Basic Injection Moulding (BIM-1A)

Wednesday evenings 4:30-7:30pm
Course Timetable:
August 20,27, September 3,10,17,24, October 1,8,15, 2014.

Course Fee $350
BASIC INJECTION MOULDING

Course Duration: 9 Classes of three hours each, plus workplace assignments.
Wednesday Evenings 4:30 - 7:30pm
Commencing: August 20, 2014.

Group Size: Limited to ten (10) 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 production sheets
• 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 production 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.

17/07/2014