IN COLLABORATION

Micavac
Vacuum Technology

CEE DEE
VACUUM EQUIPMENT PVT. LTD.

VAPOUR PHASE DRYING SYSTEM

www.ceedeevacuum.com

MAKE IN INDIA

FEATURE

Anti Corrosion Process

JET Evaporator System

Sods - Smart Oil Drainage System

3 Stage Vacuum System

APRS - Advanced Pressure Reduction System

Process End Determination & Control System

APPLICATION

Perfectly Dried Transformer

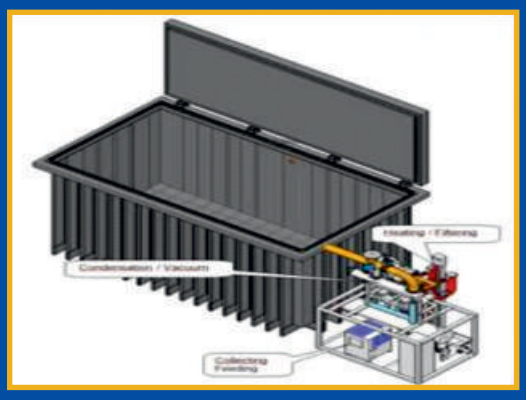
Minimal Operating Cost

Most Experienced Support Team For Plant And Process

Shorter Process Time

Highest Level of Operational Safety

High Reliability of Plant



Vapour Phase Process with JET Evaporator

- Highest possible heat transfer for uniform heating due to increased turbulence.
- Most accurate temperature regulation for protection of the insulation.
- Earliest possible water extraction for reduced deploymerisation.
- Perfect distillation with minimal energy losses.
- Shortest possible process time.

WHY VPD?

- Achieve required insulation dryness in order to assure resistance specification.
- Increase service life span due to minimized de-polymerisation, which mainly depends on the correct process control and surveillance.
- Shorter drying time by up to 70% due to absence of oxygen which allows higher operating temperatures.
- Lower energy cost by up to 40% due to shorter process time.
- Washing out of old oil in repair transformers facilitates handling and shortens drying time as the old oil will not trap the moisture inside the insulation.

Advantages of Vapour Phase JET Evaporator

- Shorter Heating respective to Drying times.
- Small temperature differences on the drying object at the end of the heating up phase due to improved heat transfer values (alpha) resulting in better drying results.
- More homogeneous humidity profiles respectively smaller differences in the humidity content on the drying object.
- Higher Condensation temperature at the drying object as there are no flow losses, as the high vapour flow speed is induced by the solvent injected at high speeds.
- Higher drying temperatures on areas with reduced vapour access due to high turbulence resulting in increased diffusion coefficient.
- Advanced Pressure Reduction System.

Why Cee Dee ...?

- Customized Designed.
- Best Quality.
- Large Manufacturing Setup with Modern Facility.
- Well experienced team.
- Strong Post-Sales Support.
- Located in developed Industrial Hub.
- Worldwide Existence in more than 43 County.

Cee Dee's Range Of Products

- Autoclave
- Capacitor Impregnation Plant
- Cast Basalt Lined Pipe & Fitting
- Electrostatic Oil Cleaner (CDOC)
- Lubricating Oil Purification System
- Oil Distillation System
- Oil Polishing & Distillation Plant
- Oil Storage Tank
- Online Transformer Conditioning / Re-Refining Plant
- Online Transformer Oil Purification Plant
- Resin Casting Plant
- SF6 Gas Recovery, Filling, Filtration, Gas Handling Unit
- Solvent Recovery System
- Trans Dry (On-line Drying Unit)
- Vacuum Drying Plants
- Vacuum Pressure Impregnation Plant
- Vacuum Pumping System
- Vapour Phase Drying Plants

CEE DEE
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AN ISO 9001:2015 & 14001:2015 CERTIFIED COMPANY

Registered Office : Plot No. 81-B/16 , General Block , M.I.D.C., Bhosari , Pune - 411026 India.
Contact No. :+91-20-27126253 / 7199 / 9299 / 8308826050 / 7038008525
Email : co-ordinator@ceedeevacuum.net, marketing3@ceedeevacuum.net
Manufacturing Facility : A-53 & A-54 , Phase 2 , Wasuli , M.I.D.C. , Chakan , Pune - 410501 India.
Tel. : +91-2135-613900