



Careers in manufacturing: plastics, rubber and cabling

Plastics fabrication or welding

This information sheet covers the following plastics fabrication and welding occupations within the plastics, rubber and cabling sector:

- Acrylic fabricator
- Vinyl welder and fabricator.

Acrylic fabricator

Acrylic fabricators operate machines to measure, cut, shape, fit and assemble plastics materials to produce plastic products.

Acrylic fabricators may be responsible for:

- gluing, heat bending, forming and assembly of acrylic products for customer requirements
- building of tooling for various jobs
- maintaining equipment and shop housekeeping
- setting up of production equipment
- operating machinery to complete daily production goals
- performing quality inspections of products.

Relevant qualifications:

- Certificate II in Polymer Processing
- Certificate III in Polymer Processing

Vinyl welder and fabricator

Vinyl welders and fabricators operate machines to manufacture plastics products, including cutting, fabricating and welding plastic materials.

Vinyl welders and fabricators may be responsible for:

- operating controls to regulate temperature, pressure, speed and flow of operation
- measuring and loading materials, items and ingredients for mixing into machines and feeding mechanisms
- monitoring operation, regulating material supply, and adding chemicals and colorants to mixture
- threading uncoated wire and cable through plastic coating machines, around take-up reels and through dies and cooling chambers
- laying casings, beads, ply and rubber sheets on moulds
- operating rollers to remove air
- operating vulcaniser presses and controlling curing
- examining output for defects and conformity to specifications
- performing minor repairs and maintaining production records.

Relevant qualifications:

- Certificate II in Polymer Processing
- Certificate III in Polymer Processing

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