



## Arya Transformers Pvt. Ltd.

AN ISO 9001 : 2008 CERTIFIED COMPANY

HOUSE OF IMPORT SUBSTITUTE PRODUCTS



Leading Manufacturer of  
Special type  
Transformers &  
Inductors



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**CIN:** U31102GJ1996PTC031019

Arya Transformers Pvt. Ltd., One of the leading manufacturers in India since 1980, offering Industrial products to various OEMs as well as users. With our established field proven array of Technology, we pride in providing Highest standard of Products, Technical support and after sales services.

“Best combination of

## State of Art Technology & Dedicated Work Force”

We are Professionally managed company established to serve the industries of globe with quality products. We are supplying our products to many private/public sector industries in their machineries at prestigious projects of National / International importance.

### CAPABILITY

We have technically qualified Engineers with wide experience in the fields of Design, development and manufacturing of Transformers, Inductors & various custom built items. We have updated our Products and Technology to contemporary levels, through continues in-house efforts and acquisition of Technology from the field experience.

Offering Highest Standard of Products conforming to Stringent Specifications.

### STRATEGY

Design, Develop & Manufacture the products based on specifications furnished by customer.

Develop & Manufacture the products based on customers design.

Manufacture the products based on customers drawing.

Design and Develop import substitute products based on study of specification, drawing, application and sample with suitable modifications without affecting the end applications.

### SPECIAL PRODUCT

We are regularly supplying **Transformers** suitable for **High Frequency** application with **built in leakage inductance** and inductors for High Frequency applications to be used with inverter as output Transformer / Inductor.

### ACHIEVEMENT

Our reputation has been earned on the basis of development of Import Substitute Products and compliance of customers requirements. We are constantly at work for further development relevant to the demanding operating conditions. Today our clients know that ARYA is a name Who provides Proper Technical Solutions as per Application.

### MILESTONE ACHIEVED IN DEVELOPMENT

We have successfully designed, developed, manufactured, tested and supplied various products based on customers specifications equivalent/superior to their imported products.

- ◆ Textile Machine Transformer
- ◆ Magnetics for Industrial UPS
- ◆ Magnetics for AC Drives
- ◆ Magnetics for High Frequency Applications
- ◆ Induction Coils
- ◆ Transformers for Domestic Applications with American Socket System
- ◆ Magnetics for Auxiliary Converter (Traction Application)
- ◆ Magnetics for Static Converter, 180kVA, (Traction Application)
- ◆ Magnetics with Amorphous Metal Core (Traction Application)
- ◆ Magnetics with Litz Wire (Traction Application)
- ◆ Magnetics for Aviation Test System
- ◆ Magnetics for Wind Mill Application

