



ABOUT US



- An experiment in Sanskrit language is called as "PRAYOG" (प्रयोग) that is how company got birth in 1958 & converted to private limited in 1962.
 - DNA of company is Sustainable innovations.
 - Revenue in FY2025 is INR 500million.
-
- We are strategically located on Mumbai Bengaluru Highway (50KM from Pune) & spread over 200000 sq. ft. of shop floor with 20Ton crane capacity.
 - We are powered by Solar power of 1MW, EB power of 1MW & DG power of 160KW.
 - Proud to have 100plus well trained workforce.
 - State of art manufacturing and testing facility with best-in-class equipment.
 - The company is pioneer in use of Nanocrystalline metal cores.

Certificate

Standard **ISO 9001:2015**
 Certificate Registr. No. **85 100 001 20035/01**

Certificate Holder: **PRAYOG ELECTRICALS PRIVATE LIMITED**
 Site 1: Gat No. 311, Urawade Road, Plot No. 4,
 Kasar Amboli, At. Pirangut, Tal. Mulshi,
 Dist. Pune – 412115, Maharashtra, India.

Scope: Design, Development, Manufacture, Supply of Instrument Transformer - CRT (CT & VT/PT), Dry Type Distribution & Industrial Transformer up to 36kV class (CRT/VTPI) and Special Purpose Transformers up to 36 kV Class, like Neutral Earthing / Grounding Transformers (NGT), Welding Transformers, Aqua Welder, Transformer Accessories Such as GOR, OSR, CPR, GCD, PRV, OLG, SOV & Thermal Protection Relay, Test Kits such as Oil BDV Tester upto 100kV, HV Test Setup to 60kV and Earth Leakage Relay
 Manufacture of electrical steel Transformer core, Laminations, Strips, Toroidal Cores, Slit Coils, Assemblies.

Proof has been furnished by means of an audit that the requirements of ISO 9001:2015 are met.

The due date for all future audits is 07-05

Validity: The certificate is valid from 2024-09-18 until 2026-09-13.
 First certification 2020-09-14



Bangalore, 2024-09-18

The Certification Body of
 TÜV Rheinland (India) Pvt. Ltd.
 27/B, 2nd Cross Road,
 Electronic City Phase 1
 Bengaluru - 560 100, India
 CIN: U72501KA1996PTC020653

The validity of this certificate is subject to timely completion of surveillance audits as agreed in the Contract
 The validity of this Certificate can be verified under <https://www.tuv.com> with the identification No. 8032201-04

www.tuv.com



Certificate

Standard **ISO 9001:2015**
 Certificate Registr. No. **85 100 001 20035/02**

Certificate Holder: **PRAYOG ELECTRICALS PRIVATE LIMITED**
 Site 2: Gat No. 269/6, Dhangarwadi, Near
 Shirwal, Tal. Khandala, Dist. Satara
 – 412801, Maharashtra, India.

Scope: Design, Development, Manufacture, Supply of Instrument Transformer - CRT (CT & VT/PT), Dry Type Distribution & Industrial Transformer up to 36kV class (CRT/VTPI) and Special Purpose Transformers up to 36 kV Class, like Neutral Earthing / Grounding Transformers (NGT), Welding Transformers, Aqua Welder, Transformer Accessories Such as GOR, OSR, CPR, GCD, PRV, OLG, SOV & Thermal Protection Relay, Test Kits such as Oil BDV Tester upto 100kV, HV Test Setup to 60kV and Earth Leakage Relay
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www.tuv.com



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION
IEC Certification System for Explosive Atmospheres
for rules and details of the IECEx Scheme visit www.iecex.com
Ex COMPONENT CERTIFICATE

Certificate No.:	IECEX KLCS 24.0062U	Page 1 of 3	Certificate history
Status:	Current	Issue No: 0	
Date of issue:	2024-10-21		
Applicant:	Prayog Electricale Pvt.Ltd. Gat No. 311, Plot No.4, Urawade Road, Kasar Amboli, AI-Pirangut Tal-Mulshi, Maharashtra Pune 412115 India		
Ex Component:	Resin Cast Current Transformer		

This component is NOT intended to be used alone and requires additional consideration when incorporated into other equipment or systems for use in explosive atmospheres (refer to IEC 60079-0).

Serial number(s) or Unique Identification: **Serial no.PCT1710240029-1, PCT1710240028-1**

Type of Protection: **Increased Safety 'e'**

Marking: **Ex ec IIC Gc**
Service temperature range: 15°C to +145°C

Approved for issue on behalf of the IECEX
 Certification Body:

Vikram Paranjpe
 Dy. Director (Operations)

Signature:
(for printed version)

Date:
(for printed version)

1. This certificate and schedule may only be reproduced in full.
 2. This certificate is not transferrable and remains the property of the issuing body.
 3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.

