

EXPERT PROFILE



JASWINDER SINGH TECHNICAL EXPERT

Qualifications:

BSc (Hons) Chemical Engineering

Memberships and Associations:

AICHe
ASCE
CEng
FEANI
FIChemE
MAPM

Contract Experience:

IChemE
NEC3
Bespoke

Sectors:

Energy
Oil & Gas
Process and Industrial

Geographic experience:

Americas
Europe

Highlights:

- Chartered Chemical Engineer
- Over 35 years' industry experience
- Extensive experience in process plant design, construction and commissioning
- Experienced in leading multi-disciplinary project delivery teams
- Planning complex process plant projects, risk identification, mitigation, change management

Summary:

Jaswinder is a Chartered Chemical Engineer with over 35 years' experience in the process plant design and construction industry. His considerable expertise extends across several sectors.

Jaswinder has several years' experience in working with expert witnesses and legal teams on large international multidisciplinary cases and he has been formally instructed to provide a CPR Part 35 compliant expert report. His experience includes completing root cause analysis and defect investigation and identification. He is experienced in several dispute arenas including arbitration, adjudication and formal litigation where he has provided detailed technical input and reports either as the instructed expert or as an expert assistant.

Jaswinder has led multi-disciplinary teams and has extensive experience in plant engineering, pre-commissioning, commissioning, control and safety systems and of managing multiple diverse and interrelated plant projects including all safety aspects, and specifications to meet client and regulatory safety requirements.

In his engineering and project management roles Jaswinder has led teams undertaking process equipment factory and site acceptance testing as well as troubleshooting problems on operating plant. He has undertaken many projects handling hazardous substances in pressurised systems (vessels, heat exchangers, reactors, etc.) where there has been the requirement for complex control and commissioning requirements for high integrity safety protective systems to safeguard operators and plant operations.

Jaswinder is experienced in all aspects of process safety including HAZOPs (hazard and operability study), LOPA (layer of protection analysis), fault tree analysis, electrical hazardous area classification, safety integrity levels and risk analysis (including the roles played by mechanical interlocks and safety instrumented systems).

This expert has the following cross-examination experience:

- Successfully completed external cross examination courses

This expert has recently been instructed by:

- Allen & Overy
- Fenwick Elliott LLP