### For Traction Application we follow guideline as per following IEC

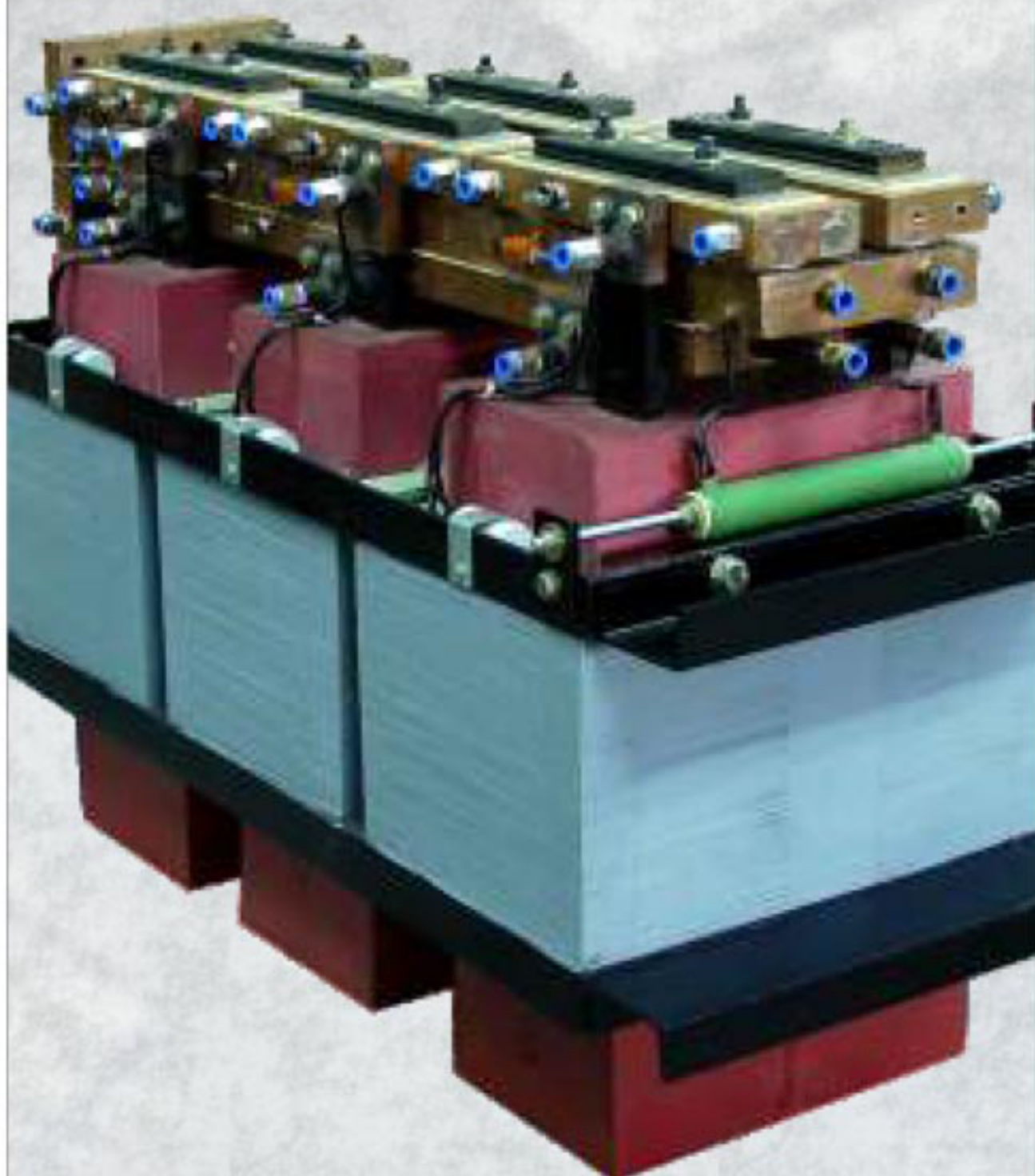
- ◆ IEC 77 Rules for Electric Traction Equipment.
- ◆ IEC 310 Traction Transformers & Inductors.

### Following product are successfully tested at ERDA, Baroda (Independent Laboratory)

- ◆ DC Choke for Auxiliary Converter
- ◆ 3 Phase Battery Charger Transformer for Auxiliary Converter
- ◆ DC Filter Choke for 180 kVA Converter

### Following products are successfully tested at IIT Chennai for Vibration and Shock Test

- ◆ 3 Phase Battery Charger Transformer for 180kVA Converter
- ◆ DC Choke for Auxiliary Converter
- ◆ 3 Phase Battery Charger Transformer for Auxiliary Converter.
- ◆ DC Link Filter Choke for 180kVA Converter
- ◆ 3 Phase AC Output Choke for 180kVA Converter



## 12 / 24 / 36 PULSE TRANSFORMER



Dry Type



Epoxy Cast

## OEM PRODUCT



3 Ph ISO Transformer



Water Cooled Inductor

## PRODUCT FOR RESEARCH LAB



Air Core Inductor

## Features

- ◆ Weather Proof
- ◆ High Reliability
- ◆ Vibration & Shock Proof
- ◆ Suitable for Wide Temp Variation
- ◆ Critical Dim to Save Space
- ◆ Vacuum Varnished and Oven Backing
- ◆ Shielding as per requirement
- ◆ Linearity / Saturation as per requirement
- ◆ Terminations : as per requirement
- ◆ With/without MS Enclosure as per requirement
- ◆ Low Noise
- ◆ Low Loss