Certificate issued by:
Karandikar Laboratories Certification Services
 Gat No. 142, Botsar Chillar Rd.,
 Opp. Union Park, At Belgaon,
 Solapur (E), Tal-Palghar
 Maharashtra 401501
 India

IECEX Certificate of Conformity

Certificate No.:	IECEX KLCS 24.0062U	Page 2 of 3	
Date of issue:	2024-10-21	Issue No: 0	
Manufacturer:	Prayog Electricale Pvt.Ltd. Gat No. 311, Plot No.4, Urawade Road, Kasar Amboli, AI-Pirangut Tal-Mulshi, Maharashtra Pune 412115 India		
Manufacturing locations:			

This Unit verification certificate is issued as verification that the Apparatus identified on page 1, was assessed and tested and found to comply with the IEC Standard listed below. This certificate is granted subject to the conditions as set out in IECEX Scheme Rules, IECEX 02 and Operational Documents as amended.

STANDARDS :
The component and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

IEC 60079-0:2017	Explosive atmospheres - Part 0: Equipment - General requirements
Edition: 7.0	
IEC 60079-7:2017	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition: 5.1	

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:
A sample(s) of the component listed has successfully met the examination and test requirements as recorded in:

Test Report:
[INKLCS/EXTR24.0064/00](#)

Quality Assessment Report:
As this is a Unit Verification Certificate, no QAR is applicable as this certificate is specific to the items listed by serial number or other unique identification.

IECEX Certificate of Conformity

Certificate No.:	IECEX KLCS 24.0062U	Page 3 of 3	
Date of issue:	2024-10-21	Issue No: 0	

Ex Component(s) covered by this certificate is described below:

The Resin Cast Current Transformers, Sr.no. PCT1710240029-1, PCT1710240028-1 with epoxy casting body is a step down transformer which is used to convert 23000 Amp input to a 5 Amp output. It is intended to be mounted on a busbar which is part of a switchgear.

SCHEDULE OF LIMITATIONS:

1. Service temperature range is +15°C to +145°C.
2. The maximum rise in temperature is 67.5K at 25300/5.5A.
3. When the Resin Cast Current Transformer is not connected to an external load the terminals shall be short-circuited to each other.
4. It must be ensured that required clearance and creepage distances as per table 2 of IEC 60079-7:2017 are maintained after installation.
5. The Resin Cast Current Transformer shall be installed in an Ex e certified enclosure having a minimum degree of protection IP54.



KL Exert Certification

(A division of Exert Certification AS)
Fjordgaten 9a, 3125 Tømsberg, Norway

(1) TYPE EXAMINATION CERTIFICATE

(2) Component intended for use in potentially explosive atmospheres – Directive 2014/34/EU

(3) Type Examination Certificate Number: KLEX 25 ATEX 0021 U Issue: 0

(4) Component: Resin Cast Current Transformer
Model no. PCT Series

(5) Applicant: Prayog Electricals Pvt. Ltd.
Gat No. 269/9, At Post - Dhangarwadi Shirwal, Taluka - Khandala,
District -Satara, Maharashtra-412802, India

(6) Manufacturer: Prayog Electricals Pvt. Ltd.
Gat No. 269/9, At Post - Dhangarwadi Shirwal, Taluka - Khandala,
District -Satara, Maharashtra-412802, India

(7) The component and any acceptable variation, thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) KL Exert Certification certifies that this component has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of component intended for use in potentially explosive atmospheres, given in Annex II to the Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014.

The examination and test results are recorded in confidential report no.: KLEX 25/07-001

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0:2018 and EN IEC 60079-7:2015/A1:2018

(10) The sign "U" is placed after the certificate number to indicate that the product assessed is a component and may be subject to further assessment when incorporated into equipment. Any limitations of use are listed in "Schedule of limitation" under item 17 of this certificate.

(11) This Type Examination Certificate relates only to the design and the construction of the specified component in accordance with Directive 2014/34/EU. Further requirements of this Directive apply to the manufacture and supply of this component. These are not covered by the certificate.

(12) The marking of the component shall include the following:

 II 3 G Ex ec IIC Gc (Service temperature range: +15°C to +145°C)

Managing Director:



Einar Thorén
Date of issue: 28/11/2025

F/136B-CO, Rev. 00

Page 1 of 2

Certificate without signature is void. This certificate may only be reproduced in its entirety and without any change, schedule included. Extracts or modifications must be authorized by KL Exert Certification.

Tel: +47 91 00 97 66

Email: info@exertcertification.com

Website: www.klex-exert.com



IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION
IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com
Ex COMPONENT CERTIFICATE

Certificate No.: IECEx KLCS 25.0054U

Page 1 of 3

[Certificate history](#)

Status: Current

Issue No: 0

Date of Issue: 2025-12-09

Applicant: Prayog Electricals Pvt.Ltd.
Gat No. 269/9, At Post - Dhangarwadi Shirwal,
Taluka - Khandala,
Satara 412802
India

Ex Component: Resin Cast Current Transformer, Model: PCT series

This component is NOT intended to be used alone and requires additional consideration when incorporated into other equipment or systems for use in explosive atmospheres (refer to IEC 60079-0).

