Basic Injection Moulding (BIM-1)

Wednesday evenings 4:30-7:30pm
Course Timetable:
February 12,19,26, March 5,19,26, April 2,9,16,23,30, May 7, 2014.

Course Fee $350
BASIC INJECTION MOULDING

Course Duration: 12 Classes of three hours each, plus workplace assignments.
Wednesday Evenings 4:30 - 7:30pm
Finishing: May 7, 2014.

Group Size: Limited to six (6) students to ensure full participation and safe working.

What you will be able to do at the completion of this course:

Operate Injection Moulding Equipment
- Start a machine for production following procedures
- Stop a machine following procedures
- Adjust machine controls to produce injection moulded products to specification

Prepare materials to formula using production sheets
- Source correct polymer material
- Understand and use all information contained in material data sheets.
- Mix raw materials to correct percentages from information contained in productionsheets
- Clean and operate granulator to written procedures
- Recognise polymer materials that require drying before production. Locate the information relating to temperature and time and set dryer controls.

Recognise requirements for productions and assemble and connect ancillary equipment
- Locate and connect mould heating
- Locate and connect chiller
- Operate parts conveyor and any other equipment that may be required for production

Locate and complete all forms relating to production and quality control
- Correctly locate and use all production sheets
- Quality control sheets
- Part defect record sheets

Complete all quality control checks as per Q.C. check sheet
- Part weight
- Rectify basic product faults
- Colour
- Any other checks as required to ensure product meets specification

Course Co-Ordinator: Keith Charman

Certificates: National Competency Units included within this course form part of the Certificate IV in Polymer Technology, and can be credited towards Trade Recognition for this occupation.

Course fee: $350 National Training Units included with this course are subsidised by the Queensland Government.

Venue: PARTEC Institute, 1030 Cavendish Road, Mt. Gravatt

Registrations: Online registrations can be completed by visiting:
www.partec.qld.edu.au
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Injection Moulding Courses

Enquiries can be made via our ‘Contact Us’ web page or by calling (07) 3849 7878.