## Range

Rating : Fraction of VA to 2MVA

Voltage : Unit voltage to 11kV

Current : up to 10kA

Frequency : up to 80kHz

Insulation Class : F, H and C

Tailor made specifications for Parameters such as Efficiency, Regulation, Temp rise, Dimension

## THREE PHASE INDUCTOR



Output Inductor



Convertor Inductor

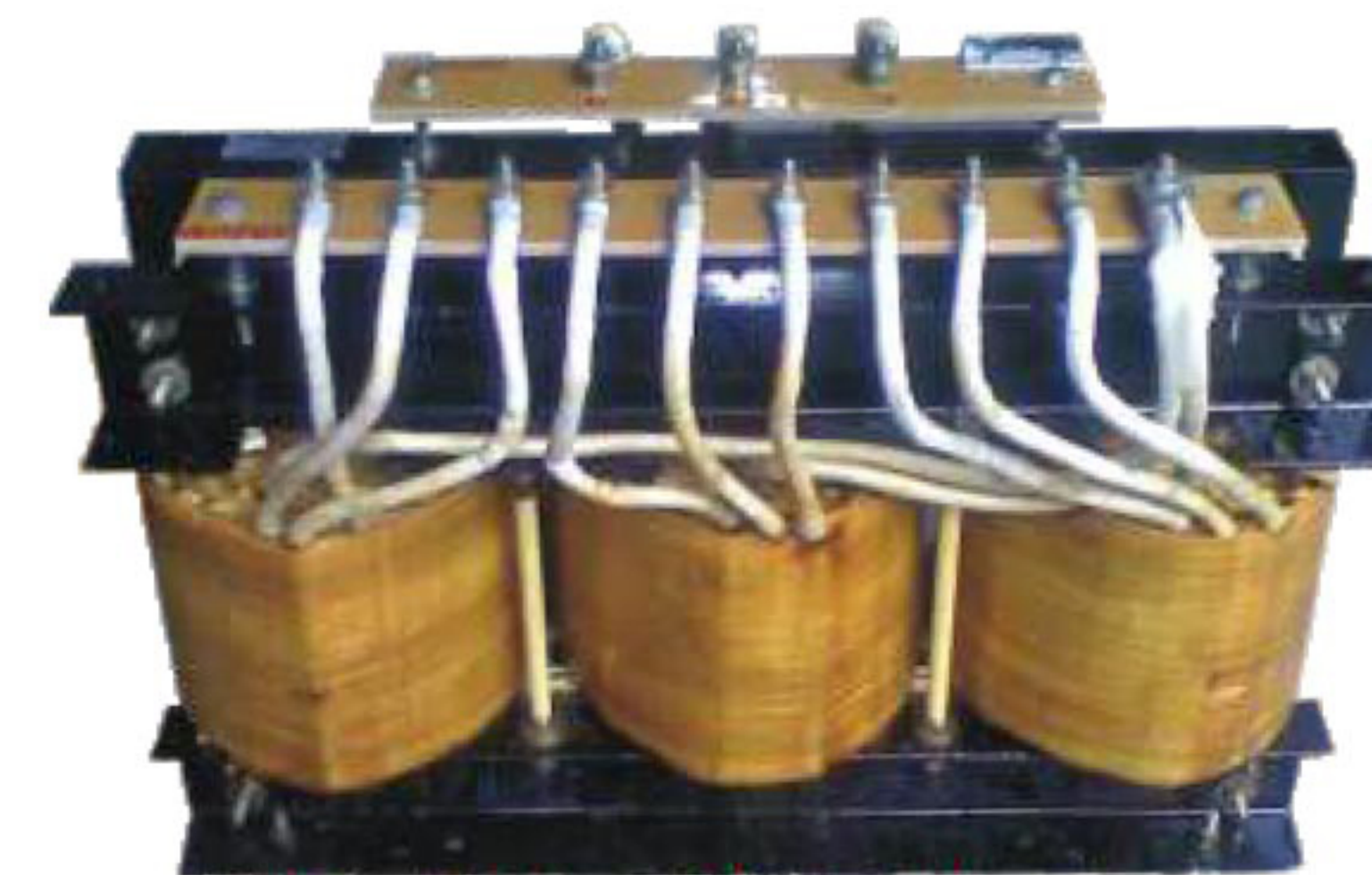


Oil Cooled Line Reactor

## CONTROL TRANSFORMER



## HIGH FREQUENCY TRANSFORMER



Three Phase



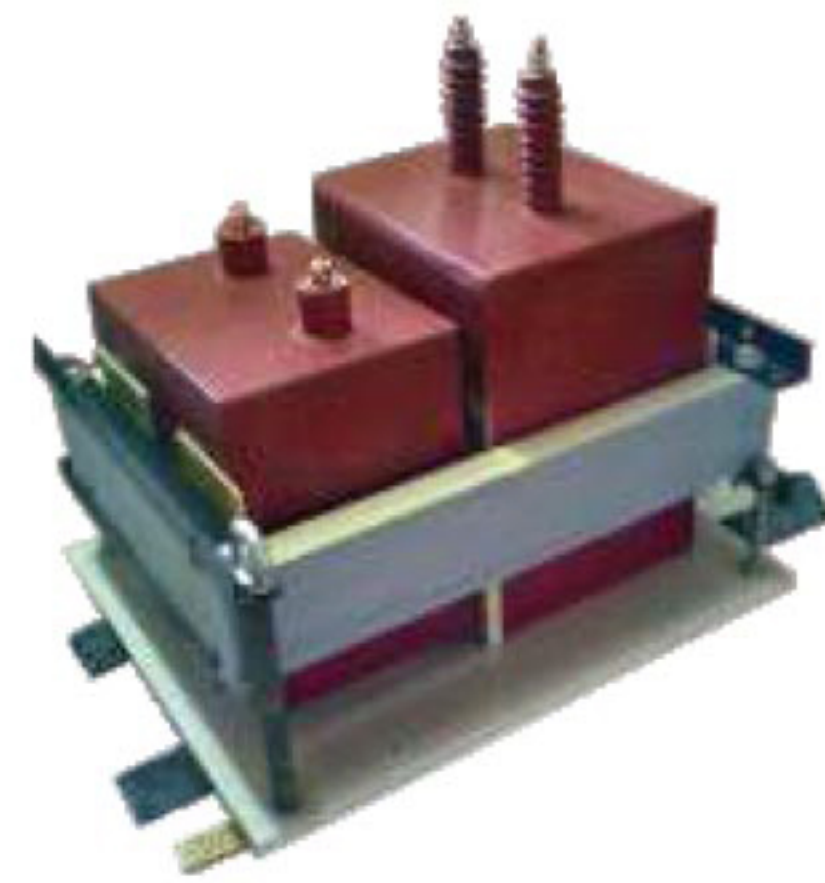
Amorphous Core Single Phase



## HIGH VOLTAGE PRODUCT



HV Pulse Transformer



High Impedance Transformer

## INDUCTOR



Single Phase Traction Inductor



Air Core Inductor

## Application

- ◆ Rectifier
- ◆ Aviation
- ◆ Traction
- ◆ Plasma Research
- ◆ High Frequency
- ◆ High Voltage Isolation
- ◆ High Current Low Voltage
- ◆ Induction Hardening
- ◆ Wind Mill

## Construction

- ◆ Special type Transformers (Other than Distribution Transformer) and Inductors
- ◆ Air / Oil / Water Cooled / Epoxy Cast
- ◆ Copper / Aluminium Wound
- ◆ 1Phase / 3Phase / 3-1Phase
- ◆ Isolation / Ultra Isolation / Auto
- ◆ Wire / Strip / Foil Wound
- ◆ Normal / High Frequency
- ◆ Core / Cel Type
- ◆ CRGO / CRNGO / Amorphous Metal Core
- ◆ 12 Pulse / 24 Pulse / 36 Pulse
- ◆ Air Core / Iron Core
- ◆ Multi Taping / Multi Winding

