate of Approval

This is to certify that the Quality Management System at

**Perfect Sales Corporation**  
Plot No:12, Sector:11 D.C. Pant Nagar-I.I.E., SIDCUL, Rudrapur(U.S.Nagar) - 263 153, Uttarakhand, India

has been examined by Assessors of QMS Certification Services Pvt.Ltd. and found to be conforming to the requirements of

**ISO 9001:2015**

In respect of the following activities:

**Manufacture & Supply of Electrical Instrument Transformers upto 33KV Class and Hardware Fittings for Transmission Line**

Current Issue Date 17/01/2018, Valid till 16/01/2021\*  
Original Certification 27/01/2003

*Sanjay Kaushik*  
Managing Director

**QMS** **IAF** **C**

QMS Certification Services Pvt. Ltd.  
Plot No. 12, Sector 11 D.C. Pant Nagar-I.I.E.,  
Rudrapur(U.S.Nagar) - 263 153, Uttarakhand, India.  
E-mail: info@qmscertification.com  
www.qmscertification.com

## COMPANY PROFILE

**Perfect** was formed in the year 1990 as a L.T. C.T. Manufacturers. Inspired by the overwhelming response, the manufacturing range was further upgraded upto 33 kV class backed by team of technocrats.

Today, we are recognized as one of the reputed manufactures of Instrument Transformers.

Our Instrument Transformers upto 33 KV class are fully type tested from CPRI and ERDA.

Our plant is well equipped with manufacturing and testing equipments. We have the privilege of having a long list of clients both private and public sectors including State Electricity Boards.

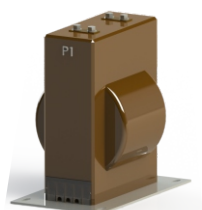
## PRODUCT RANGE

### CURRENT TRANSFORMER

A Current Transformer is the measuring device for metering and protection system. The primary current of the CT is transformed into the required secondary current of 5A or 1A.

Measuring CT's have different class of accuracy i.e. 0.1, 0.2S, 0.2, 0.5S, 0.5 & 1.0 and protection CT's have 5P10, 5P20 and 10P10. In the case of special protection CT's (PS class), the knee Point Voltage (Vk) of the CT is specified along with secondary resistance and magnetizing current.

The construction of the CT not only depends upon the ratio but also on the Short Time Current Rating, Burden and Class of Accuracy.



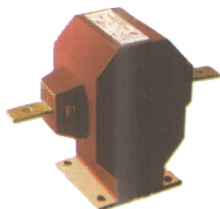
33 KV CT



33 KV Oil Cooled CT



Resin Cast CT



11 KV Resin cast CT

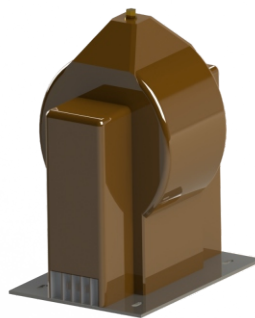


LT Tape Wound

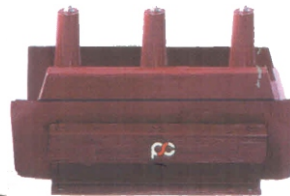
### POTENTIAL TRANSFORMER

The primary and secondary winding of Potential Transformer is magnetically coupled by a core. PT is used to further step down the system voltage to measurable value up to 63.5V, 100V or 110V as per standard of the equipment.

The Typical class of accuracy of metering PT are 0.1, 0.2, 0.5, 1.0 and protection PT is 3P. The PT's are offered in single phase or three phase version.



33KV PT



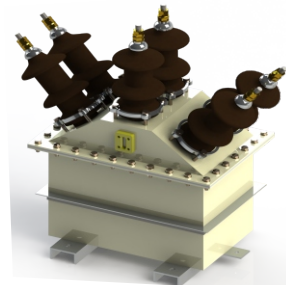
11KV Resin Cast



33KV Oil Cooled PT

### CT-PT COMBINED UNIT

CT-PT Combined Unit are also called metering units. These units can be offered as Dry type or Oil Immersed.



11/22/33KV CT-PT Combined Unit (Dry Type / Oil Cooled)

### METERING UNIT / CUBICLE / PANEL

Metering Cubicle is a combination of CT-PT unit and Metering Chamber.



11KV metering cubicle with bottom cable entry



11KV metering cubicle with side cable entry

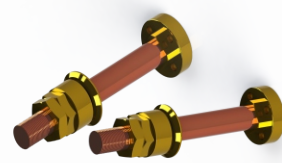
### OUR OTHER PRODUCT RANGE



Single Phase Meter Box



Three Phase Meter Box



LT Bushing Rod for Dist Transformer



Turbolator / Arcspot for 11KV OCB's



Bus Bar Spout for 11KV Switchgears



Trolley / Isolator Bushing for 11KV OCB's

# PERFECT SALES CORPORATION

(AN ISO-9001:2008 CERTIFIED COMPANY)

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Mobile : +91-9810084903, 9811026433

**Regd. office:** Plot No. 12, Sector- IIDC, IIE-Pant Nagar, SIDCUL, Rudrapur (Uttarakhand)

**& Works** Tel.: 05944-250299, 250529

Email : [info@perfectsales.net](mailto:info@perfectsales.net)

Visit us: [www.perfectsalescorporation.com](http://www.perfectsalescorporation.com)