

## Asset Management Services

### Pipeline Rehabilitation & Integrity Management Engineering

**Aptech Engineering Services, Inc. (APTECH)** offers the **P**ipeline **R**ehabilitation & **I**ntegrity **M**anagement **E**ngineering (**PRIME**) support package; the cornerstone of the APTECH pipeline integrity assessment and rehabilitation service.

**APTECHPrime<sup>SM</sup>** delivers a cost effective engineering and field services solution to the high cost of pipeline integrity assessment and rehabilitation programs.

#### Integrity Management Engineering

- Pipeline Integrity assessment/ Pipeline Integrity Management Plan Development
- Direct Assessment Method Applications
- Engineering Critical Assessment Evaluations
- In-line Inspection Program Engineering Support:
  - Project Management
  - Contract Development, Procedure Management
  - Data Quality Controls, Engineering Criteria Development
  - Field Activity Support, Data Acceptance Criteria, Data Auditing
  - Field Data Management
- Pipeline Integrity Long-Term Management Programs
- Risk Based Life Cycle Management
- Detailed Pipeline Integrity & Rehabilitation Course Training/ Knowledge Transfer Programs (**APTECHDiscover<sup>SM</sup>**)
- Process Safety Management
- Project Document Management And Controls (**APTECHInform<sup>SM</sup>**)
- Software and database selection and implementation
- Failure Analysis/ Metallurgical Services/ Engineered Solutions/ Pipeline Operating Integrity Due Diligence Assessment
- Pipeline Safety Code Compliance and Design

## Pipeline Rehabilitation

- Single Point Project Management:
  - Project Planning/ Establishment of Repair List/ Engineering Criteria/ Permitting & Environmental Assessment/ Procedures/ Quality Control
  - Site Survey And Location/ GPS Confirmation
  - Pipeline Preparation/ External Cleaning/ Coating Removal
  - Non Destructive Examination (NDE)/ Repair Determination
  - Pipeline Excavation/ Repair/ Recoat/ Back Fill/ Cleanup
  - Final Regulatory And Engineering Assessment Reporting

### APTECHPrime<sup>SM</sup> Support:

- A One Stop systematic, engineering focused approach to pipeline integrity assessment, integrity management plan development and pipeline rehabilitation providing for:
  - Proven contract procedures and quality control approaches for In-Line Inspection, Direct Assessment and Engineering Critical Assessment programs
  - Integration of key support subcontractor services, utilizing single point management along with project wide safe work practices and technical procedures to increase project efficiencies, reduce project costs and reduce risk to personnel.

**For More Information, Contact APTECH's Houston or Alberta Office**

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