



We are

■ POWER ■ PASSION ■ PERFORMANCE

2023 | Corporate Profile

- Company Introduction
- Competencies
- Products
- Uniqueness & Capabilities
 - Manufacturing and Testing
- Existing Customers



- Incorporated in the year 1958 in Mumbai, India
- Exports to US, Europe, Middle East, East Asia & more
- Products comply to BIS, EN, IEC, UL, CSA, SASO
- Group Turnover 2021-22 crosses 1 million USD
- Team Size
 - Full time Employees 51 and
 - Contract Employees 32
- Key's to success
 - Innovative engineering
 - Deliver quality products
 - Reasonable cost



HERCO Team

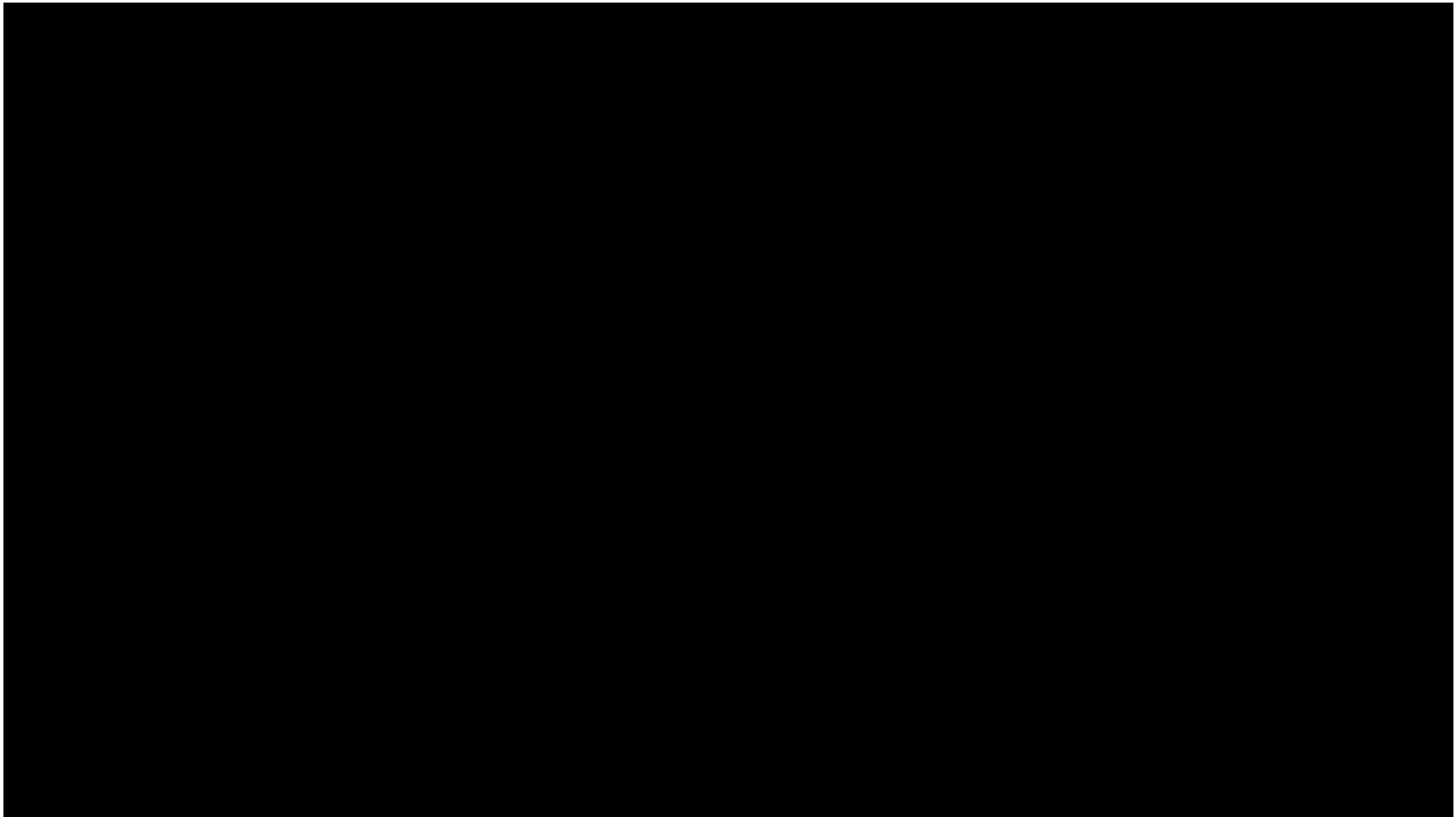
- 150+ Years of Engineering and 200+ Years Technical Experience
- Team includes industry experts in Transformer Design, Engineering, Manufacturing and Testing
- Full Time employee – 51
- On Contract Labour - 32