## WATER COOLED TRANSFORMER

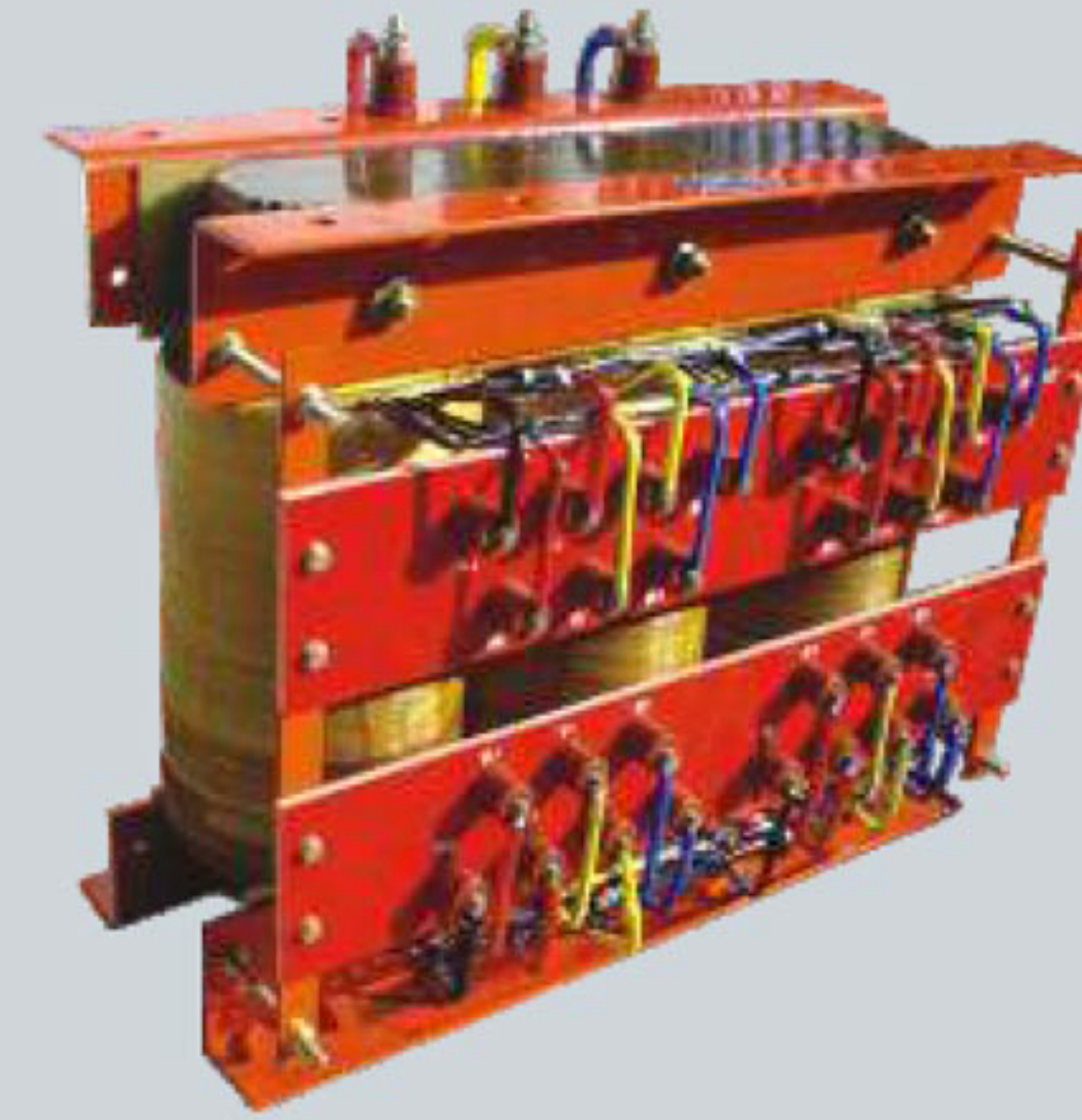


Three Phase



Single Phase

## POWER TRANSFORMER (DRY TYPE)



Multi Secondary, Multi Tap Transformer