Type of Protection: Increased Safety 'e'

Marking: Ex ec IIC Gc (Service temperature range: +15°C to +145°C)

Approved for issue on behalf of the IECEx
Certification Body:

Vikram Paranjpe

Position:
(for printed version)

Dy. Director (Operations)

Date:
(for printed version)

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Certificate issued by:

Karandikar Laboratories Certification Services





पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उद्यम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)

निर्माता अनुमोदन / MANUFACTURER APPROVAL

संदर्भ: CC/QA&I/2025/Letter/334

दिनांक: 23.07.2025

प्रस्तावकर्ता का नाम/ Name of Proposer	M/s Labotek, New Delhi		
निर्माता का नाम/ Name of Manufacturer	M/s Prayog Electricals Pvt. Ltd., Satara		
सी.आई.एन संख्या/ CIN Number	U31100PN1965PTC184035		
निर्माता का पता/ Address of Manufacturer	Gat No. 269/6, Dangarwadi, Tal.- Khandala, Dist.- Satara, (Maharashtra)		
	City: Satara	Country: India	Pin/Zip Code: 412801
निर्माता कोड/ Manufacturer Code	3000001946		
नाम और संपर्क विवरण/ Name & Contact details	Mr. Pramod Borhade +91-9422404585 Director@prayogelectricals.com		
मद का नाम/ Item Name	1200kVA Isolation transformers for POWERGRID Data Centre project.		
संचार संदर्भ/ Communication reference	11357		
वैधता अवधि/ Validity period up to	22.07.2026		

Background details: Based on review of submitted documents and assessment of manufacturing works, we