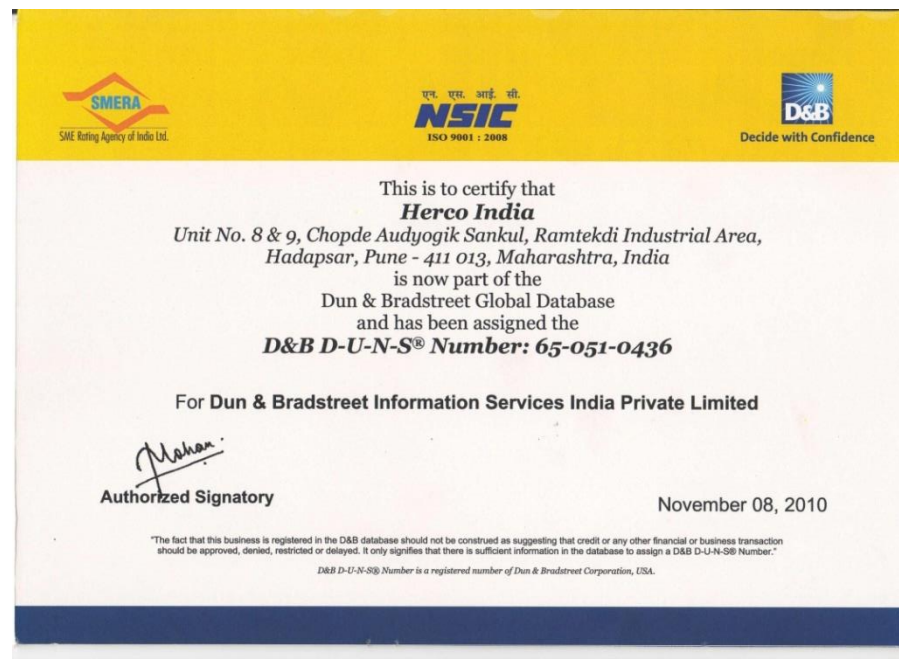
HERCO Capability

- Well experienced team handling all the functions
- Fully equipped manufacturing and testing facility
- Enthusiastic customer support team



Corporate Video







Today – Product range

Transformers

Boilers

Ignition Transformer are available in start ground and mid-point ground version. These are also classified by continuous and intermittent duty cycle with 100%ED. These transformers come in standard configuration of 2X7KV, 2X5KV, 1X10KV, 1X8KV



Electrostatic

Electrostatic Transformers are High Voltage DC power supplies designed for Air and Oil Filtration Industry. These power supplies are designed to withstand upto 7th harmonics and come in standard configuration of 6KVDC, 7.5KV DC, 12KV DC and 15KV DC models



TAN-Delta

TAN-Delta test transformers are shielded to nullify the stray capacitance effect from transformer winding. These transformers come in 12KV, 100mA, 200mA, 300mA, 1A and as per customer specific requirement



Furnace

Furnace Transformer are available in 1/3 phase, appropriate bus bar connections suitable for high current ratings. Cooling type natural and forced air, with enclosure and panels as per customer requirements. We can build to NEMA and CE standards



Note: Transformers are also available in 110V version, start ground, custom design requirements can be developed.



