

Highly trained, experienced personnel, exceptional fleet of equipment specially designed for every application.

SERVICES

- ▶ On Site Analysis
- ▶ Inspections / Maintenance
- ▶ Internal Inspections
- ▶ Recovery / Processing
- ▶ Mechanism Repair / Replacement
- ▶ Protective Systems
- ▶ Leak Detection / Repair
- ▶ Parts Sourcing
- ▶ Installation (Design - Rigging - Commissioning)
- ▶ Fill / Charge / Proper Disposal
- ▶ Leak Detection
- ▶ Interrupter Repair / Replacement
- ▶ Gasket / Bushing Repair & Installation

TESTING

- ▶ Bushings
- ▶ Current Transformers
- ▶ Contacts
- ▶ Protective Systems (Relays)
- ▶ Infrared



24 HOUR EMERGENCY SERVICE

CALL (317) 879-0660

WWW.PREMIERPOWERMAINTENANCE.COM

Sulfur Hexafluoride (SF⁶) is a colorless, odorless gas that has an unmatched dielectric strength and arc quenching capabilities 100x greater than air, which makes it ideal for use in electrical equipment. Releasing one pound of SF⁶ into the air is the equivalent environmental impact as letting two cars idle nonstop for one year. We use state-of-the-art Dilo recovery equipment to reliably recover 99.99% of SF⁶ gas to allow us to perform maintenance of the piece of equipment. Our factory trained SF⁶ specialty team also specializes in a number of other SF⁶ services.

DILO SF⁶ RECLAIM TRAILER

- PPE for handling SF⁶ by-products
- Hepa vacuum for SF⁶ by-product removal
- Housed in custom 24' climate controlled trailer
- Onboard 40kw generator with 100 gallon diesel tank
- LED scene exterior lighting for 24 hour service
- Dual oil-less compressors with booster pump
- Up to 300 lbs/ hour recovery & 500 lbs/ hour filling
- Removal & storage to achieve 99.99% gas recovery
- 75 CFM vacuum/ final vacuum .1 Torr
- Onboard storage for 1,380 lbs of SF⁶
- First aid kit/ fire extinguishers/ eye wash station
- Filters & cleans SF⁶ gas to like new condition during recovery & filling

SF⁶ GAS EQUIPMENT

- Gas analysis
- (3) Dilo performance series SF⁶ reclaim carts
- (3) Dilo mini-plus series SF⁶ reclaim carts
- (4) Dilo SF⁶ multi-analyzers for field SF⁶
- Specialized fittings for all makes/ models of SF⁶ Breakers
- Multiple self sealing hoses in various lengths
- Flir GF306 IR camera for SF⁶ leak detection
- E4 port manifold for servicing 3 poles simultaneously
- Mass flow measuring system to measure SF⁶

SF⁶ SERVICES

- Cylinder consolidation
- Leak detection & repair
- Environmentally correct disposal
- Documented engineering report
- SF⁶ tracking & inventory
- Reclaim gas for equipment servicing
- Equipment nameplate weight verification
- Instant SF⁶ analysis (moisture, purity, & by-products) on equipment & cylinders
- Recondition gas to like new by removing moisture/ SO₂ & oil by-products through specialty filters



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GSA Contract Holder
Contract # 47Q5VAC100322

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