



ES&E SERVICES & SOLUTIONS

VFD CAPACITOR REFORMING

Do you have VFDs that have been in storage for greater than two years? If so, the capacitors in those units may have degraded and need to be reformed.



ES&E

Critical spares need to be maintained as much as your production drives. Our capacitor reforming service can ensure your spares will perform as expected when needed.





ES&E SERVICES & SOLUTIONS

VFD CAPACITOR REFORMING



Measuring aging capacitors helps avoid pre-emptive replacement

Reforming capacitors can aid in preventing catastrophic failure

Quick verification of stored drives

Reforming saves cost of purging old stock capacitors

Decreases maintenance time and cost

VFD capacitors are comprised of two charging plates, an anode, and a cathode, with an insulator/oxide layer between them. Over time and without power, the oxide layer degrades and becomes uneven, which can crack and allow leakage current to flow between the anode and cathode.

To avoid this, ES&E now offers a capacitor reformation service for any drive, regardless of the manufacturer. Reforming is the process that allows the oxide layer to reform and fill in the unevenness and cracks. Your drive may power up without issues after prolonged storage, but the capacitors will have weakened. Extended storage can significantly increase the chances of premature failure of a VFD capacitor.

ES&E Services & Solutions

Call now to get more information or to schedule a VFD Capacitor Reforming Service.

800.632.0268 | sales@ese-co.com | www.ese-co.com