



Rochdale Institute

Certificate III in Polymer Processing

PMB30107

Description

Certificate III in Polymer Processing is designed for polymer operators who use production equipment directly to produce products.

Suitable for

This course is ideal for operators; manufacturing plastics, involved in injection, blow and rotational moulding, extrusion and fabrication.

Qualification & Skills

On completion of Certificate III in Process Manufacturing, participants will gain a deeper understanding of polymers and its processes.

Course Duration

Completion times may vary from 12 – 36 months.

Delivery

Customised learning material to suit organisation needs
Workplace based onsite training

Costs

Government funding available, eligibility criteria applies

Further study options

Participants may decide to continue study in this field, leading to Certificate IV in Polymer Processing

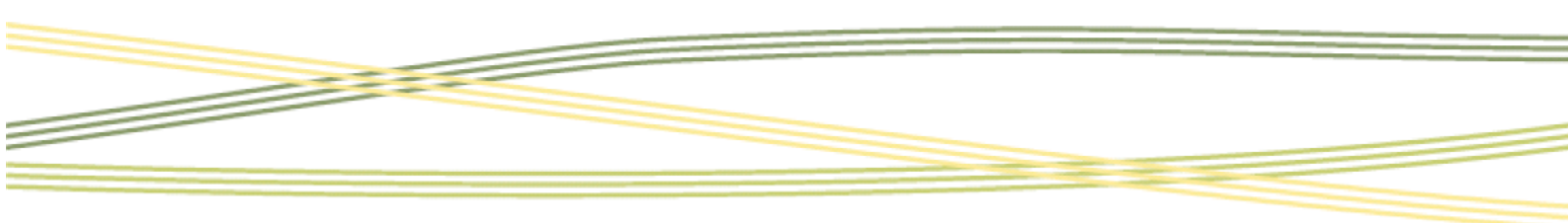
Assessment

Assessment may include class activities, assignments, and group work. Assessment in theory and practical components of the course will ensure required level of competency achievement.

All enquires to the Customer Service Centre on:

Email: info@rochdaleinstitute.com.au

Telephone: 1300 889 846



Units of Study

Twenty-one (21) Competencies must be achieved consisting of:

Group 1 – Mandatory Units

MCMT251A	Apply quality standards
MSAPMOHS200A	Work Safely
MSAPMSUP200A	Achieve work outcomes
MSAPMSUP201A	Process and record information

Group 2 – Technical Units (a minimum of 4 units)

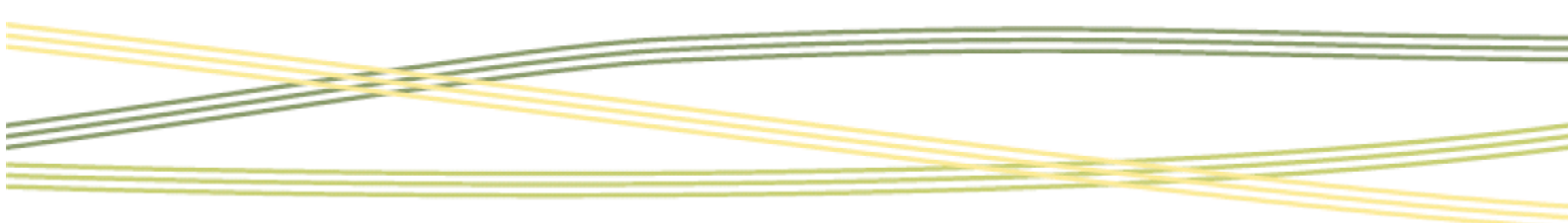
PMBPREP301C	Set up and prepare for production
PMBPREP303C	Set up equipment for continuous operation
PMBPREP305B	Change extrusion die and setup
PMBPROD300B	Produce products
PMBPROD308B	Take a machine out of production
PMBPROD312C	Produce continuous thermoforming products
PMBPROD315C	Produce polyurethane foam
PMBPROD316C	Produce blown film
PMBPROD323C	Produce powder coated products
PMBPROD328C	Produce sheet feed vacuum forming products
PMBPROD333B	Convert plastic film
PMBPROD343C	Shut down plant area
PMBPROD347B	Produce composites using hand lamination
PMBPROD357C	Construct jigs and fixtures
PMBPROD358C	Develop patterns
PMBTECH301B	Use material and process knowledge to solve problems

Group 3A – 1 unit

MSAPMSUP303A	Identify equipment faults
MSAPMSUP383A	Facilitate a team
PMBWASTE302C	Coordinate waste disposal
PMLTEST300B	Perform basic tests

Group 3B – Balance of units

MSAPMOPS100A	Use equipment
MSAPMOPS101A	Make measurements
MSAPMOPS102A	Perform tasks to support production
MSAPMOPS200A	Operate equipment
MSAPMOPS212A	Use enterprise computers or data systems
MSAPMSUP100A	Apply workplace procedures
MSAPMSUP106A	Work in a team
MSAPMSUP172A	Identify and minimise environmental hazards
MSAPMSUP201A	Receive or despatch goods
MSAPMSUP205A	Transfer loads*
MSAPMUSP230A	Monitor process operations
MSAPMSUP291A	Participate in continuous improvement
PMBFIN201C	Finish products and components
PMBFIN203C	Repair products imperfections
PMBHAN208C	Store products
PMBPREP205C	Assemble materials and equipment for production
PMBPREP206C	Prepare materials to formulae
PMBPROD206B	Operate ancillary equipment
PMBPROD210B	Operate injection moulding equipment
PMBPROD211B	Operate blow moulding equipment



PMBPROD217B	Operate printing equipment
PMBPROD229B	Operate polystyrene shape moulding equipment
PMBPROD235C	Use materials and process knowledge to complete work operations
PMBPROD245C	Fabricate materials
PMBPROD246C	Hand mix materials
PMBPROD259C	Operate granulating equipment
PMBPROD283B	Demould product
PMBWASTE101C	Collect waste for recycling or safe disposal
PMBPROD282B	Assemble mould

