

Transense Technology plc Scope of Operations for ISO 9001:2015

Transense Technologies plc maintains Quality System Approvals for a Quality Management System reflecting the requirements of ISO 9001:2015, that encompasses the Design, Development, Manufacture and Sales of Electronic Sensor Systems utilising quartz Surface Acoustic Wave (SAW) technologies and Tyre audit systems for the Aviation, Automotive, Motorsport and general Industrial applications.

This ISO 9001 registration only applies to activities at 1 Landscape Close, Weston-on-the-Green, Bicester. There are no other Transense Technologies plc facilities and no other third party accreditation applies to the business. There are no outsourced activities.

ISO 9001 Scope:

Design, Development, Manufacture and Sales of Electronic Sensor Systems utilising quartz Surface Acoustic Wave (SAW) technologies and Tyre audit systems.

Services: SAW – Electro-mechanical instrumentation of components enabling the customer to dynamically measure mechanical characteristics such as torque, thrust, temperature and pressure.

Translogik – Provision of tyre audit systems which include the capability of the measurement of tread depth, tyre pressure (directly and via TPMS sensor) and reading of RFID tags for asset tracking purposes. All parameters are recorded by electronic data transfer.

Design SAW – Mechanical evaluation of the customer component using Finite Element Analysis. Mechanical design optimization enabling the customers component to be instrumented. Application specific optimization of the radio frequency interrogation electronics and software.

Translogik – The tyre audit systems have been designed for flexibility enabling the ability to remove functions that have not been requested, providing the customer with a cost-effective solutions.

Products SAW strain sensing elements capable of converting mechanical and thermal characteristics into a digital data format.

Tyre audit systems and demonstration software.