



GPA Midstream Technical Committee Charter:

Midstream Industry Facility Mechanical Integrity

Purpose/Scope

The Facility Mechanical Integrity Committee is responsible for providing technical guidance to member companies for matters regarding midstream asset Mechanical Integrity. Its focus will be on non-pipeline assets such as processing facilities, compressor stations, treating/dehydration facilities and the individual items of equipment comprising such stations. Guidance will include recommendations and best practices to assist member companies with integrity related elements of OSHA's Process Safety Management Standard, EPA's Risk Management Program and other regulations which might require compliance actions by member companies.

Benefit to the Association

Robust mechanical integrity programs reduce operating costs, prolong equipment life, and assure compliance with regulations. These programs also improve safety performance by reducing the likelihood of incidents and catastrophic failures.

Areas of Responsibility

- The Facility Asset Mechanical Integrity Committee published in 2018 a Facility Integrity Inspection Guidance ("FIIG") document with recommendations for the establishment and maintenance of facility mechanical integrity programs. In 2024 this guidance document was modified to provide a high-level document of PSM/RMP Facility program elements for a typical PSM/RMP program and will drive the program documents and workgroups as the committee moves forward. The committee will update and expand this document as necessary to provide additional information or clarification. Additionally, as work groups complete detailed process documents for the outline elements of the FIIG each year the FIIG will undergo an update to identify any documents completed with appropriate references to the newly established element documents.

- The committee will provide guidance to member companies on various integrity best practices, monitoring and inspection programs, compliance with PSM (Process Safety Management (Occupational Health)) / RMP (Risk Management Plan (Environment and Community)).
- The committee, through discussion with its members, will gather data and evaluate common equipment failures (e.g., recent failures of Brazeed Aluminum Heat Exchangers) and prepare appropriate recommendations to address such failures. The committee will consult with GPSA member companies and equipment manufacturers in preparing their recommendations. The committee will be the focal point for preparing Association responses to regulatory body inquiries.
- The committee will conduct a forum at GPA Midstream annual convention and Technical Conference for personnel involved in Asset Integrity, Mechanical Integrity, Process Safety Management, and maintenance of midstream facility assets to share and improve practices and procedures.
- The committee will provide technical support to and interact with other GPA Midstream technical sections, the GPA Midstream Safety Committee and outside organizations including but not limited to American Petroleum Institute (API), National Board of Pressure Vessels (NBIC), Chemical Safety Board (CSB), Environmental Protection Agency (EPA), National Fire Protection Association (NFPA) and Occupational Safety and Health Administration (OSHA)
- The Committee will work cooperatively with the Editorial Review Board on topics that might be incorporated in the GPSA Engineering Data Book.