



## Qualification Pack

# Technical Supervisor - Footwear Design & Manufacturing

QP Code: MSME/LSS/Q1301

Version: 1.0

NSQF Level: 5.0

MSME TECHNOLOGY CENTRE ||  
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## Qualification Pack

### Contents

MSME/LSS/Q1301: Technical Supervisor - Footwear Design & Manufacturing .....	3
<i>Brief Job Description</i> .....	3
Applicable National Occupational Standards (NOS) .....	3
<i>Compulsory NOS</i> .....	3
<i>Qualification Pack (QP) Parameters</i> .....	4
MSME/LSS/N1309: Shoe Faults and Customer Complaints .....	5
MSME/LSS/N1308: Lasting III .....	8
MSME/LSS/N1307: Closing Technology III .....	11
MSME/LSS/N1306: Clicking Technology III .....	14
MSME/LSS/N1305: Materials and Testing II .....	17
MSME/LSS/N1304: Materials and Testing II .....	20
MSME/LSS/N1303: CAD & Pattern Engineering .....	23
MSME/LSS/N1302: Pattern Cutting and Pattern Development .....	26
MSME/LSS/N1301: Product Sketching and Design .....	29
MSME/LSS/N1318: Final Project .....	32
MSME/LSS/N1312: Foot Comfort .....	35
MSME/LSS/N1310: Advanced Technology .....	38
MSME/LSS/N1317: Employability Skills and Entrepreneurs hip .....	41
MSME/LSS/N1316: Marketing MSME/ DFMD 31 .....	44
MSME/LSS/N1315: Retailing & Merchandising .....	47
MSME/LSS/N1314: Financial Controls .....	50
MSME/LSS/N1313: Industrial Engineering .....	53
MSME/LSS/N1311: International Business and Language .....	56
Assessment Guidelines and Weightage .....	58
<i>Assessment Guidelines</i> .....	58
<i>Assessment Weightage</i> .....	58
Acronyms .....	61
Glossary .....	62



## Qualification Pack

# MSME/LSS/Q1301: Technical Supervisor - Footwear Design & Manufacturing

### Brief Job Description

Learner can get a job in Production, Productivity, Quality, Designing

### Personal Attributes

Learner can get a job in Production, Productivity, Quality, Designing

### Applicable National Occupational Standards (NOS)

#### Compulsory NOS:

1. [MSME/LSS/N1309: Shoe Faults and Customer Complaints](#)
2. [MSME/LSS/N1308: Lasting III](#)
3. [MSME/LSS/N1307: Closing Technology III](#)
4. [MSME/LSS/N1306: Clicking Technology III](#)
5. [MSME/LSS/N1305: Materials and Testing II](#)
6. [MSME/LSS/N1304: Materials and Testing II](#)
7. [MSME/LSS/N1303: CAD & Pattern Engineering](#)
8. [MSME/LSS/N1302: Pattern Cutting and Pattern Development](#)
9. [MSME/LSS/N1301: Product Sketching and Design](#)
10. [MSME/LSS/N1318: Final Project](#)
11. [MSME/LSS/N1312: Foot Comfort](#)
12. [MSME/LSS/N1310: Advanced Technology](#)
13. [MSME/LSS/N1317: Employability Skills and Entrepreneurs hip](#)
14. [MSME/LSS/N1316: Marketing MSME/ DFMD 31](#)
15. [MSME/LSS/N1315: Retailing & Merchandising](#)
16. [MSME/LSS/N1314: Financial Controls](#)
17. [MSME/LSS/N1313: Industrial Engineering](#)



## Qualification Pack

### 18. [MSME/LSS/N1311: International Business and Language](#)

#### Qualification Pack (QP) Parameters

<b>Sector</b>	Leather
<b>Sub-Sector</b>	Finished Leather
<b>Occupation</b>	Footwear Designing & Manufacturing 02
<b>Country</b>	India
<b>NSQF Level</b>	5.0
<b>Credits</b>	40
<b>Aligned to NCO/ISCO/ISIC Code</b>	7536.01 / Shoemaker
<b>Minimum Educational Qualification &amp; Experience</b>	12th grade Pass (One year LTT Certificate at NSQF level 4.5-)
<b>Minimum Level of Education for Training in School</b>	
<b>Pre-Requisite License or Training</b>	NA
<b>Minimum Job Entry Age</b>	17 Years
<b>Last Reviewed On</b>	NA
<b>Next Review Date</b>	30/04/2027
<b>NSQF Approval Date</b>	30/04/2024
<b>Version</b>	1.0
<b>Reference code on NQR</b>	NCVET-QG-05-LT-02379-2024-V1-MSME
<b>NQR Version</b>	1.0



## Qualification Pack

### MSME/LSS/N1309: Shoe Faults and Customer Complaints

#### Description

After completion of course Student should be able to Explain about the product liability

#### Scope

The scope covers the following :

- After completion of course Student should be able to Explain about the product liability

#### Elements and Performance Criteria

##### *Shoe Faults and Customer Complaints MSME/ DFMD 24*

To be competent, the user/individual on the job must be able to:

- PC1.** Understanding the customer attitudes and international requirements
- PC2.** Describe the characteristics of shoe styles and constructions
- PC3.** Explain Upper & lining materials and utility
- PC4.** Interpret about Component reliability
- PC5.** Understanding about the soling materials suitability, properties and find defects
- PC6.** Follow defect evaluation reports and analysis of data and take the corrective action.



