General Factsheet

Six stage hazard study licence

Companies operating hazardous processes are coming under increasing pressure from the regulator to demonstrate that their arrangements for Process Hazards Analysis and HAZOP procedures are suitable and being carried out by competent leaders and team members.

ABB has the exclusive licence for the highly respected ‘6-stage’ hazard study methodology developed by its former parent company ICI. The detailed method is contained in ABB’s process SHE guide 13 titled ‘hazard study methodology’ which is regularly reviewed and updated to reflect current good practice. The manual includes detailed guidance for hazard study leaders, guide diagrams and checklists for the studies and forms for recording the results.

The ‘6-stage’ hazard study procedure covers all stages of a project from HazID studies during process development, HAZOP during the latter stages of process design, pre start-up safety reviews during commissioning, to reviews of process safety performance during the early stages of operation. This methodology forms the basis of ABB’s IChemE approved training courses; 5-day for hazard study leaders, and 1-day awareness training for team members.

Obtain a licence for access to ABB’s comprehensive guide to the ‘6-stage’ hazard study methodology with the associated guide diagrams, checklists and recording forms.

What we offer
For a one-off fee ABB provides a 5-year licence for process SHE guide 13 ‘hazard study methodology’ to all people requiring access on a specific client site. A current version of the full manual is initially provided to the main site contact.

Further access to the latest update of process SHEG 13 throughout the 5-year period is then available to all listed people on the site using ABB’s ‘Connect-IT’ secure document viewer system, allowing pages from the guide to be printed off as required.

Contents of guide
- Introduction to 6-stage methodology
- Glossary of terms
- Team member roles
- Preparation for study meetings
- Timing of meetings
- Recording hazard studies
- Detailed method for each study
- Hazard study checklists
- Guide diagrams (including HAZOP guidewords)
- Recording forms
A trial version of the viewer can be tested using these steps:

1. On internet go to ‘www.abbconnectIT.com’
2. Input user name and password (provided on request) and click ‘Login’
3. Click on secure document viewer icon at bottom of page (TV screen)
4. View sample of process SHE guide 13 document and print off pages as required

ABB offers an extensive range of services for hazard studies including:

- Development of bespoke guidance and tools for hazard studies
- Hazard study awareness training for team members
- Training, mentoring and validation of hazard study leaders

Other SHE Guides

Process SHE Guides are available from ABB on a range of topics such as the design of pressure relief systems. These guides are kept up-to-date with developments in the field of process safety and provide practical advice and methodologies for complying with relevant good practice. A list of guides currently available from ABB and prices for licences can be provided on request.