

Marco Campos, PE, PMP

Profile

Mr. Campos is the Managing Principal of Campos EPC. He has worked in a variety of engineering, operations, project management, and management capacities for oil and gas pipeline/terminal and consulting companies.

He presents with an in depth knowledge of pipeline operations, maintenance and construction, with an emphasis on pipeline integrity management. He has managed pipeline integrity program development and implementation for CFR 192 Subpart O and 195.452 companies of all sizes through the entire “program cycle”. In addition, he has served in a technical or project management capacity for the assessment and remediation of over 15,000 miles of oil and gas pipelines ranging in diameter from 2-in to 40-in using in-line inspection, pressure testing, direct assessment and other technology techniques.

He has hands-on experience with most jurisdictional pipeline and facility regulations, standards and recommended practices including those from DOT, ASME, API and NACE. Other experience includes compliance auditing, compliance documentation and review, cost estimating, feasibility studies, hydraulics, due diligence, cost estimating, project scheduling and energy management.

Education

B.S. Civil Engineering, University of Colorado at Boulder

Project History

Pipeline Integrity Management Program Development and Implementation

Developed and implemented Pipeline Integrity Management Programs for a multitude of oil and gas companies (either in a project management or technical advisor capacity). This work included process and procedure development and alignment with existing company procedures and philosophies. Managed and trained various key personnel on IMP topics, or self performed tasks such as data integration, risk assessment (qualitative and/or quantitative) on pipelines and/or facilities, threat identification and mitigation, compliance documentation. Depending on the company, either utilized an existing or new GIS, risk algorithm and data alignment software systems. Served as technical advisor/expert in a multitude of capacities on topics such as: risk assessment, fitness for service, threat identification and analysis, preventive and mitigative measures, selection of an integrity assessment method(s), leak detection and EFRD analysis, surge evaluation, spill modeling and HCA Analysis and impact, in-line inspection, pressure testing, direct assessment, MOP/MAOP studies etc. Significant projects/roles were/are performed with the following companies:

- Plains All-American
- Kinder Morgan Inc
- Sinclair Pipeline Co
- The Gas Company
- Giant (Western) Refining
- MarkWest Hydrocarbon
- Equilon (Shell) Pipeline
- DCP Midstream
- Tesoro Refining
- Williams Field Services

Operations Engineering/Project Management

Served as the mechanical/civil engineering and/or project management lead on projects ranging in cost from \$100k to \$30MM. Projects have been for both liquids and gas applications, and include:

- New pipelines and re-routes (up to 40-in)
- Directional drills (up to 3 miles, 24-in)
- Terminals and break-out tank facilities The Gas Company
- Coating rehabilitations
- API 653 rehabs (riveted/welded)
- Turn-key in-line inspection, hydrostatic/pneumatic pressure testing and direct assessment projects (performance and remediation)
- EFRD/ASV and other valve installations
- Metering and blending facilities
- Manifolds Tesoro Refining
- Measurement systems
- New tanks (IFR/EFR) and dikes
- Subject matter expert for emergency and technical response to leaks/failures
- Due diligence lead for pipeline and terminal acquisitions ranging from \$10MM to \$300MM

Papers and Affiliations

Written multiple papers for and presented at various conferences for NACE on topics ranging from Pipeline Integrity Management Programs and its various elements, to highly specialized and unique integrity assessment projects. Most recently presented a paper at the NACE national conference in New Orleans, LA 3/08 on the in-line inspection of a 32-in diesel pipeline operated by the US Navy in the Red Hill tunnel complex in Pearl Harbor.

Member of the National Association of Corrosion Engineers, Project Management Institute, and American Society of Mechanical Engineers.

Registrations and Licenses

Licensed as a professional engineer in Colorado and Hawaii.

Registered Project Management Professional (PMP) with the Project Management Institute.