



Transforming The Future Of Power Technology

312 Rising Sun Rd.
Bordentown, NJ 08505

phone: 609.298.7300
fax: 609.298.1982

e-mail: service@nwl.com
www.nwl.com

CONSULT FACTORY WITH DETAIL REQUIREMENTS OR REQUEST TECHNICAL DIALOGUE

Transformer/Rectifier Set Repair and Refurbishment Program

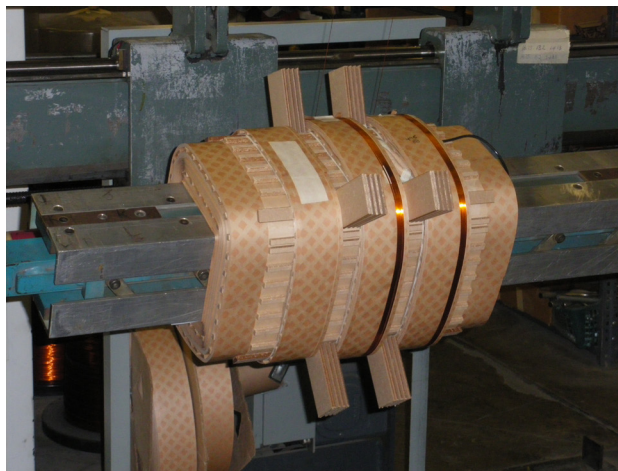
Restore your ESP Power Supply to Better than Original™ condition

NWL has been refurbishing transformers since its founding in 1920. Over the years, we have developed the finest ESP transformer/rectifier (T/R) set repair facility in North America. By leveraging our considerable manufacturing capabilities and power engineering expertise, we are able to repair or refurbish any manufacturers transformers and T/R sets better than any competitor and to better than original condition with a 24 month warranty on the complete unit.

As a major power supply business, we don't simply reverse-engineer your old T/R set. We provide a **Better than Original** unit that incorporates the latest design and manufacturing standards. We stand by our work with the longest warranty in the industry.

Why choose NWL as your repair partner?

- **Higher Quality** - we are a dedicated power supply company that builds and repairs hundreds of T/R sets annually; our repair facility is integrated into our ISO certified engineering, manufacturing and quality structure for superior process control.
- **Faster Delivery** - our design and logistics capability allows us to pre-build major sub-assemblies before your equipment arrives at our facility, enabling us to match lead times with any local repair shop.
- **Greater Value** - our vertically integrated manufacturing provides significant cost advantages; our power engineering leadership provides the best technical upgrades. The final result is a very competitively priced, **Better than Original** T/R set that will provide decades of reliable service.



As a fully certified ISO 9001:2000 facility, our Bordentown, NJ factory winds coils (above), builds diode boards, and fabricates all subassemblies in-house.



Pictured above is a fully refurbished double-half wave T/R set that has been tested and is ready for shipment to a utility customer in the Midwestern U.S.



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NWL Transformer Repair and Refurbishment Capabilities

Complete Range of Repair Options:

Emergency Repair

- 15 day turnaround or Labor is FREE
- One year warranty on replaced parts

Standard Repair

- Repair damaged/worn parts only
- Replace coil only
- Replace core and rectifier
- Clean High Voltage Tank

Complete Refurbishment

- Replace transformer CORE and COILS
- Replace current limiting reactor (if applicable)
- Replace air core reactor(s)
- Replace all resistors
- Replace diode stacks (rectifier)
- Replace meg resistor set

On Site Field Service

- T/R set diagnosis and troubleshooting
- Installation and Training

In-House Technical Support

Transformer Refurbishment Program:

- T/R sets restored to **Better than Original** condition at a very competitive price

Most common Repair option

- New Coil and Rectifier (Built by NWL)

New Components

- Obsolete designs upgraded to current electrical standards
- New Gauge and Feedthroughs
- Complete High Voltage Tank overhaul (done at our Florence, NJ facility)
- 24 month warranty on entire unit
- Discounts available for multiple units



NWL has over 150,000 ft² of manufacturing and repair space at our two facilities in Central NJ. The main factory in Bordentown NJ is pictured above. The second plant is dedicated to metal fabrication and high voltage tank repair.



NWL has two oil processing chambers that allow the high voltage tanks to be filled under a strong vacuum, ensuring the windings are totally impregnated.