



MIAMI SERVICE CENTER

Excellence in creating innovative solutions for the supply, control and use of energy

TAW® MIAMI SERVICE CENTER QUICK FACTS

**Operations • Sales • Customer Service • Logistics Production
Engineering • Quality Assurance • Field Service Departments**

BUILDING INFORMATION

- Total Property Area: 4.61 Acres (54,738 Sq Ft)
- Building Size: Total Square Feet: 43,508
Main High Bay: 240' L X 62' Wide

CAPABILITIES

Material/Equipment Handling

- Forklift Trucks (5 Ton and 10 Ton Lifting Capabilities)
- Overhead Bridge Crane (20 Ton and 40 Ton Capacity)
- Qty: 2 Single Leg Gantry Crane (5 Ton Capacity)

Electrical Apparatus Repairs and Testing

- Motor Test Center (Up to 4000 Volts AC and Up to 750 Volts DC)
- Surge Comparison Testers (Rated 30 kV)
- Qty: 2 Core Loss Testers (10 kVA and 125 kVA)
- Loop Testing of Stator Cores
- High Potential Testers (Rated 50 kV AC and 70 kV DC)
- Megohmmeters (Rated 10 kV)
- Digital Low Resistance Ohmmeter
- DC Armature Bar to Bar Testing
- Transformer Turns Ratio Testing
- Repetitive Surge Oscilloscope Tester (RSO)
- Growler Tester
- Borescope Examinations
- Thermal Imaging
- Varnish Dip Tank (7' x 9' x 7' Deep)

- Vacuum Pressure Impregnation (VPI) Equipment (Chamber: 96" Dia x 96" Deep)
- Qty: 2 Baking/Curing Oven (8' x 9.5' x 10.5' High and 4' x 6' x 5' High)
- Burn off Oven (8' x 9.5' x 10.5' High)
- Climate Controlled Winding Room
Qty: 3 Coil Winding Machines
- Armature Banding Lathe
- Climate Controlled, Turbo Rotor Clean Rooms (Qty: 2)
- Qty: 1 Cold Flat Wire Coil Bender
- Field Coil / Transformer Winding Machine

**9930 NW 89TH AVENUE
MIAMI, FL 33178**

305-884-1717

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CAPABILITIES

Mechanical Repairs

- Vibration Analysis, Hardness Testing
- Multiple Horizontal Lathes Including:
 - 31" x 274" Distance Between Centers
 - 40" x 158" Distance Between Centers
 - 33" x 157" Distance Between Centers
- Vertical Turning Lathe: 84" Table, 89" Swing, 74" Under Rail
- Boring Mills, Drill Presses, Hydraulic Presses
- Dynamic Balancing (Hard Bearing Up To 30,000 lbs)
- Turn and Undercutting DC Armatures
- Welding, Grinding, Metalizing & Machining

General/Other

- Paint Booths
- Cleaning systems:
 - Sandblasting (Blast Room 11' x 20' x 10.5' High)
 - Pressure Washing, Steam Cleaning

Field Services

- In place trim balancing
- Vibration Analysis
- On Site Motor Maintenance and Testing
- Outage Management
- Onsite Generator Inspection (Digital Wedge Tightness Testing, EL CID Testing, Failure Analysis, Winding Insulation Tests, etc.)
- Generator and Motor Rewind, Re Wedge (On Site & in Shop)
- Thermography, Wear Oil Analysis
- Laser Alignment
- Design, Installation and Troubleshooting of Variable Speed Drives and Soft Starters
- Circuit Breaker and Switchgear Testing
- Borescope Examinations
- Repair, Refurbishment and Replacement of Pumps
- Turnkey Project Management

