

# IN-SERVICE INSPECTION SERVICES

Moody International specialises in providing in-service inspections and mechanical integrity support services to a variety of clients. Facilities include refineries, chemical processing plants, refrigeration plants, boilers, storage tanks, pipelines and auxiliary piping systems.



## In-Service Inspection Services

Utilising highly trained and certified inspectors and examiners, Moody offers a comprehensive “one-stop” service to clients that are seeking specialised, in-depth knowledge of in-service inspection. Services include:

- API pressure equipment inspections;
- Jurisdictional boiler and pressure vessel inspections (in USA);
- Statutory inspections on pressure equipment to local requirements outside USA;
- Failure investigations, root cause analysis and corrective actions;
- Technical support with regards to interpretation of compliance requirements;
- Training related to in-service inspection requirements in various countries;
- Inspection services for turnarounds / shutdowns;
- On-stream inspections;
- Due-diligence inspections;
- RBI assessments;
- FFS assessments.

## Mechanical Integrity Programme (MIP) Services

Moody International also provides associated mechanical integrity consulting and inspection support including:

- MIP training, written programmes and procedures, implementation assistance, and fitness for service and risk evaluations;
- Assurance of compliance to company specifications, codes and OSHA / EPA requirements;
- Turn-key assistance in writing and implementing workable mechanical integrity inspection programmes with procedures to meet all OSHA / EPA requirements;
- Providing knowledgeable, capable and certified inspectors / consultants with years of experience working in petroleum, chemical, and natural gas plants applying API codes;
- Ensuring inspection documentation is timely, properly prepared, and promptly distributed after completion of inspection activities.



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## Mechanical Integrity Audit / Evaluation Services

- Assessment and evaluation of MIP's for "due-diligence" pre-mergers or acquisitions, and assistance in programme transitions for post-merger and acquisition situations;
- Assess compliance to OSHA / EPA requirements or country-specific integrity requirements and referenced codes/standards;
- Provide recommendations on improving overall performance and cost-effectiveness of inspection / reliability / maintenance departments

## Approved Inspection Authority

In-Service Inspections, Repairs and Modifications  
Moody International is an Approved Inspection Body for boilers, pressure vessels and piping systems in various countries around the world for new manufacture, repairs, modifications and other in-service activities where AIA involvement is mandated by local legislation.

## Miscellaneous Services / Products

- API RP 579 fitness-for-service evaluations
- Corrosion monitoring inspection
- Above ground storage tank evaluations
- RBI consulting services programme



Continuing the efforts to expand the company's In-Service Inspection Services, Moody International acquired PetroSpect Inspection Services ([www.petrospect.com](http://www.petrospect.com)), and Pro-Inspect, Inc ([www.pro-inspect.com](http://www.pro-inspect.com)). Both companies are in-service technical inspection and engineering support services providers to the USA Refining and Chemical Processing industry. PetroSpect and Pro-Inspect supply services using certified professionals specialising in Maintenance, Turnaround, Construction and Vendor Inspection, and Mechanical Integrity Project Implementation.