

THE INDUSTRIAL SEWING MACHINISTS TRAINING MANUAL & WORKBOOK

A training manual designed for trainee industrial sewing machinists



Manufacturers of sewn products, need sewing machinists to perform quickly and effectively in the shortest possible time.

This manual & workbook has been developed by industry for industry. Providing a structured programme that will take a beginner, to break even point, to high performer speedily, whilst achieving quality standards.

This programme has also proven to improve retention, motivation, enthusiasm and employability skills.

This learning can also be delivered in conjunction with the National Apprenticeship. Providing trainees with the skills and evidence required to achieve the standards within the Apprenticeship frameworks.

Who is it for?	Trainee industrial sewing machinists working within the sewing industry, regardless of the product being made or machine used.
What are the objectives?	To equip learners with the skills, knowledge, confidence and attitude required to be an effective industrial sewing machinist and productive member of staff in the shortest possible time.
What is the course content?	<p>The course provides a step by step, systematic program of learning which prepares the trainee for the demands of production sewing. The content combines delivery of a range of practical exercises designed to ingrain machine control, performance and quality standards with the underpinning knowledge required to become a motivated, productive and valued member of staff.</p> <p>Please see the course modules overleaf. Each section includes learning materials, step by step guides, up-to-date images and videos demonstrating best practice, links to sector specific information, practical industrial sewing and theory exercises.</p>
How is the course delivered?	<p>The Industrial sewing machinist workbook and manual is designed to be delivered as an in-company training programme and must be delivered by a competent trainer/ industry expert. The work book is provided electronically and can be printed and distributed to each learner.</p> <p>All practical training must take place on industrial sewing machines, in an industrial environment and works best when delivered amidst the pressures and daily challenges of production.</p> <p>Underpinning knowledge and theory aspects of the course should be delivered in a quiet environment/training room in tandem with the practical work.</p>

What kind of results can be expected?

The programme is tried and tested across the sewn product industry. Trainers have reported increased retention rates, rapid achievement of performance and quality standards, enthusiasm and increased morale from trainee sewing machinists. Results vary depending on the trainee's learning capacity, the product being made and the resources available. See real delivery examples below:



1.The product - Duvet cover

- **Trainee** Raw recruit
- **Resources** Trainer, lockstitch and overlock
- Operations** Overlock side and bottom seams. Fold and sew double hem (lockstitch)
- **Initial training** 6 days (theory and exercises)

- **On production** 2.5 days before hitting 95% performance

2.The product - High end jackets/collar (Make and attach/various fabrics and top quality techniques)

- **Trainee** low performer/potential leaver
- **Resources** Trainer, lockstitch machine
- **Operations** Make collar, top stitch collar, attach collar
- **Initial training** 14 days (theory and exercises)
- **On production** 6 days before hitting 97% performance



Please note: The achievement of performance and quality standards is underpinned by the theory within the programme, which includes understanding reasons behind production processes, costs, standards, health and safety and behaviour at work.

Course Modules

1. WELCOME TO THE SEWING & TEXTILES INDUSTRY

- 1.1 How the Sewing Industry Works
- 1.2 The Sewing Machinist Workbook

2. INDUSTRIAL SEWING MACHINES: OVERVIEW

- 2.1 The Lockstitch Machine
- 2.2 Threading the Machine
- 2.3 Machine Maintenance
- 2.4 Machine Adjustment
- 2.5 Overlocker
- 2.6 Threading the Machine
- 2.7 Machine Maintenance
- 2.8 Machine Adjustments

3. INDUSTRIAL SEWING: OVERVIEW

- 3.1 Preparation
- 3.2 Organise your workstation
- 3.3 Needles
- 3.4 Thread
- 3.5 Operate Industrial Machines
- 3.6 Industrial Sewing Exercises
- 3.7 Work Aids & Attachments
- 3.8 Seam & Stitch Types
- 3.9 Materials & Fabric

4. QUALITY & QUANTITY STANDARDS: OVERVIEW

- 4.1 Meeting **Quality** Standards
- 4.2 Production Specifications
- 4.3 Faults & Tolerances
- 4.4 Meeting **Quantity** Standards
- 4.5 Performance
- 4.6 Work Documentation

5. EMPLOYABILITY

- 5.1 Employment rights & responsibilities
- 5.2 Health & Safety rules, regulations and practise

6. TEST YOUR KNOW-HOW

7. TERMS USED IN THE SEWING INDUSTRY

What does it cost?

An Electronic and hard copy of the Sewing Machinist Manual & Work book - £1350
We also offer a two-day course on how to deliver the training effectively at £350 per day plus travel expenses.

The Textiles Skills Consultancy will endeavour to source public funding to support delivery.

For more information, contact:
Celia Thornley 07827 440871
Email Celia.thornley@yahoo.com
Website: <http://celiathornley.com/>