VISION:
TO BE RESPECTABLE AND MOST RELIABLE

MISSION: STRIVE FOR SUSTAINED HIGH QUALITY GROWTH AND LEAD THE FIELD

STRATEGY: TO BE TECHNOCRAT & LEADERS IN CHOSEN SEGMENT

JOURNEY 1958.....2026



1983 Bhosari
Pune

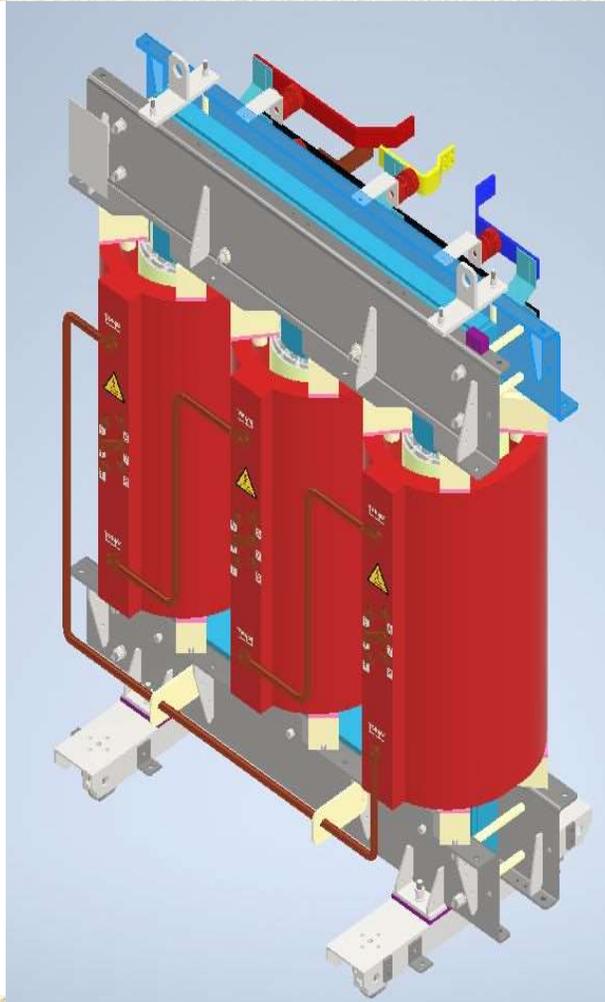
2017
Piranga
Pune



2024 Shirwa Pune