## Qualification Pack

### Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Shoe Faults and Customer Complaints MSME/DFMD 24</i>	<b>100</b>	-	-	-
<b>PC1.</b> Understanding the customer attitudes and international requirements	-	-	-	-
<b>PC2.</b> Describe the characteristics of shoe styles and constructions	-	-	-	-
<b>PC3.</b> Explain Upper & lining materials and utility	-	-	-	-
<b>PC4.</b> Interpret about Component reliability	-	-	-	-
<b>PC5.</b> Understanding about the soling materials suitability, properties and find defects	-	-	-	-
<b>PC6.</b> Follow defect evaluation reports and analysis of data and take the corrective action.	-	-	-	-
<b>NOS Total</b>	<b>100</b>	-	-	-



## Qualification Pack

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	MSME/LSS/N1309
<b>NOS Name</b>	Shoe Faults and Customer Complaints
<b>Sector</b>	Leather
<b>Sub-Sector</b>	
<b>Occupation</b>	Footwear Designing & Manufacturing 02
<b>NSQF Level</b>	5
<b>Credits</b>	1
<b>Version</b>	1.0
<b>Last Reviewed Date</b>	30/04/2024
<b>Next Review Date</b>	30/04/2027
<b>NSQC Clearance Date</b>	30/04/2024



## Qualification Pack

### MSME/LSS/N1308: Lasting III

#### Description

After completion of course Student should be able to Explain about the materials and equipment used in pre-lasting, lasting, post-lasting & finishing section.

#### Scope

The scope covers the following :

- lasting, post-lasting & finishing section.

#### Elements and Performance Criteria

##### *Lasting and Making Technology III MSME/ DFMD 23*

To be competent, the user/individual on the job must be able to:

- PC1.**
- Lasting and making of various styles namely Boys Shoe Velcro, Ladies Court Shoe with Heel, Casual Shoe Side Gusset,
  - Children Girls, Mens Apron Derby, Mens Ankle Boot, Kids II Strap Velcro and Sports Shoe



## Qualification Pack

### Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Lasting and Making Technology III MSME/DFMD 23</i>	-	<b>100</b>	-	-
<b>PC1.</b> <ul style="list-style-type: none"><li>• Lasting and making of various styles namely Boys Shoe Velcro, Ladies Court Shoe with Heel, Casual Shoe Side Gusset,</li><li>• Children Girls, Mens Apron Derby, Mens Ankle Boot, Kids II Strap Velcro and Sports Shoe</li></ul>	-	-	-	-
<b>NOS Total</b>	-	<b>100</b>	-	-



## Qualification Pack

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	MSME/LSS/N1308
<b>NOS Name</b>	Lasting III
<b>Sector</b>	Leather
<b>Sub-Sector</b>	
<b>Occupation</b>	Footwear Designing & Manufacturing 02
<b>NSQF Level</b>	5
<b>Credits</b>	4
<b>Version</b>	1.0
<b>Last Reviewed Date</b>	30/04/2024
<b>Next Review Date</b>	30/04/2027
<b>NSQF Clearance Date</b>	30/04/2024



## Qualification Pack

### MSME/LSS/N1307: Closing Technology III

#### Description

After completion of course Student should be able to Explain about the materials and equipment used in preclosing & closing section

#### Scope

The scope covers the following :

- After completion of course Student should be able to Explain about the materials and equipment used in pre-closing & closing section

#### Elements and Performance Criteria

##### *Closing Technology III MSME/ DFMD 22*

To be competent, the user/individual on the job must be able to:

- PC1.**
- Able to do upper closing for various styles namely Boys Shoe Velcro, Ladies Court Shoe with Heel, Casual Shoe Side
  - Gusset, Children Girls, Mens Apron Derby, Mens Ankle Boot, Kids II Strap Velcro and Sports Shoe.



## Qualification Pack

### Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Closing Technology III MSME/ DFMD 22</i>	-	100	-	-
<b>PC1.</b> <ul style="list-style-type: none"><li>• Able to do upper closing for various styles namely Boys Shoe Velcro, Ladies Court Shoe with Heel, Casual Shoe Side</li><li>• Gusset, Children Girls, Mens Apron Derby, Mens Ankle Boot, Kids II Strap Velcro and Sports Shoe.</li></ul>	-	-	-	-
<b>NOS Total</b>	-	100	-	-



## Qualification Pack

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	MSME/LSS/N1307
<b>NOS Name</b>	Closing Technology III
<b>Sector</b>	Leather
<b>Sub-Sector</b>	
<b>Occupation</b>	Footwear Designing & Manufacturing 02
<b>NSQF Level</b>	5
<b>Credits</b>	4
<b>Version</b>	1.0
<b>Last Reviewed Date</b>	30/04/2024
<b>Next Review Date</b>	30/04/2027
<b>NSQF Clearance Date</b>	30/04/2024



## Qualification Pack

### MSME/LSS/N1306: Clicking Technology III

#### Description

After completion of course Student should be able to Explain about the coated fabrics and fabrics

#### Scope

The scope covers the following :

- After completion of course Student should be able to Explain about the coated fabrics and fabrics

#### Elements and Performance Criteria

##### *Clicking Technology III MSME/ DFMD 21*

To be competent, the user/individual on the job must be able to:

- PC1.**
- Clicking of upper and lining components for various styles namely Boys Shoe Velcro, Ladies Court Shoe with Heel,
  - Casual Shoe Side Gusset, Children Girls, Mens Apron Derby, Mens Ankle Boot, Kids II Strap Velcro and Sports Shoe.



