

Job Title:

**Pressure Systems  
Review**

Company:

**API Manufacturer**

Location:

**Munster**

Duration:

**2 Months**

Objectives:

- **Independent Audit**
- **Standards Compliance**
- **Recommendation Report**

Our client, a major Multinational pharmaceutical facility located in Munster required an audit of their existing pressure systems on site. This was part of a corporate led global pressure systems survey to ensure compliance with OSHA Recognized and Generally Accepted Good Engineering Practice, or "RAGAGEP." At corporate level, the survey itself was a key component of an ongoing plan to assess and improve safety and general operations across all company manufacturing locations.

**Prochem** were contracted to complete the survey using guidelines from the corporate head office. These defined what systems were considered to be "in scope" and "out of scope" with respect to the survey. The inputs provided by the client were an equipment register for the facility and the latest "as built" P&ID's for each of the systems.

Having identified the relevant safety and relief devices on the site, **Prochem** carried out walk downs on a selection of systems in order to verify the detail of the P&ID's. The walk downs also helped to identify the standards used in the design of the equipment such that conformance to the requirements of the Pressure Equipment Directive could be determined. Each system was also assessed as to whether or not a risk analysis such as a HAZOP or a Job Safety Analysis had been carried out and this contributed towards the scoring of the survey.

**Prochem** staff liaised with the Maintenance Department on site to obtain the list of associated maintenance tasks. The maintenance records for these tasks were examined and areas for improvement were noted. A scoring system was developed and used to define whether or not the facility was "in compliance" and "in-control" based on the results of the assessment.

In total, almost 1,000 pieces of equipment were investigated and assessed, with the outputs collated into a report for the client. The report also highlighted potential areas of improvement in other sectors of the client's facility, and proposed a series of maintenance policy changes for implementation by the site.

**Prochem's** client utilised the report as the basis for a subsequent remediation programme to achieve compliance with the Corporate guidelines.

**Get In Touch**

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