Bengaluru Highway



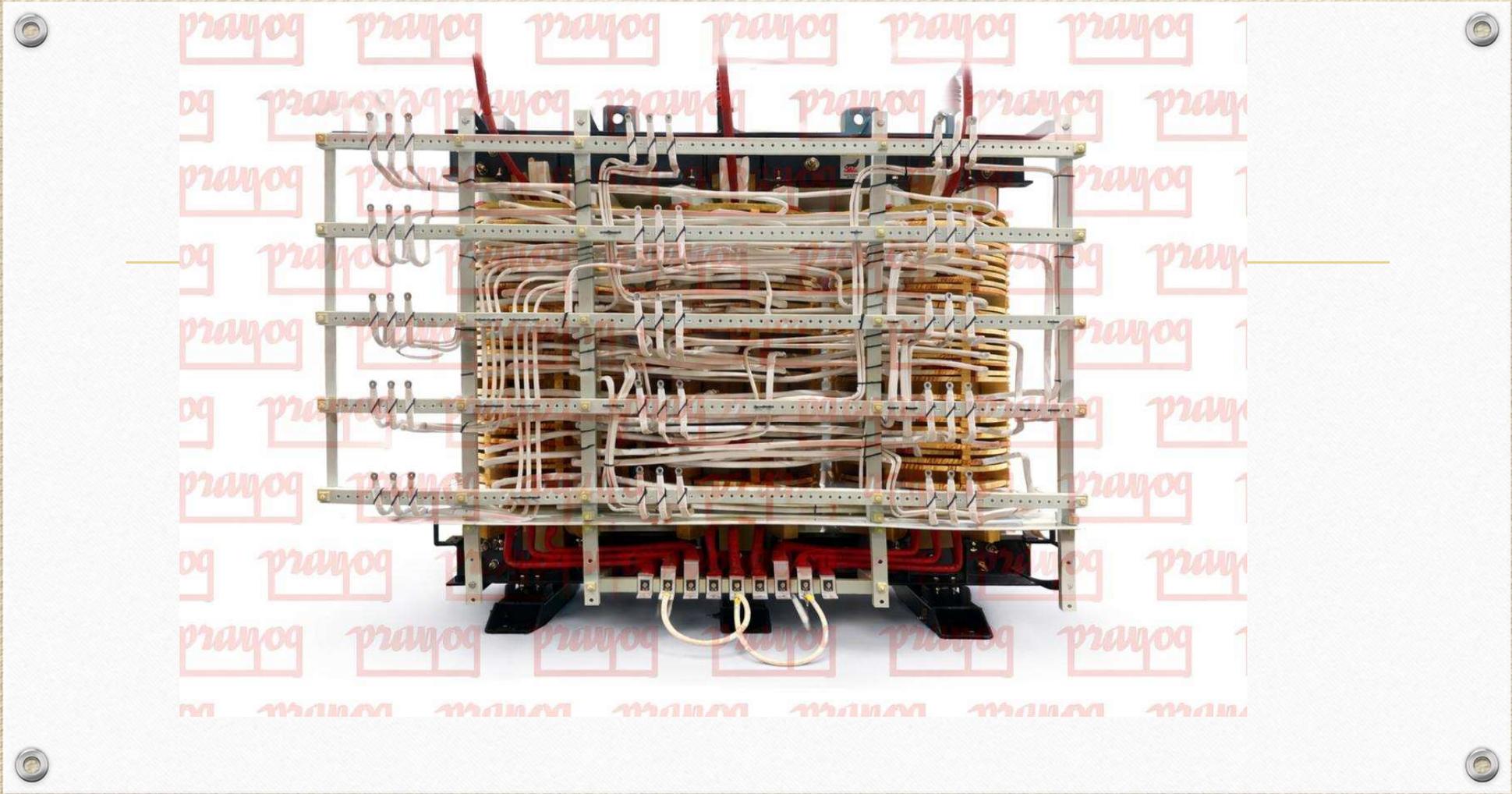
PRODUCT-DT, ET, SAT, UAT UP TO 36KV



PRODUCT-ISOLATION TRANSFORMER



PRODUCT-MULTI-SECONDERIES TRANSFORMER



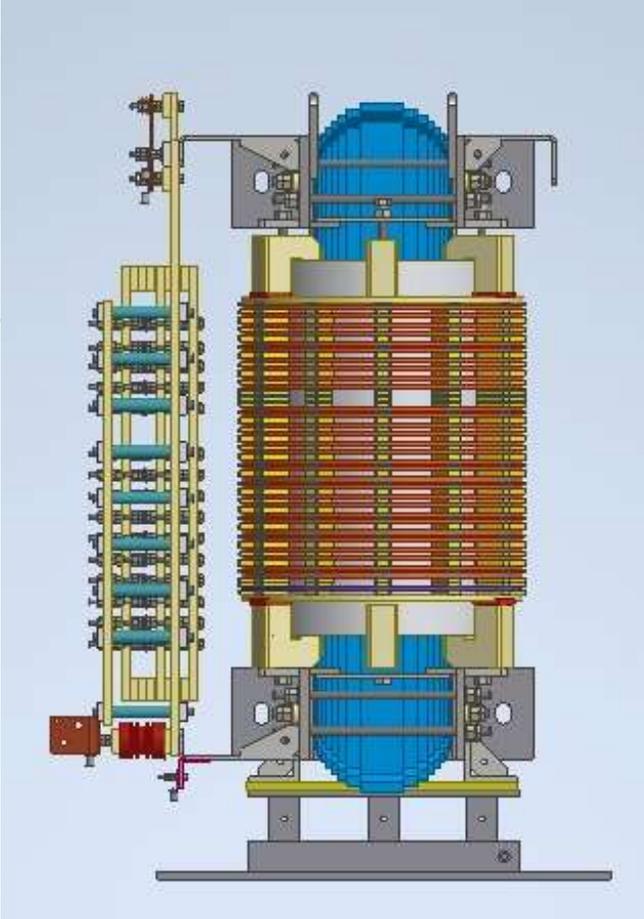
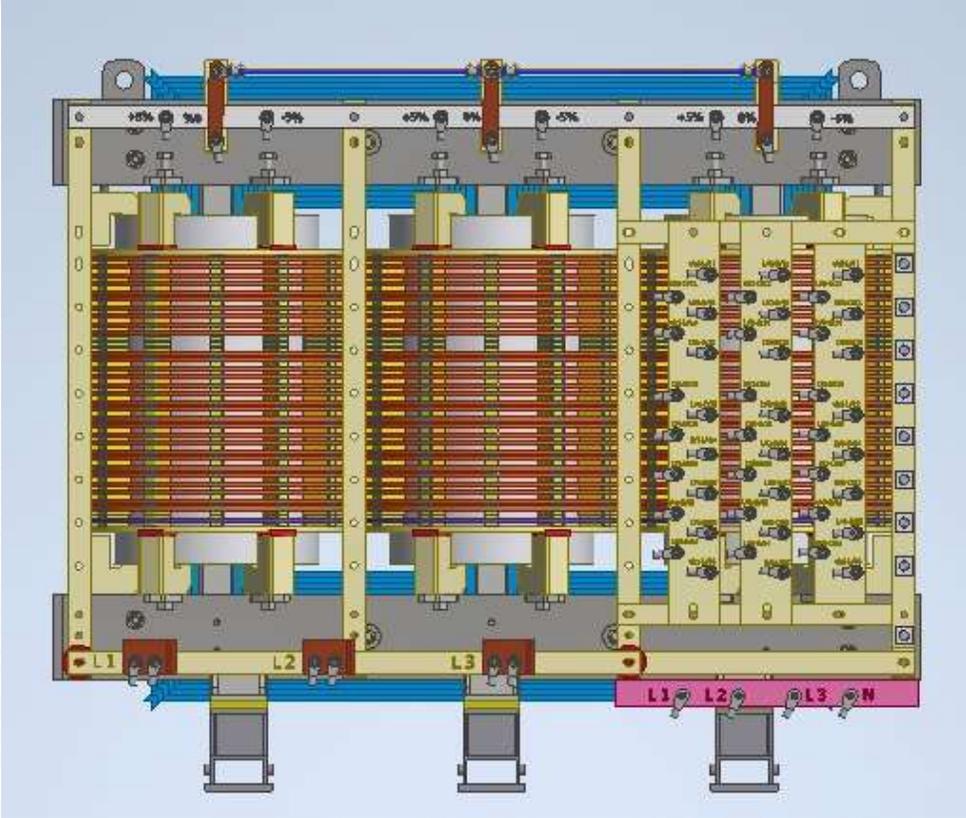
PRODUCT-MULTI-SECONDERIES TRANSFORMER



