

## Manufacturing Engineer/Technologist

XSENSOR Technology Corporation is a world leader in pressure imaging technology, providing products that are used to improve comfort and safety of mattresses, automobile seats, wheelchairs, and hospital beds. XSENSOR systems are used in more than 50 countries. For more information, please visit [XSENSOR.com](http://XSENSOR.com)

We have an opportunity for a Manufacturing Engineering Specialist to join our team. In this role you will work closely with our manufacturing and design teams to improve current manufacturing processes and equipment, while developing new methods to manufacture our industry leading sensor products.



### DUTIES AND RESPONSIBILITIES:

- Manage the maintenance and performance of all manufacturing equipment to minimize downtime
- Provide technical support for all manufacturing processes and equipment; including laminators, sealers, calibration chambers, computers and software applications
- Improve manufacturing processes to reduce labor cost and maintain quality, safety, and ergonomics
- Troubleshooting production problems and identifying root causes
- Provide support to a production, quality and order management to meet production objectives
- Develop and maintain manufacturing processes and procedures
- Increasing production yield through process improvement and development of new procedures
- Develop optimal manufacturing techniques and process flows for capacitive pressure sensors
- Conduct DFM reviews and facilitate feedback to design
- Assess and implement new assembly jigs, test fixtures and technology/equipment
- Coordinate / facilitate new product introduction activities to production
- Evaluate new and existing suppliers to understand and improve incoming quality
- Develop and implement product packaging and labelling

## **QUALIFICATIONS:**

- Post-Secondary Degree or Diploma in Mechanical Engineering or Mechanical Engineering Technology, Electro/Mechanical Technology, or Industrial Engineering
- 2+ years' experience in a manufacturing environment, preferably in a manual to semi-automated production setting
- Proficiency in SolidWorks, AutoCAD or equivalent
- Proficiency in Microsoft Word, Excel, PowerPoint
- Experience developing manufacturing processes and documentation
- Knowledge of 5S, Lean Manufacturing (Kanban's), Six Sigma, continuous improvement and production methods
- Demonstrated strong analytical and decision-making skills
- Proven track record for cost saving project completion
- Excellent teamwork required in a cross functional setting
- Communication skills at all levels of organization and with internal customers
- Experience or demonstrated aptitude in light assembly
- Experience working with electro-mechanical products
- Experience with PLC programming and pneumatics would be an asset