## SPECIAL APPLICATION TRANSFORMER

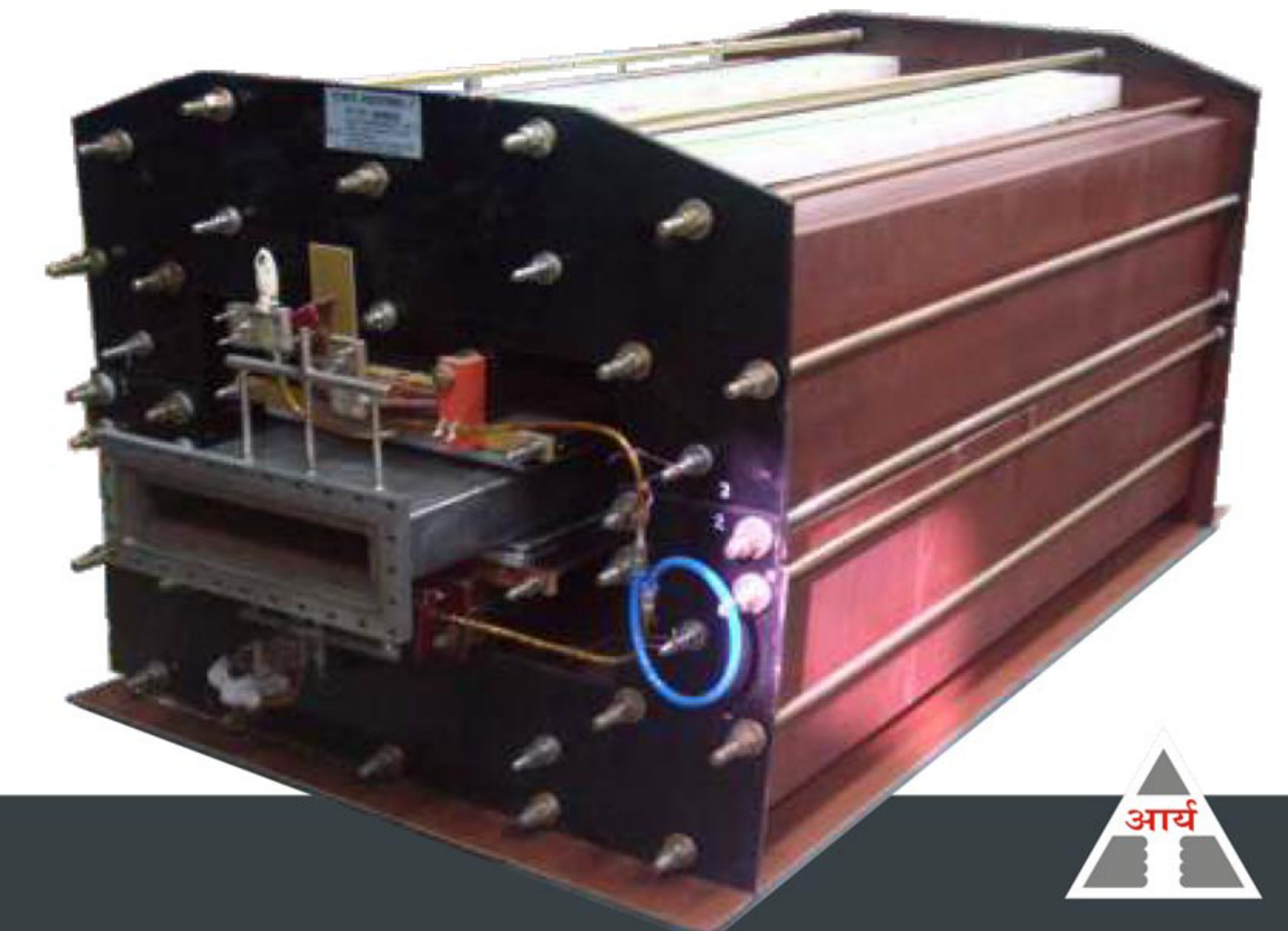


Scott Connected Testing Transformer

## WIND MILL INDUCTOR



## SPECIAL PRODUCT



Magnetic Yoke for Plasma