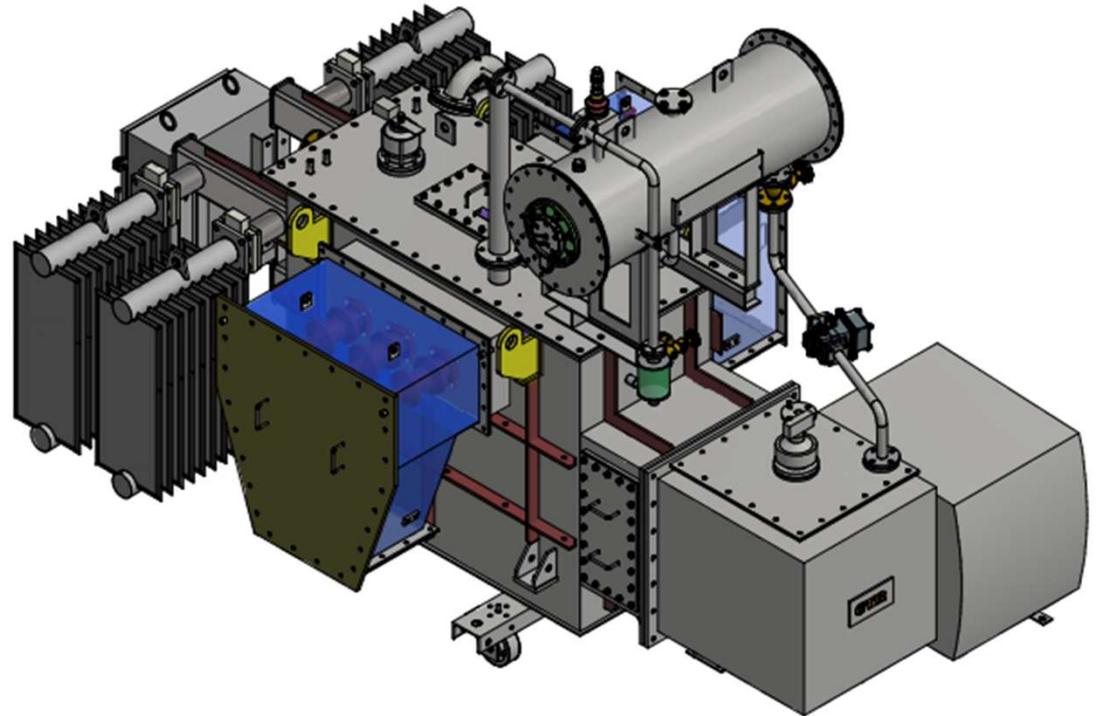
PRODUCT-MULTI-SECONDERIES TRANSFORMER



PRODUCT-DRIVE TRANSFORMER & SOLUTION PROVIDER



Multi-secondaries Transformers for Rectifier application



PRODUCT-DT, ET, SAT, UAT UP TO 36KV, 30MVA



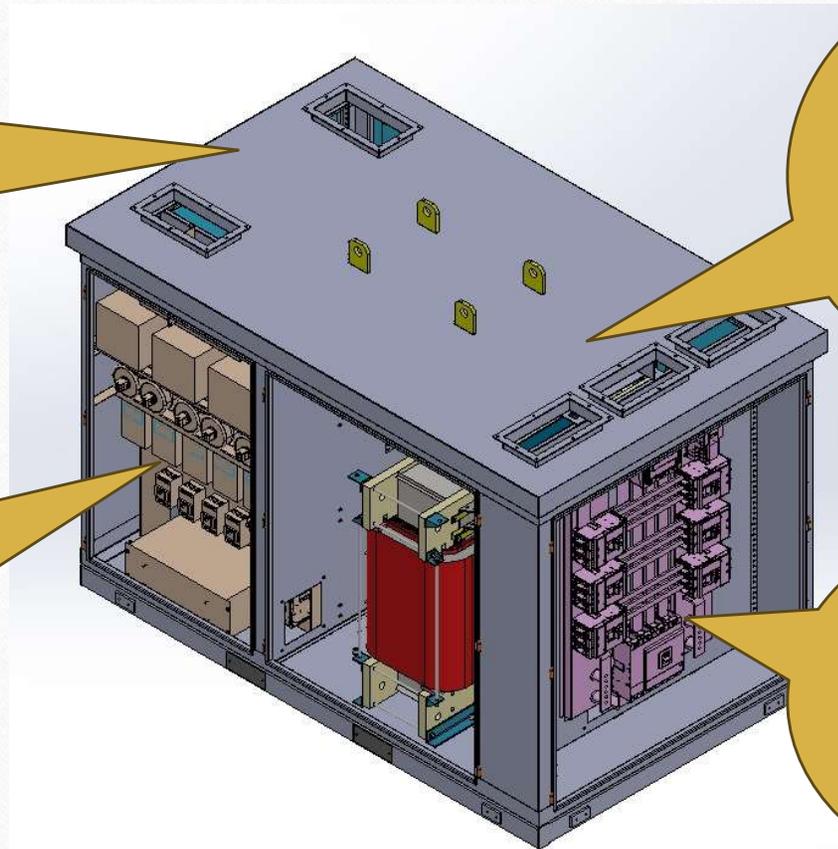


PRODUCT: i-SCS



HV Side-Incoming
11/22/33KV, Breaker,
RMU as per customer
configuration & approved
make.