Today – Product range

Transformers

Electromagnets

Electromagnets are specially designed too work with process line automatic bowl feeders. These electromagnets come in various VA ratings as may be suitable for different sizes of bowls and weight



Instrumentation

We design many products for instrumentation industry in our high voltage range of power source. Currently we have achieved 40KV, 60KV, 70KV, 100KV both in AC and DC source in dry type epoxy filled and oil filled transformers



Isolation/Control

Isolation and Control transformers are available in various ratings starting from 50VA upto 500KVA. Isolation transformer can be shielded to provide ultra isolation in terms of harmonic isolation between the windings



Reactors

Specialization in Chokes and Line Reactors



Note: Transformers are also available in 110V version, start ground, custom design requirements can be developed.



Today – Product range

Transformers

Cast Resin Power

Specialization in Dry type distribution transformers in 11/22/33KV supply line.

These transformers are housed in special designed panels for superior natural air cooling and safe to install in buildings, underground panels and garages.



Oil filled Power

Specialization in Oil filled Power transformers in 6.6/11/22/33KV supply line. These transformers are housed in special designed tanks for superior natural oil cooling and safe internal and external installations



Enclosures and Tanks

Isolation and Control transformers are available in various ratings starting from 50VA upto 500KVA. Isolation transformer can shield to provide ultra isolation in terms of harmonic isolation between the windings



Panels

Specialization in Dry type distribution transformers in 11/22/33KV supply line. These transformers are housed in special designed panels for superior natural air cooling and safe to install in buildings, underground panels and garages



- 10,000 sq.ft of manufacturing space, additional 10 acre in happening
- Latest machinery being added to the production floor to enhance capacity and capabilities
- In-house crane capacity of 5 ton
- Complete Test facility in-house (except Impulse test)



- Winding Machine
 - Fully Automatic – 10 Nos
 - Medium Duty Motorized - 3 Nos
 - Heavy Duty Motorized - 2 Nos
- Welding Machine
 - TIG Welding – 1 No
 - MIG Welding 450A – 1 Nos
 - Spot Welding - 1 No
 - AC/DC ARC Welding – 1 No
 - CO2 250 Amps Welding – 1 No
- Bending Machine
 - CNC 63T Press Brake Machine – 1 No
 - Bus Bar Bending Machine – 1 No
- Drill Machine
 - Floor mounted Drill Machine – 3 Nos
 - Hand Drill – 4 Nos
- Vacuum Impregnation Machine
- Oven – 3 Nos (Large 1, Medium 2)
- Crane
 - 5 Ton Floor Crane
 - 1.5 Ton – 2 Nos
- Laser Machine
 - 300W Laser Machine – 1 No
- Cutter Machine – 3 Nos



List of Test Equipment and Process

- Typical Testing Process

- Winding Resistance Test
- Ratio Test
- No Load Test
- Full Load Test (Where applicable)
- Short Circuit Heat Run Test
- HV Insulation
- Megger Test
- DVDF Test

- Test Stations – 3 Nos
- Test Transformers – 3 Nos (5MVA capacity)
- Dimmer – 4 Nos (28A – 3Nos, 100Amp -1 No)
- DVDF – 1 No (1000V, 100Hz)
- HV Tester (10KV AC, 50KV AC, 70KV DC)
- Insulation Megger – 3 Nos
- Analog Meter – 10 Nos (On Panel)
- Digital Meter – 10 Nos (On Panel)
- Multimeters – 10 Nos
- Power Analyzer – 1 No
- Ratio Meter – 1No
- Flow Meter – 1 No
- DFT Meter – 1 No
- Digital Oscilloscope – 1 No



- Star Rated Transformer
- Transformer capacity: 50 VA to 5000 KVA (5MVA)
- Available in Single phase or Three phase
- Cooling type: Natural air, Forced air, Oil cooled and Water cooled
- In house facility for Enclosure and panels per customer requirements
- We can build to UL, NEMA, CE/ CSA, EN, BIS and IEC standards



Partial list of Customers

TATA POWER



Aplab



**HERCO- PUNE**

Final Plot No 14, Sub Plot No 8, LANE 1C,
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