

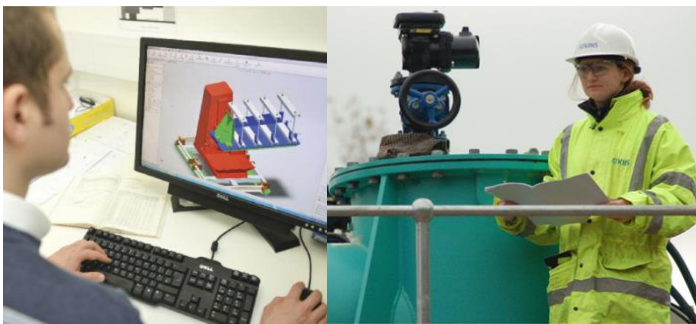
Atkins Global and MSc Safety & Reliability Engineering University of Aberdeen

Reviewing Safety Culture Models and establishing if links could be developed between those Models.

Atkins Global were interested in gaining access to a pool of students with MSc Safety qualifications, contributing to the wider professional development in this field, and improving student employability.

Elizabeth Jacob was 'placed' within the organisation for the project duration, which investigated the following:

- Reviewing how safety culture plays a key role in determining the level of risk that personnel are willing to take in order to complete the task at hand, despite time constraints.
- Reviewing organisational models that help investigate how proposed changes could impact the behaviour of individuals, groups and structures within an organisation.
- Considering the development of one existing tool to support the analysis of different organisations.



THE STUDENT'S EXPERIENCE

Elizabeth Jacob
MSc Safety & Reliability Engineering,
University of Aberdeen

I wanted an industry related project to apply the technical knowledge I had gained from my degree. I gained valuable interpersonal skills, effective communications skills and I also learned that the working environment needs individuals to be constantly inquisitive.

I had the opportunity to converse with professionals from top management to current graduate engineers within Atkins. This not only helped the research needed for my dissertation, it also encouraged me to think further about my career path and the various options



THE EMPLOYER'S EXPERIENCE

Andy German, Chief Safety Engineer, Atkins

Elizabeth fitted into the company well and I enjoyed the supervision process. She was extremely capable and demonstrated excellent knowledge and understanding of the project requirements, and excellent overall performance.

The output was extremely useful for us and having a Masters student to undertake this work was a clear benefit to our organisation. We are already looking ahead to developing a greater collaboration with the University of Aberdeen and will again be looking at suggesting masters level work based projects.

Elizabeth now works for us as a Graduate Safety Engineer.

At the end of the project, I was pleased to have received a job offer as a Graduate Safety Engineer within Atkins. I would personally encourage any Masters student to complete their dissertation with industry as it can develop skills and attributes you don't even know exist!

Elizabeth Jacob, Graduate Safety Engineer, Atkins.