



The  
University  
Of  
Sheffield.

Chemical &  
Process  
Engineering.

## MSc Process Safety & Loss Prevention — Graduate Case Study

David Holland



### Why did you enrol on the course?

I had worked as an electronic engineer, but became more interested in risk assessment and failure analysis. I viewed the course as a good progression for my future career. The course is held in high esteem.

### What did you think of the Process Safety & Loss Prevention (PSLP) course?

I thought the course was well organised and I got a lot out of it.

### What are you doing now?

I am working as a Senior Technical Safety Engineer for Sørco in Norway. Sørco are sub-contractors to Statoil who provide the engineering expertise for the Kårstø processing complex north of Stavanger. It is Europe's biggest export port for natural gas liquids (NGL) and the third largest in the world. It provides about 30 Billion m<sup>3</sup> of gas per year and supplies a substantial portion of Europe's gas.

I am part of a large team working on an expansion project which involves a phased shut-down of the plant in 2010 to enable upgrading of the instrumentation and electrical systems. My role includes conducting risk assessments, preparing and evaluating Cause and Effect Diagrams, assessing Safety Integrity Levels (SIL) by means of SIL reviews using Layer of Protection Analysis. I am responsible for writing and updating safety requirement specifications for the safety instrumented systems at the plant.

### How has the Process Safety and Loss Prevention course helped you?

The course definitely helped me get my current role. The course gave me a good background in the subject and allowed me to change my career.

### Would you recommend the course at Sheffield to anyone thinking about a career in Process Safety?

Yes, it is a well regarded course. Other companies were very interested in employing graduates from the PSLP course so career prospects for graduates of this course are very good.

Find out more about the course at:  
[www.sheffield.ac.uk/pslp](http://www.sheffield.ac.uk/pslp)