



CURRICULUM VITAE

Greg Morris

Principal Engineer



Education

Field of expertise	University/School	Year
B.S., Metallurgical Engineering	The Ohio State University	Aug 1986 - Jun 1992

Employment

DNV	Oct 2023 to Present
Position:	Principal Engineer – Integrity Solutions and Compliance
Description:	Review/modify operator IMP programs in response to regulatory updates, developed and implemented engineering critical assessments (ECA) for specific anomalies. Evaluated crack ILI data in accordance with API 1163, participated in integrity reviews of various facilities.
DNV	Apr 2019 to Oct 2023
Position:	Principal Engineer – Incident Investigation
Description:	Conducted incident investigations of pipe, pipeline components, and other materials to determine probable immediate/proximate cause(s). Provided emergency field response as needed to identify damaged or affected materials, locate failure origin(s), and select materials for further laboratory analyses.
Kiefner & Associates, Inc.	May 2004 - Apr 2019
Position:	Principal Engineer
Description:	Developed and modified IMPs, baseline assessment plans, threat assessment methods, and integrity assessment method selection for gas and liquid operators in response to PHMSA regulations, performed live and virtual training for liquid and gas operators on pipeline defects, integrity assessment methods (ILI, hydrotesting, DA), pipe material properties, corrosion assessment, and pipeline repairs. Participated in development of 1 st Edition API 1176.
Kiefner & Associates, Inc.	Feb 1997 - May 2004
Position:	Engineer I - Senior Engineer
Description:	Developed customized risk assessment algorithms for liquid and gas pipeline operators, helped migrate/implement risk assessment models in GIS (ISAT, PODS), performed fracture control studies for new and existing pipelines, developed and modified welding and repair manuals liquid and gas operators, provided field response/support for pipeline related in-service and hydrotest failures, defect assessments, and repairs, developed procedures for performing threat assessments, calculating flaw growth rates, remaining lives, and reassessment intervals.
Panhandle Eastern Corp	Jun 1992 - Jan 1997
Position:	Engineer/Div Engineer - Metallurgical Services
Description:	Provided field response for pipeline and facility service failures, conducted laboratory failure analyses of pipe, components, engines/compressor components, and coatings, maintained material product specifications, conducted vendor qualifications/audits, developed/qualified welding procedures for new construction and maintenance welding. Member of PRCI Line Pipe Supervisory Committee, API Subcommittee 5

Memberships

API Subcommittee 5 (maintains API 5L)

ASM International, Failure Analysis Society (FAS)

American Welding Society (AWS)

AWS Certified Welding Inspector (1997-2023) expired

Papers and publications

- Kiefner, J.F., and Morris, W.G., Considerations for Line Pipe Material Reliability, Offshore Technology Conference, Houston, TX, May 1997
 - Vieth, P.H., Morris, W.G., Rosenfeld, M.J., and Kiefner, J.F., DOT Reportable Incident Data Review - Natural Gas Transmission and Gathering Systems - 1985 through 1995, AGA Pipeline Research Committee Contract PR-218-9603, September 19, 1997.
 - Rosenfeld, M.J. and Morris W.G., Paper, Investigation of the Silvertip-Billings Crude Oil Pipeline Failure at the Yellowstone River Crossing, Aug 2012.
 - Morris, W.G., Paper, Examination of an In-Service Leak at MP 29.6 (1563+86) of the Tioga to Black Slough 6-in Pipeline, Dec 2013
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