



BLEN Enterprises Limited **Training Division**

27 Cherry Tree Road, Beaconsfield, Buckinghamshire, HP9 1BN

Product Design Specifications: Preparation and Usages (1 day)

Overview

The aim of this course is to introduce the procedure for developing a formal Product Design Specification for components and systems. It is now generally appreciated that the design phase for a component or system involves expenditure of typically ~5% of the total costs, but the decisions taken at this stage commit 80-90% of the total costs. Changes to the design and/or manufacture that are required once the manufacturing process has commenced can be very costly. The aim of a formal Product Design Specification is to ensure that the performance requirements are understood, that appropriate manufacturing processes are used and that the market requirements are an integral part of the design process.

Designed For

This course is suitable for senior managers and design and manufacturing engineers concerned with developing new functional products, either components or systems, who are not already familiar with preparing formal Product Design specifications.

Objectives

By the end of this course participants will be able to –

- Understand the requirements and advantages of a Product Design Specification
- Appreciate the process for developing a formal Product Design Specification for new functional products

Outline Content

- Preparing a Design Brief
- Purpose and Usage of Formal Product Design Specification
- Description of a formal 28 point Product Design Specification
- Considerations for writing a formal Product Design Specification
- Exercise in (partially) preparing a Product Design Specification

© 2005 BLEN Enterprises Limited