



Terms used in coursework:

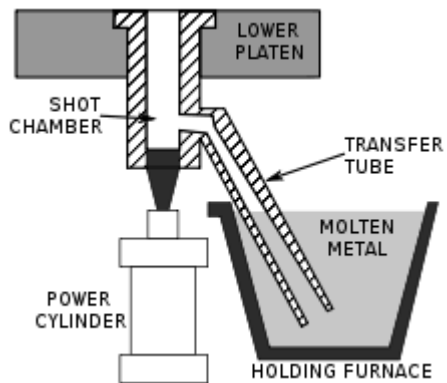
Engineering organisation: Engineering organisations are large institutes which look after smaller engineering companies.

Process photos: Process photos are photos of a student which show them completing a process in the workshop, students need to be able to use the process competently and safely, students know how to use the process independently and with skill.

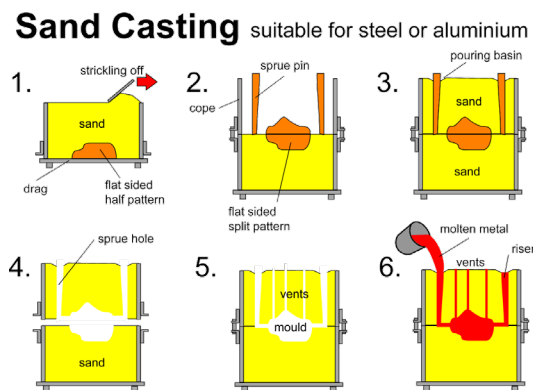
Production log: Each process completed in the workshop needs to be documented in a production log, you need to be able to talk about what processes you have used, the tools used, how you quality assured your work and how you worked safely in the workshop.

Tool maintenance: Tool maintenance means you need to be able to describe how to keep the tool or machinery you are using fit for purpose. It needs to be safe to use.

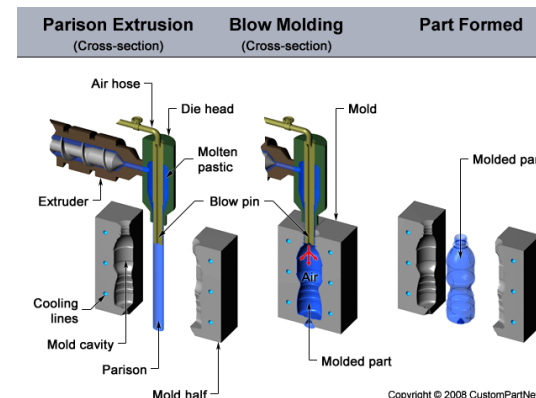
Different processes used in engineering:



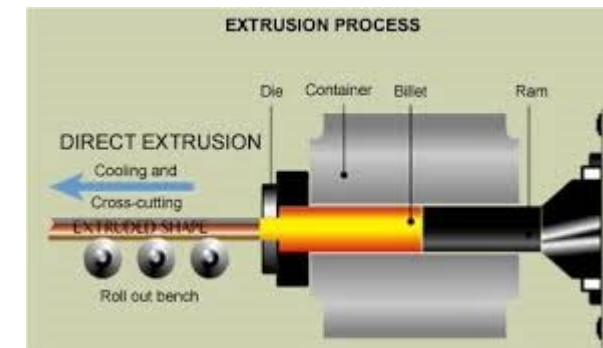
Die casting



Sand casting



Blow molding



Metal extrusion

Society:

The aggregate of people living together in a more or less ordered community.

Factors in engineering that can affect society:

- The environmental impact
- The pollution from the manufacturing process
- The product needing to be distributed around the world
- Skilled workers

Systems of measurement

Metric → The metric system is the modern approach to weights and measures.
UNIVERSAL

Imperial → Formerly used for all measures in the UK, and still used for some

Unit of measurement

Metric Metric = meters
Cm, mm, km, m

Imperial Ounce, pound,
stone, inch, foot,
yard, mile, acre,
pint, gallon