



# IceMOS

Cooler than Cool

IceMOS Technology is a global supplier of high quality Advanced Engineering Silicon substrates to the Semiconductor industry. We have over 20 years experience in the design, development and manufacturing of our products, providing very high quality substrates for applications in Integrated Circuits, Opto-Electronics, Discrete Semiconductor Devices, the Swiss Luxury Watch industry and MEMS Sensors for Automotive, Wearable Technology, Medical and Industrial applications.

IceMOS is dedicated to producing high performance semiconductors; we design for Quality and Manufacturability – ensuring that we meet our customer's expectation, every time.

IceMOS Technology is a private USA company based in Tempe Arizona, with operations in Northern Ireland, Japan, Singapore and China.

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|------------------------------------|---|
| <b>Job Title:</b>                  | Process Development Engineer  |
| <b>Reporting to:</b>               | Operations Manager  |
| <b>Basic Job Function:</b>         | To assist IceMOS Technology to meet both its current and future targets of wafer output, yield, efficiency, cost control and cycle time through the maintenance and development of area processes used in its production flow. Thereafter, to assist in problem solution and process development in all other production areas. |
| <b>Requirements:</b>               | Min 2:1 in Electronics or Science   |
| <b>Overall Responsibility for:</b> | To ensure the engineering standards of the production meet customer requirements of quality, delivery and performance.  |

**Job Responsibilities & Duties:**

1. Process development of all processes in line with the company's goals and have an operational awareness of all operations within IceMOS Technology.
2. Ensure all aspects of the quality system for ISO and TS are met and enforced in relation to all engineering activity.
3. Ensuring any new processes developed are transferred correctly to manufacturing, including all associated training and required documentation.
4. Reporting on all aspects of processes as required by Management.
5. Training and verification of operators and technicians in all aspects of processes.
6. Maintenance of all processes including equipment qualifications.
7. Ensuring that the Planned Preventative Maintenance Programme for all equipment is adhered to and upgraded when required to encompass newly introduced equipment and maintenance operations.
8. Maintenance of SPC systems related to processes.
9. Ensure that all personnel comply with Health & Safety regulations and the Company Housekeeping Plan and that high standards of engineering practices are adhered to at all times.
10. Providing an example of best operating practice to all other staff working in the Department.
11. Ensure Fab housekeeping standards are maintained in all areas of operation in accordance with published standards.
12. Accurate maintenance of all records (paper and computer based) required for smooth operation of the department.
13. All other reasonable tasks required for the successful operation of all processes.