

Allied Engineers (AE), a 50-year-old Company: *Empowering Pipeline Integrity Solutions at India Energy Week!*

India Energy Week, the premier platform for showcasing advancements in the energy sector, is the ideal stage for AE to present our innovative **Pipeline Integrity Solutions**. AE provides a wide spectrum of specialised asset integrity tools under one umbrella, ranging from complete turnkey threat assessment programs to customized pipeline integrity validation studies. AE has conducted successful pipeline integrity programs for 2,000+ pipelines for various clients spanning thousands of kilometres globally. Over the past 50 years, the Company has excelled in executing consulting assignments besides supplying proven solutions to their global clients in **India, Canada, USA, Saudi Arabia, Kuwait, UAE, Czech Republic and more.**

Our Vision

Our ultimate vision is to introduce and implement the latest pipeline & asset integrity management techniques for safe, efficient and cost-effective long-term operations.

Our Services: *Comprehensive Solutions for Pipeline Integrity*

1. **Turnkey Pipeline Integrity Programs**, including Corrosion Audits
2. **Direct Assessment (DA)** for Piggable and Non-Piggable Pipelines:
 - External Corrosion Direct Assessment (**ECDA**)
 - Internal Corrosion Direct Assessment (**ICDA**) for Dry Gas, Wet Gas, Liquid Petroleum, and Multi-phase pipelines
 - Stress Corrosion Cracking Direct Assessment (**SCCDA**)
3. **eXternal Line Inspection (XLI)** with simultaneous, continuous, and encrypted "All in One" surveys; Cathodic Protection and Coating survey
4. **In-line Inspection (ILI)** including Ultrasonic Inspection, Crack Detection etc.
5. Total Pipeline Integrated Management System (**T-PIMS**) Software
6. **Online Corrosion Monitoring** solution for internal corrosion with ER probes etc and for



external corrosion with CP real-time surveillance of the entire asset

7. Gas Leak Detection and **Advanced NDT** Inspections
8. Permanent **Composite Sleeve Repair** solutions with Clock Spring
9. **Environmental Modelling** based on CEPA guidelines
10. Fitness for Service (**FFS**) Analysis
11. **Training** on various pipeline integrity subjects and certifications courses for AMPP and ASME

Reducing Carbon Emission

In the oil and gas industry, the degradation of carbon steel pipelines not only compromises safety and efficiency but also contributes to carbon emissions through leaks, energy loss, and frequent replacements. Participating in India Energy Week 2025, AE will showcase how **non-intrusive assessments** can **proactively** address future challenges and avoid incidents leading to carbon emissions. This is possible through baseline assessments, identifying active corrosion-prone areas and future most probable locations for corrosion, and managing complex upstream/ refinery/ non-piggable pipeline networks along with real-time monitoring solutions, digitalization, and data modelling for increasing the asset value.

Our Repeated Clients includes:

ONGC, IOCL, BPCL, GAIL, OIL, GSPL, RIL, PIL, NAYARA, HPCL, TRANSCANADA, KOC, SAUDI ARAMCO, ADNOC, Net4Gas, EGA, etc.

Join Us at India Energy Week

We look forward to greet you at booth No. **2N02 (Hall No. 2)** at India Energy Week!



Ashish Khara, P.Eng.

President & CEO

- NACE/AMPP Certified Instructor for:
 - Direct Assessment (DA)
 - Pipeline Corrosion Integrity Manager (PCIM)
 - Internal Corrosion for Pipelines
 - Pipeline Corrosion Assessment Field Techniques (P-CAFT)
- ASME Certified Instructor for B31.8S - System Integrity Management of Gas Pipelines

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