



GRADUATE SPECIFICATION SUMMARY 2010

POSITION TITLE

Engineering graduate

POSITION SUMMARY

To develop skills and competence through the completion of projects and assignments and develop an understanding of both the waste and technology processing function.

To undertake process analysis aimed at optimizing facility operations - a key measure will be the reduction of cost and improvement of operational efficiency.

KEY RESPONSIBILITIES SUMMARY

- To undertake specific technical / engineering projects.
- Conduct routine material and energy balances for early detection and rectification of process issues.
- Provide technical input for economic evaluation of process improvements and minor projects.
- Use and develop methods of statistical process control for optimisation.
- Provide technical input into HAZOP evaluation for new project and major plant refurbishment.
- Develop general and detailed specifications for process equipment for plant improvement modifications.
- Qualify the selection of process equipment for new project or major refurbishment.
- To undertake professional and personal development by improving own knowledge of the waste management industry. To undertake relevant internal and external training and hold or be working towards the appropriate waste specific qualification.
- To maintain accurate and up-to-date records, submit reports and assessment materials.
- Effective and efficient use of SITA UK's internal data systems, communication systems and purchase management systems.
- To ensure that the SITA UK upholds its professional image, at all times, with all internal and external customers / stakeholders.
- To ensure you not only adhere to all SITA UK's health and safety standards, but that you promote a culture of good practice and identify where improvements may be required.
- Attendance at all internal and external training courses.
- Presentations as required to the technical mentor, scheme manager and board of directors.
- To fully appreciate the importance of financial control and take steps wherever possible to reduce / control costs and anticipate financial risks to the contract and wider business.

QUALIFICATIONS AND EXPERIENCE

Required

- A relevant degree in a process engineering / science discipline

Desirable

- Three A levels at grade A – C (or equivalent)
- Microsoft Office experience (Word, Excel)

The contents of this specification reflect the main duties and responsibilities of the role and are not intended to form part of the contract of employment. SITA UK may revise the content of this specification at its discretion.