



Example of Senior Technician Job Description

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Our company is looking for a senior technician. To join our growing team, please review the list of responsibilities and qualifications.

Responsibilities for senior technician

- Following established guidelines, train technical staff and students in technical procedures and in the use of equipment in relation to characterisation of Alzheimer's disease susceptibility genes through tissue culture and molecular biology techniques
- Set up experimental systems and research apparatus, assisting students and staff in the use and construction of equipment and apparatus, and with tests and experiments, within the overall research programme and under the direction of the post-doctoral researcher, to include stem cell culture and automated preparation of DNA samples for genotyping/sequencing using liquid handling robots
- Operate, maintain, service, adjust, test and repair complex equipment and apparatus, in particular, in relation to stem cell culture and DNA/RNA extraction from human blood/saliva samples, associated quality control measures
- Participate in the development, modification and construction of special equipment and apparatus for stem cell culture and use of human tissue in genetic research
- Maintain accurate records and perform detailed analysis on stem cell cultures and DNA/RNA extraction/quality control data, such as quantification, including responsibility for maintaining catalogues of human tissues including blood
- Support the team in the implementation of new procedures and systems
- To work collaboratively with other staff within the research team
- Follow established and specially adapted procedures

- Regularly monitor train defects and failures in traffic and liaise with the customer

Qualifications for senior technician

- Normally requires a high school diploma and 4-6 years related industry experience or an
- Learn all manufacturing operations and maintenance
- Demonstrated ability to read, write, interpret/comprehend/follow workplace and technical documentation-equipment manuals, blueprints, diagrams, electrical schematics, operator manuals, work instructions, SOPs
- Good PC Skills, including use of e-mail, attaching documents to e-mail required
- Knowledge of lean manufacturing principles (5S, Kanban, continuous improvement, performance indicators)
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