

What does a Plastics Fabricator do?

A Precision Plastics Fabricators make Plastics products, parts and components to close tolerances for the telecommunication, medical, aircraft/transportation and high tech industries.

Job Related Skills, Interests and Values

- interpreting and verifying engineering drawings in order to produce layouts and programs needed to manufacture the product;
- performing plastic fabrication calculations using calculators, computerized calculation programs, math formulae and heat shrinkage charts;
- transferring engineering specifications to the work piece material or to machine controls (CNC); writing, editing and verifying the layout program by referring to CAD drawings and machine program manual;
- planning, preparing and organizing the plastic fabrication process by identifying operations required, equipment needed, and optimum scheduling times to meet customer and engineering requirements;
- using various measuring tools such as verniers, calipers, rules, tapes, calculators, micrometers, protractors, squares, dividers, depth and height gauges;
- inspecting and verifying the quality of the part or product; testing welds, finishing edges and surfaces and recording quality assurance data;
- perform plastic removal operations using the correct hand and bench tools for optimum cutting; performing punch and bending operations;
- working cooperatively with supervisors and co-workers;
- continuously learning about new advances in plasticworking technology and techniques in order to meet customer demand.