

TRANSMISSION &
DISTRIBUTION
SERVICES



LEAK SEAL PROCESS/FACT SHEET

Our goal is to educate and inform our customers about the TDS **low pressure leak seal** method and to gain your trust as a long term and satisfied customer. Our relationships with our customers go back 30+ years and our reputation rests on the **quality of our work, our commitment to a culture of safety and the highest customer service**. These relationships require time. Understanding that this time element does not always exist to build on, we have developed this fact sheet to better educate our customers about the TDS method of leak sealing and ***why TDS is the only leak seal specialist worthy of your trust.***

The Nature of/Sources of Leaks: Leaks we address are typically caused by failure of gaskets at pipe flanges, bushing flanges, drain valves on electric substation apparatus, such as transformers and circuit breakers. Typically, these leaks occur when the originally installed gaskets reach end of life and degrade such that they are ineffective at sealing these flanges. Additionally, these gaskets can fail prematurely due to defective material composition or improper installation workmanship. We have also been called on to perform some “non-traditional” repairs such as leaking transformer radiator fins, bushing leaks, manway covers etc. The most unique repair in our recent history has been to create a waterproof enclosure for direct buried control cables in a substation yard. These cables were “dug into-damaged” during excavation for a new concrete foundation, and were ultimately going to be buried beneath this concrete, requiring a long term solution to keep them waterproof. These repairs often require a custom enclosure which TDS will engineer, manufacture and install in many instances with your equipment online.

The Leak Seal Process: This low pressure technique was developed as an offshoot from the traditional leak seal techniques that are used on high pressure piping systems in chemical processing, refineries, and steam boilers. We call it low pressure in that the oil filled or SF6 gas filled electrical power apparatus we exclusively work on all is at a much lower pressure than process piping. Our repairs replace the OEM gasket material with a cured in place gasket that has the same properties and life expectancy of the OEM gasket.

TRANSMISSION &
DISTRIBUTION
SERVICES



LEAK SEAL SPECIALISTS

LEAK SEAL PROCESS/FACT SHEET cont.

The Benefits of the TDS Method: The TDS leak sealing technique provides a cost effective alternative to the traditional re-gasketing repair process. Our repairs can be performed without dismantling the apparatus to get inside to replace the leaking gasket. Many repairs, if it is not necessary to get close to the energized components on top of the apparatus, can be performed with the apparatus energized and in service. TDS offers a 100% full 4 year warranty, the best in the industry. Our proprietary gasket sealant compound is not harmful to the environment and will not adversely react with transformer oil nor SF6 gas. We don't want to just fix your leak we want to be your leak seal specialist for all your oil and SF6 gas leaks for life. Our technicians are **highly trained in low pressure leak seal, OSHA certified** and we work exclusively in the substation. We are a **WOSB (Woman Owned Small Business), ISNetworld, SAM and Avetta** approved for safety and regulations.

Customer Feedback: We are always open to customer feedback. TDS works in team with our customers to provide the best possible solutions and leak seal services! **We value your comments. Here's what customers have said about their experience with TDS... Check out our testimonial section.**

TDS customers can attest to the value of our services and our desire to be your environmental solutions leak seal specialists of choice! References will gladly be furnished upon request.

Rev 11/2019