



MANUFACTURER & REPAIRER OF VARIOUS
RATINGS OF DISTRIBUTION TRANSFORMERS
(OIL COOLED & DRY TYPE TRANSFORMER)
ONSITE FILTRATION DEHYDRATION OF
TRANSFORMER OIL OF POWER TRANSFORMER



ELECTRO TRANS INDUSTRIES

HEAD OFFICE :

7B, KALI KUMAR BANERJEE LANE, KOLKATA-700002

FACTORY (1) : Unit No. 2UB, Vidya Complex, Naity Road, Mouza Basai, Kanaipur,
P.S. Uttar Para, Hooghly, W.B.-712234

FACTORY (2) : Shed No. 6 (Khatian No. 9243, Plot No. 76) Under Mouja R.K. Nagar Industrial Area,
Teshil-Khayerpur, Revenue Circle Jirania, Sub-Division : Jirania,
District - West Tripura, Pin No. : 799210

Mob. : 09831462531 / 08910771220

Email : electrotransindustries@gmail.com

**"ARISE, AWAKE
AND STOP NOT TILL
THE GOAL IS REACHED"**

Swami Vivekananda



**SREE SREE RAMKRISHNA NAMAH
SREE SREE BROMBHOYEE NAMAH**

ELECTRO TRANS INDUSTRIES

ELECTRO TRANS INDUSTRIES started its journey in the Power Sector since 2015. Since then we have been into Repairing & Manufacturing of various ratings of Distribution Transformers both Oil Cooled & Dry Type at our factory located at Vidya Complex, Naity Road, Kanaipur, Mouza, Hooghly West Bengal 712234. At present we are serving CESC LTD in respect of UPRATING, DERATING, REPAIRING, DEHYDRATION MODIFICATION OF OILCOOLED & DRY TYPE DTR'S OF VARIOUS RATINGS.