Hybrid Filter to
ensure power factor
almost unity, Combination
of static VAR generator
with addition of reactors,
capacitor, thyristors &
module controller can be
configured as per customer
choice our preferred brand
is TDK



Transformer Cast
Resin/VPI dry type or
Hermetically Sealed liquid
filled 100 to 3150KVA, up
to 33KV class as per
IEC60076

LT distribution Panel with
Integrated PV , solar Power,
DG power, Interlock,
Transformer protection
relay & power
measurements meters.

i-SCS with OLTC

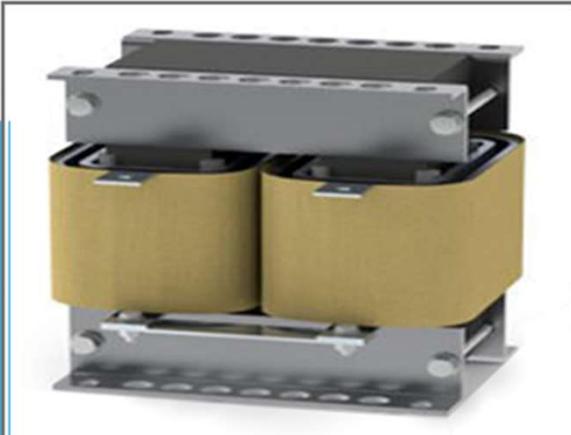
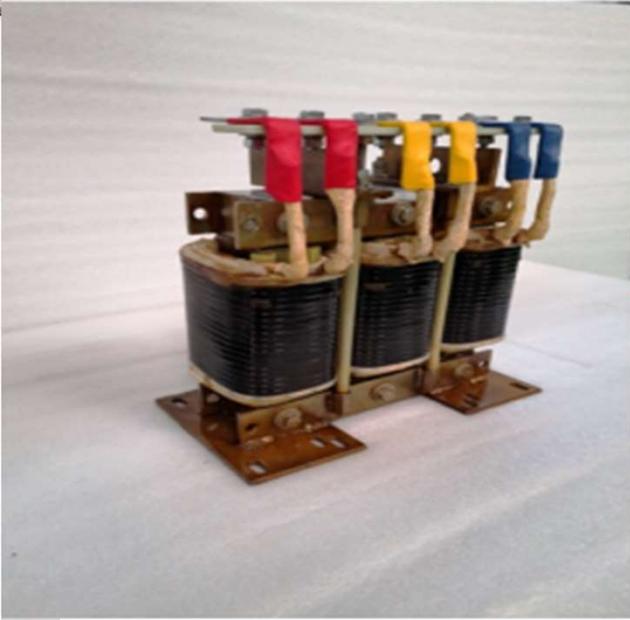


PRODUCT: i-SCS

mayog



PRODUCT-REACTOR



INDUCTORS



PRODUCT-AIR CORE REACTOR



PRODUCT-AIR CORE REACTOR



PRODUCT-IRON GAP CORE REACTOR



EPOXY COMPONENT:

