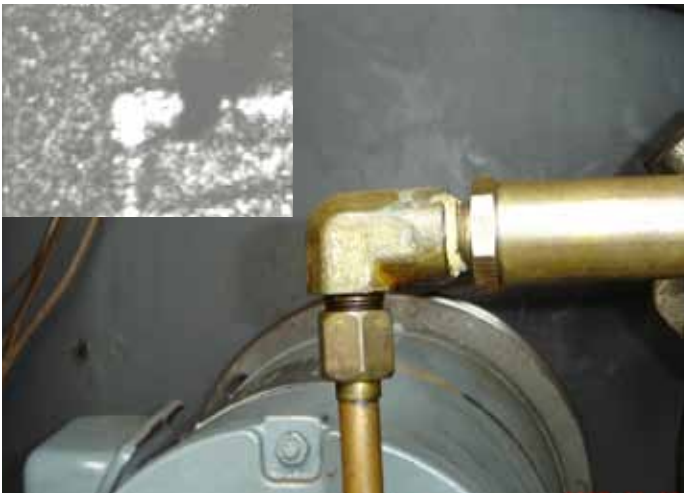


SF6 Gas Reduction (Via) Leak Repair Techniques

COLT Power Services offers alternative solutions for repairs to SF6 gas leaking problems. We understand that every leak has its own signature.



We can repair a wide variety of leaks, including:

- Valves (flanged, welded or threaded)
- Casting flaws
- Valve packing leaks
- Welds enclosures/clamps for valves
- Pipe (all sizes)
- Fittings (welded or threaded)
- Line and blind flanges, elbows and couplings
- Nipples, plugs and Weld-O-Lets

This picture shows an Aluminum Hub Clamp installed over an SF6 gas leak on a 345kV Breaker Bushing. The leak was located where the porcelain bushing goes through the flange. The custom fabricated COLT Power Services clamp has a rubber seal on the ID, which closes on the OD of the bushing. The clamp also has a rubber seal on the inside face. This seal is pulled up against the outside face of the existing bushing flange by using six of the existing flange bolts. This creates seals on each side of the leaking area (where the bushing goes through the flange) that encapsulate the leak. Colt's S-22 sealant is hydraulically injected between the clamp seals for maximum penetration and compaction around the entire leaking area.

All repairs are guaranteed for two years.