**PRATIK MAJUMDAR
PARTNER**

ENERGY EFFICIENT : NO LOAD LOSSES AND FULL LOAD

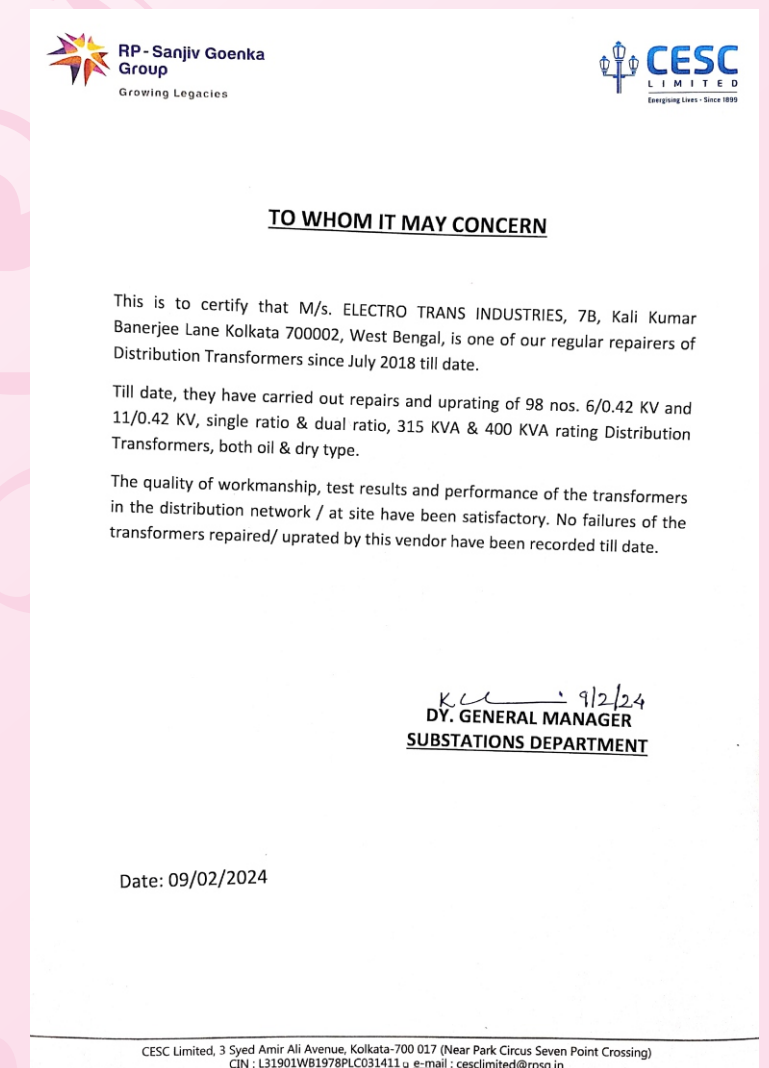
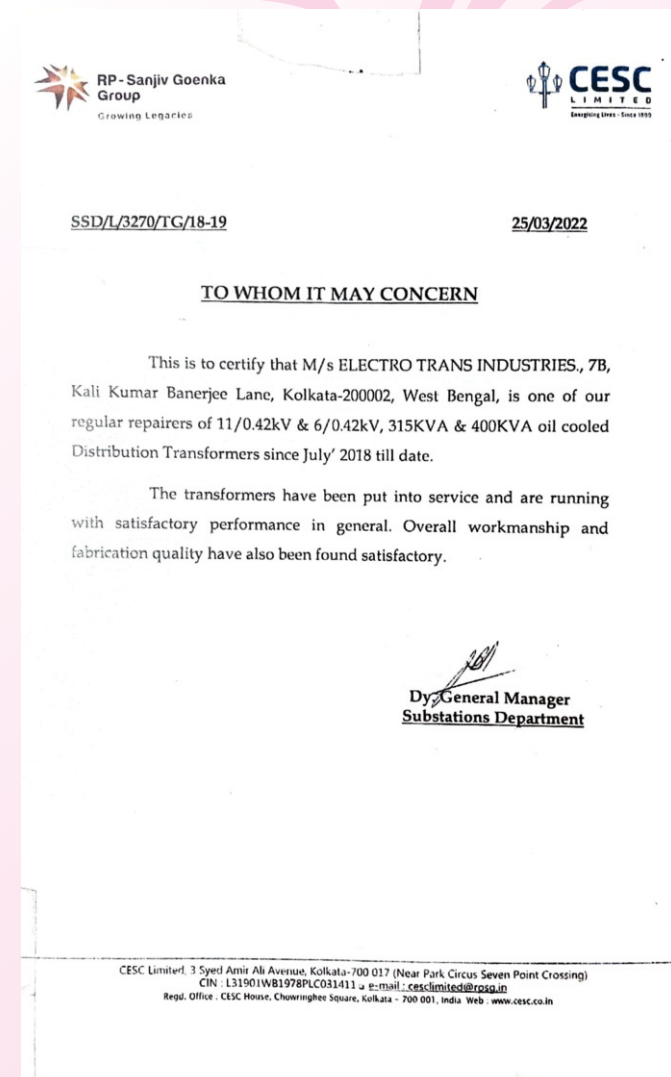
LOSSES are guaranteed within the limits of relevant IS specification. Maximum Load Losses at full load and unity power factor condition of load are minimum. High grade low loss CRGO Laminations are used. The core plates are insulated from one another to reduce the Core loss to a minimum. Copper conductor used is of high purity (Purity>99.97%). Testing of which is carried out as per set Routine inspection to ensure the quality of the same efficiency of out Transformer is above 98.5% to 99.5% which is considered the best.

MANUFACTURING PROCESS :

1. MAKING OF HV COILS
2. MAKING OF L.V COILS
3. CORE ASSEMBLY
4. FABRICATION OF TANKS
5. COIL ASSEMBLY
6. STAR DELTA CONNECTION
7. HEATING & DRYING PROCESS
8. HARDWARE FITTINGS OF TANKS
9. TANK UP/BOX UP
10. PAINTING
11. TESTING
12. DESPATCH



OUR CREDENTIALS PERFORMANCE CERTIFICATES



C.S.R
INDUSTRIAL VISIT BY STUDENTS OF
NORTH KOLKATA POLYTECHNIC



CONFORMING TO RELEVANT IS STANDARDS

Transformers IS: 2026	MS Tank IS: 226/IS:961
Transformer Oil IS: 335	Gaskets IS: 4253
Copper Strips IS: 747404	Breather IS: 3401
Copper Wire IS: 74704	Drain Valve IS : 778
Filter valve IS: 778	OLTC IS: 8468
Bushing IS: 3347	Metal Part IS: 2099

Name of the test	Relevant IS Standard
Insulation Resistance	IS : 2026
Ratio Polarity & Phase Relationships	IS : 2026
Separate source voltage withstand	IS : 2026
Induce over voltage withstand	IS : 2026
No load losses & No load current	IS : 2026
Load losses & Impedance Voltage	IS : 2026
Measurement of Winding Resistance	IS : 2026
Air pressure test & check leakage	IS : 2026

OUTDOOR DRY TYPE 400KVA DISTRIBUTION TRANSFORMER
CLIENT NAME CESC LTD.



