



SMIDDY(IMSC)Ltd Services

SMIDDY(IMSC)Ltd established in 2020, with over 35 years of engineering experience in the field of mechanical seals and rotating equipment. We supply and repair some unique Mechanical Seal designs, Rotary Unions, and Engineered Products, based on the best available solutions and technology for your applications. We have an association with our suppliers for many years, allowing us to offer seal technology which is considerably better than most single-source supplies.

- 1. Supply of Niche & Unique Products**, New Seals, particularly where traditional mechanical seal face technology is unable to provide good reliability. From our network of suppliers, we identify and supply more cost-effective solutions, improve seal performance, and prevent the risk of process contamination. Some of our key suppliers: **FLUITEN; DEPAC; TAMAR SEAL; NASH; PFAUDLER INTERSEAL**
- 2. Preventative Maintenance**, on-site equipment inspections. documenting and reporting potential issues which affect mechanical seals and equipment performance.
- 3. Specialised Seal Repair Service**, for Mixers, Reactors, Filter Dryers. Mechanical seals fitted to this type of equipment require the best technical & competent repair service. **NASH** Europe's largest independent seal repair company and **SMIDDY(IMSC)** provide root cause analysis (RCA) detailed inspection reports. Identifying issues, providing solutions, and preventing repetitive seal failures
- 4. Commissioning Qualification Validation (CQV)** for new project installations, or refurbished equipment, including mechanical seals, and seal support systems. Projects associated with annual shutdowns, including mechanical seal health checks for critical assets, in line with plant protocol.
- 5. Mechanical Seal Training**, craft - maintenance departments, (all levels) Presenting best practices in compliance with cGMP. We provide customers with knowledge, to understand basic principles of mechanical seal design, operation, material selection, and seal installation techniques. Seal and seal support system training - fault-finding, equipment training for Pumps, Mixers, Reactors & Filter Dryers.

We work with plant engineers and maintenance departments, providing reliability-focused solutions, improving mechanical seal performance, which provide large cost savings. Current good manufacturing practice (cGMP) is about using the current best available technology. Mechanical seal technology that was good Five years ago, may not be the best available and cost-effective technology for today's applications. Our product range is different to traditional mechanical seals. We provide a unique range of products which offers more choice and better reliability.

For more information contact us at info@smiddy.ie and we can arrange a meeting to discuss our unique products and services in more detail.

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