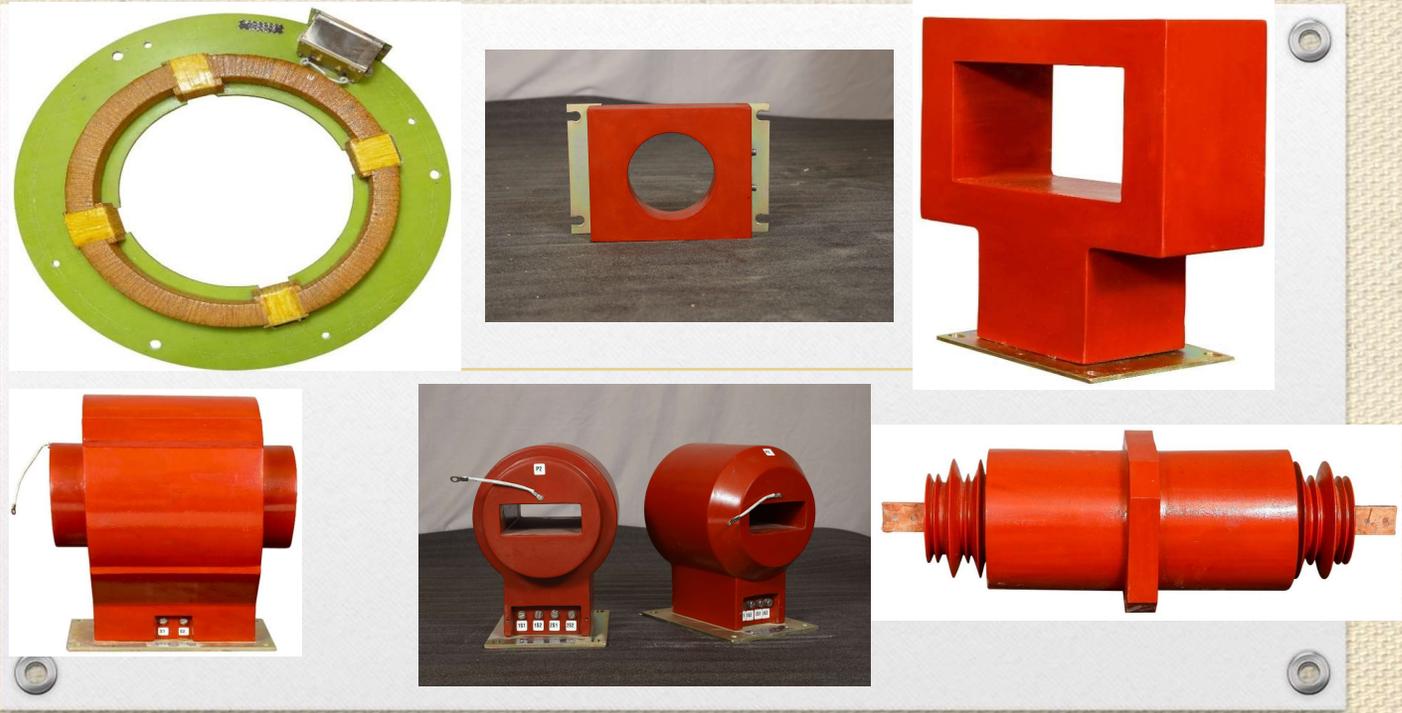




PRODUCT-HT VT/PT UP TO 36KV



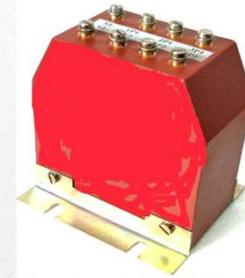
PRODUCT-CT



PRODUCT-HT CT UP TO 36KV



PRODUCT-LT CT UP TO 3.6KV



PRODUCT-NGT UPTO 36KV,



PRODUCT- K rated Isolation VPI & CRT transformers



INFRASTRUCTURE-STORAGE



- Dedicated & distributed storage at place of use.
- Separate storage for self life items
- Segregated storage for scrap
- Vertical storage for molds, jigs & fixture
- FG storage with EOT (Specially FAT friendly)



INFRASTRUCTURE-MATERIAL HANDLING



- EOT Crane 5 & 10T ,20T, 30T-2nos each
- Electric forklift 3T -2 no.s
- Material Hoist 5 & 10T -1no each
- Manual pallet truck -1.5 & 3 T -5each
- Monorail hoist -1.5T-3nos
- Loading & Unloading platform with Hydraulic adjuster



INFRASTRUCTURE-INSULATION



- Slitting machine 1050mm wide -1no
- Shearing machine 1250mm wide -1no
- Fiber glass kitting set up -1set
- Inhouse coil support making machine -3nos
- Conductor paper lapping machine -2nos



INFRASTRUCTURE-WINDING



- Toroidal winding machine (Vertical & Horizontal 150 to 1500mm dia)-12nos
- Winding machines (Horizontal 950mm dia & 1500mm long)-12nos
- Edge winding machines (Horizontal 1500mm dia & 1500mm long)-2nos
- LV foil Winding machine (Horizontal 1200mm dia & 1250mm long)-1no
- HV foil Winding machine (Horizontal 1200mm dia & 1250mm long)-1no
- Special winding machines for winding on core -9nos



INFRASTRUCTURE-IMPREGNATION



- Dipping plant (1x1.5x1.5m) -1no
- Flooding plant (2x1.5x1.5m) -1no
- APG machines -4nos
- VPI plant (1.2diax1.8ht with 1mbar vacuum & 5bar over pressure) -1no

- Casting plant (Local 150kg with vacuum) – 3nos
- Casting plant (Imported Hedrich Germany online 5kg/min) -1no
- Preheating & curing ovens – (1.5x1x1.5)-4nos
- Programmable preheating & curing ovens – (1.5x1.5x1.8)-6nos



INFRASTRUCTURE-CCA



- Cast coil packing jigs & fixture -1Set
- Crimping set up -3nos
- Welding set up (TIG/MIG) -3nos
- Brazing set up -6nos
- Induction Brazing set up -1no
- Aqua Welder -4nos
- In-process test set up -1set



INFRASTRUCTURE-TESTING-Developed in association with ERDA



- In-process test set up trolley- 1set
- FAT-Routine test as per IEC 60076 part 11 - Semi-auto set up-2nos
- Type test as per IEC 60076 part 11- Temperature rise test set up (5MVA 99% efficiency)
- SAT- Onsite test kit -4nos
- Agreement with local laboratories (NABL) for RM test



INFRASTRUCTURE-CRM

- Dedicated Key account Manager
- SRI & DSI 90% plus performance
- FAT- Virtual FAT facility (Test equipment can communicate)
- Customer complaint 4QD & 8D methodology adopted
- RCA shared with customer
- Project tracking tool like IMP for Delivery being shared with customer

LOGISTICS- CUSTOMER FRIENDLY CONTRACTS WITH TRANSPORTERS





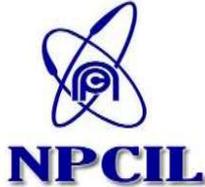
INSTALLATION AND COMISSIONING

mayoq



OUR CLIENTS

mayoo



एसजेवीएन लिमिटेड



NIDEC CONVERSION

