

Transformer Oil Filtration Plant



CEE DEE
VACUUM EQUIPMENT PVT. LTD.

AN ISO 9001:2008 CERTIFIED COMPANY

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Skid / Mobile High Vacuum Insulating Oil filter Plant

To obtain optimum performance from transformer, it requires high quality and purity of insulating oil during the time of use for all present and future transformer. The increasing voltage and rating of the modern transformer under goes greater electrical stress in insulating material and fluids of electrical apparatus. To avoid these stresses, oil with good dielectric qualities and minimum residual moisture (water) content in oil should be maintained.

A contaminated oil tends to lose its characteristics of dielectric strength, resistivity and loss factor. Moisture in oil, favours acid and sludge formation.

The CEE DEE insulating oil treatment equipment has been designed specifically for the filtration, dehydration and degassing of the insulating oils used with transformers, electric cables, switch gears etc.



Skid Mounted



Portable Caster Wheel Mounted



Truck Mount



Mobile



Mobile



UNIQUE FEATURES

- Capacity ranges from 50 LPH to 24000 LPH.
- Easy-to-clean inlet mesh filter used to catch hold coarse dirt.
- Standard efficiency of 0.5 / 1 Micron cartridge filter.
- Heat exchange through very low specific power electric heaters.
- Degassing column with either single, two or three stage version.
- Vacuum pumpset in combination with Rotary vane vacuum pump and Roots pump to improve the vacuum pumping Speed.
- Compact, easy to operate equipment supplied with pneumatic wheels for an easy transport on road.

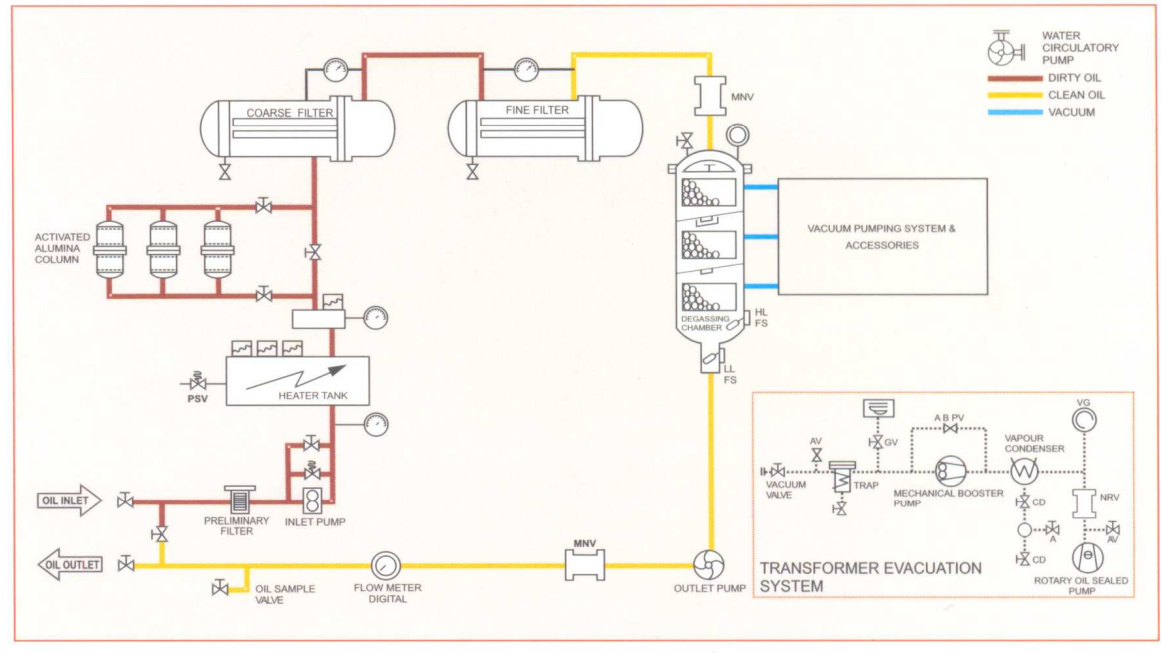
OPTION

- Condenser equip to settle the most volatile oil fractions which might distil back to the column.
- An exhaust condenser to measure the extracted water.
- Digital temperature measurement.
- Digital precision vacuum gauge.
- Digital flowmeter.
- Digital in line moisture & gas content meter.
- Ionic reaction columns to remove the acidity from the oil.
- Audio / Visual fault annunciation System.
- PLC control system.
- Fullers Earth oil treatment column.

APPLICATION

- Electric power generating plants.
- Power / Distribution & transmission facilities.
- Paper mills.
- Refineries.
- Chemical Plants.
- Steel mills.
- Coal Mines
- Railways

3 STAGE HIGH VACUUM INSULATING OIL FILTER PLANT.



WE CUSTOMISE DESIGN & MANUFACTURE WIDE RANGE OF TRANSFORMER OIL TREATMENT PLANT



Transformer Oil Filtration Plant

Oil Storage Tank :



Available in

- ▶ Various Range
- ▶ Stationary
- ▶ Mobile
- ▶ Truck / trolley Mounted
- ▶ Insulated / Non Insulated
- ▶ Customized

- ▶ Vacuum Impregnation Plant
 - Casting • Resin
- ▶ Vacuum Drying Plant
- ▶ Resin Casting plant
- ▶ Electrostatic oil cleaner (CDOC)
- ▶ Drying Ovens
- ▶ Vacuum Ovens
- ▶ Uni - Vac Oil Dehydration Unit
- ▶ Capacitor Impregnation Plant
- ▶ Sf6 Gas Purification Plant

Authorised Representative

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IN COLLABORATION

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