



## Manufacturing New Technologies

To drive UK manufacturing by developing capabilities, upscaling and process optimisation

## Design for Manufacture

Ensuring that products are designed to meet manufacturing requirements

### Benefits to Customers

- Improved build quality
- Reduced manufacturing costs (tool, labour, quality)
- Reduced complexity
- Reduced warranty costs
- Improved service support





## Typical Solutions and Applications

Provide a full service for companies to develop Design for Manufacture (DfM) capability

DfM training for product development and manufacturing teams

Full product and manufacturing assessment

Reducing product and manufacturing complexity

Support the development of new product lines



## Technical Description

Use of Process Failure Mode and Effects Analysis (PFMEA) to develop robust plans for identifying, eliminating and reducing impact of failure modes

Provide manufacturing feasibility assessments to include:

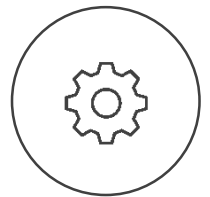
Tool clearance

Ergonomic assessment

Poka yoke

Design and validate build sequence

Optimise operational time



## Technical Contacts

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