VACCUM IMPREGNATION PLANT



**CORPORATE SOCIAL
RESPONSIBILITY (C.S.R)**

**INDUSTRIAL VISIT BY STUDENTS OF
BIRLA INSTITUTE OF TECHNOLOGY (B.I.T)**



OUR MENTORS

Technical Advisor



JAIDEEP BASU ROY
(EX D.G.M. SUB STN DEPT. CESC LTD)

Technical Advisor



TAPASH ROY
(EX MANAGER CONSTN. & PROJECTS CESC LTD)



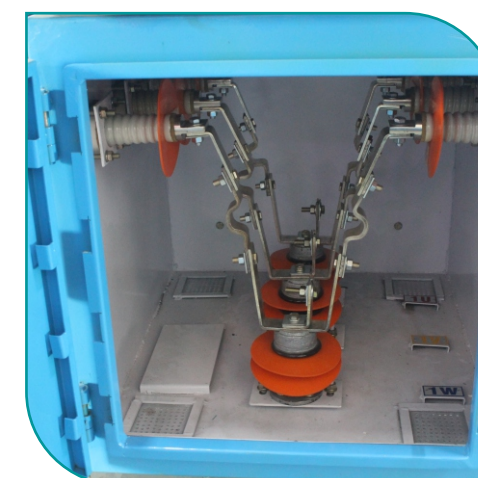
OUTDOOR OIL TYPE 400KVA DISTRIBUTION TRANSFORMER CLIENT NAME CESC LTD.



HV COIL MAKING OIL TYPE DTR



CORE COIL ASSEMBLY OF OIL TYPE DTR



HV LINK ASSEMBLY OIL TYPE DTR



LV COIL MAKING OIL TYPE DTR



MCB METERING BOX IN DTR'S



DTR'S PLACED IN BAKING OVEN
WITH HV ISOLATOR & LV CFS



PAINTING IN PROCESS



HV DRY TYPE ISOLATOR CONNECTION IN DTR

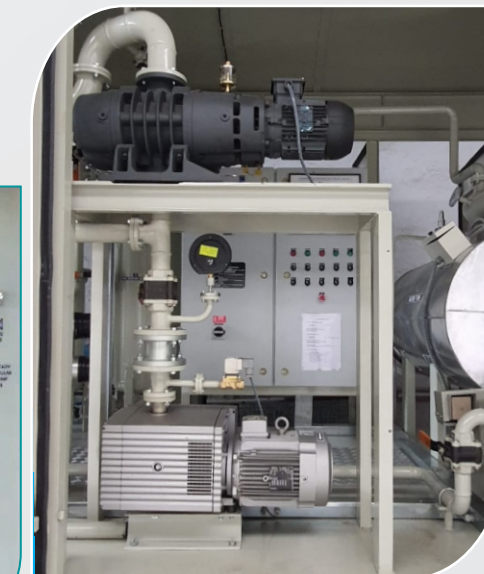
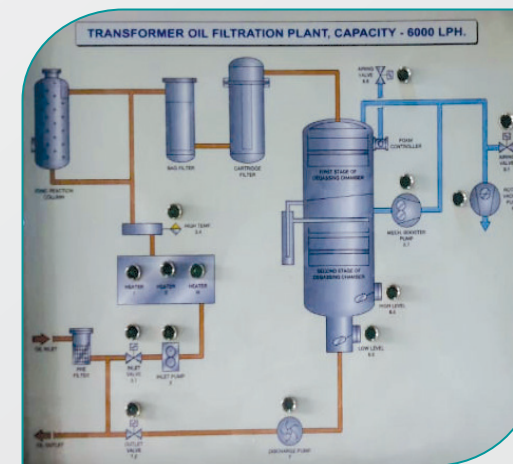


800 AMPS CFS LV STUD
ASSEMBLY

ON SITE TRANSFORMER OIL FILTRATION PLANT

6000LPH

On the lines of diversification at present we are looking forward for engaging us in the field of On Site Power Transformer Oil Filtration the main emphasis is to provide Mobile filtration service of various ratings of Power Transformer at clients site/sub stations. Our focus client based is mainly Power Utilities of West Bengal (both Transmission & Distribution wing) & neighboring states of West Bengal along with various Corporate clients/Bulk Consumers having Captive plants, various Projects, including Corporation / Municipal bodies plants, Public Works Department (PWD / CPWD) and any other site where Power Transformer are installed. For providing hassle free timely service & to cover a larger area / Distance Our Oil Filtration plant having a capacity of 6000LPH is mounted on a newly purchased vehicle. Our objective is to removal of suspended particles, Degassing & de humidification, flushing & cleaning of Transformer & De acidification.





OUTDOOR OIL TYPE DISTRIBUTION TRANSFORMER
CLIENT NAME TRIPURA STATE ELECTRICITY CORPORATION LTD.

