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About

Lee provides technical support to the Future Power Research Centre. This includes the use, maintenance and repair of sophisticated test equipment, and the supervision of staff and students who are carrying out research experiments.

Lee's responsibilities include maintenance, repair and calibration of test equipment and rigs in the Future Power Research Centre. Operation and maintenance of hardness testers, tensile testing machines.

He also works Formula Student Racing Team and is responsible for testing of the racing car, supervising students on off-site testing days and ensuring all risk assessments and insurance documentation are in place. Instructing students on the safe use of hand tools and the full range of machine tools. Assess the practicality of the technical drawings produced by students to ensure materials and equipment expenditure stay within budget.

As a safety coordinator Lee is responsible for maintaining a safe working environment, including knowledge of COSHH, HAZDAT and risk assessments and including carrying out electrical safety testing where needed. Keeping the electrical testing database up-to-date, ensuring risk assessments are kept up-to-date and writing COSHH report forms. Lee also sits on the Department's Health & Safety Committee.

Lee has an Higher National Certificate in Mechanical Engineering and is a trained portable appliance tester, fork truck driver, lifting and slinging qualified banks man, grinding wheel certificated, high pressure regulator and gas bottle certificated, pressure gauge calibration trained, diversity trained, trained in evacuation chairs (fire warden) and tig welding trained.

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