



INTEGRITY MANAGEMENT REVIEW

GENERAL

Experience has shown that insufficient integration of site discipline activities has led to integrity threats and loss of containment. This has resulted in unreliable plant operations, unplanned shutdowns, and low availability of equipment / plants and HSE incidents. Purpose of an Integrity Management Review (IMR) is to assess the effectiveness of Asset Management, to identify opportunities for improvement and to propose mitigating actions to prevent loss of primary containment (LOPC) and related health-safety- environmental (HSE) incidents. Managing Asset Integrity is a shared responsibility between Operations, Inspection, Maintenance, Process Technology, and Engineering. Each discipline has its specific accountabilities.

THE EPS APPROACH

The EPS approach consists of five steps. In the first step an EPS subject matter expert will visit the site to introduce and discuss with the management the review program. The agenda will cover the structure of the review and which disciplines/functions have to participate. During this introduction visit, a list of key asset information and other relevant documentation required for the review will be discussed. In the second step, based on the information acquired, the review team will prepare and propose an agenda for site interview(s). The third step is the on-site visit of the review team doing the interviews. To avoid surprises in report out, the team lead will give regular updates to the Management of the observations made during the review period.



REPORT OUT

The team will prepare a presentation of the observations to close-out the site visit. Part of the presentation will be an initial risk / priority ranking, based on a Risk Matrix, of the observations.

The fourth step is the preparation of a draft report. The report will contain all the, risk ranked, observations and suggested mitigating actions for company to comment on. Within one month of company's response and comments, the final report will be issued.

FOLLOW-UP & IMPLEMENTATION SUPPORT

The fifth step, at company's request, but recommended by EPS, consists of follow-up and progress meetings to discuss observations and to assist in defining a pragmatic mitigation action and implementation plan. Experienced EPS consultants are available to support company with implementation and "helpdesk" support.

BENEFITS

Unfortunately the Petro-Chemical Industry suffers from Asset Integrity incidents which impact HSE, plant reliability and availability. An Integrity Management Review will provide the site with a better insight and tools to achieve continuous improvement. The methodology has been successfully applied by many refineries and petrochemical plants.

EPS → Effective, Profitable, Sustainable

EPS INTEGRITY MANAGEMENT TRAINING AND SUPPORT

To help close gaps found in the IMR, various help tools can be provided in the form of review, training or implementation support:

- Competence Mapping for Technical Assurance; Technical Authorities,
- Risk based Inspection Training,
- Materials & Corrosion Engineering Training,
- Vendor Management, Vendor Appraisal, Good Inward Inspection,
- Inspection Technology and Tools,
- Remnant life assessment.

Please ask EPS for tailored solutions to suit your needs.

WHY SELECT EPS?

The above support will be provided by consultants with 30+ years, world class experience in plant engineering and operations. EPS experts are available for support on process and utility technology, engineering disciplines, operations, integrity management, maintenance and inspection.



CONTACT

EPS Customer Solutions B.V.

Please contact:

Diederik Visser

Office: +31 (0) 71 82 00 121

Mobile: +31 (0) 61 24 51 707

Email: diederik.visser@epsconsultancy.com



Customer Solutions

www.epsconsultancy.com

EPS → Effective, Profitable, Sustainable