## Qualification Pack

### Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Clicking Technology III MSME/ DFMD 21</i>	-	100	-	-
<b>PC1.</b> <ul style="list-style-type: none"><li>Clicking of upper and lining components for various styles namely Boys Shoe Velcro, Ladies Court Shoe with Heel,</li><li>Casual Shoe Side Gusset, Children Girls, Mens Apron Derby, Mens Ankle Boot, Kids II Strap Velcro and Sports Shoe.</li></ul>	-	-	-	-
<b>NOS Total</b>	-	100	-	-



## Qualification Pack

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	MSME/LSS/N1306
<b>NOS Name</b>	Clicking Technology III
<b>Sector</b>	Leather
<b>Sub-Sector</b>	
<b>Occupation</b>	Footwear Designing & Manufacturing 02
<b>NSQF Level</b>	5
<b>Credits</b>	2
<b>Version</b>	1.0
<b>Last Reviewed Date</b>	30/04/2024
<b>Next Review Date</b>	30/04/2027
<b>NSQF Clearance Date</b>	30/04/2024



## Qualification Pack

### MSME/LSS/N1305: Materials and Testing II

#### Description

After completion of course Student should be able to Explain about the various types of insole boards

#### Scope

The scope covers the following :

- After completion of course Student should be able to Explain about the various types of insole boards

#### Elements and Performance Criteria

##### *Materials and Testing II MSME/ DFMD 20*

To be competent, the user/individual on the job must be able to:

- PC1.** • Understanding the composite boards manufacturing and properties, adhesion mechanism and development of footwear
  - adhesives
- PC2.** Describe about other shoe making components manufacturing process, characteristics and properties
- PC3.** Testing of various materials includes upper material, soling materials, adhesives and chemicals.
- PC4.** Evaluation of footwear materials and components
- PC5.** Process control in laboratory and on the production floor



## Qualification Pack

### Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Materials and Testing II MSME/ DFMD 20</i>	-	<b>100</b>	-	-
<b>PC1.</b> • Understanding the composite boards manufacturing and properties, adhesion mechanism and development of footwear • adhesives	-	-	-	-
<b>PC2.</b> Describe about other shoe making components manufacturing process, characteristics and properties	-	-	-	-
<b>PC3.</b> Testing of various materials includes upper material, soling materials, adhesives and chemicals.	-	-	-	-
<b>PC4.</b> Evaluation of footwear materials and components	-	-	-	-
<b>PC5.</b> Process control in laboratory and on the production floor	-	-	-	-
<b>NOS Total</b>	-	<b>100</b>	-	-



## Qualification Pack

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	MSME/LSS/N1305
<b>NOS Name</b>	Materials and Testing II
<b>Sector</b>	Leather
<b>Sub-Sector</b>	
<b>Occupation</b>	Footwear Designing & Manufacturing 02
<b>NSQF Level</b>	5
<b>Credits</b>	1
<b>Version</b>	1.0
<b>Last Reviewed Date</b>	30/04/2024
<b>Next Review Date</b>	30/04/2027
<b>NSQF Clearance Date</b>	30/04/2024



## Qualification Pack

### MSME/LSS/N1304: Materials and Testing II

#### Description

After completion of course Student should be able to Explain about the various types of insole boards

#### Scope

The scope covers the following :

- After completion of course Student should be able to Explain about the various types of insole boards

#### Elements and Performance Criteria

##### *Materials and Testing II MSME/ DFMD 20*

To be competent, the user/individual on the job must be able to:

- PC1.** • Understanding the composite boards manufacturing and properties, adhesion mechanism and development of footwear
  - adhesives
- PC2.** Describe about other shoe making components manufacturing process, characteristics and properties
- PC3.** Testing of various materials includes upper material, soling materials, adhesives and chemicals.
- PC4.** Evaluation of footwear materials and components
- PC5.** Process control in laboratory and on the production floor



## Qualification Pack

### Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Materials and Testing II MSME/ DFMD 20</i>	<b>100</b>	-	-	-
<b>PC1.</b> • Understanding the composite boards manufacturing and properties, adhesion mechanism and development of footwear • adhesives	-	-	-	-
<b>PC2.</b> Describe about other shoe making components manufacturing process, characteristics and properties	-	-	-	-
<b>PC3.</b> Testing of various materials includes upper material, soling materials, adhesives and chemicals.	-	-	-	-
<b>PC4.</b> Evaluation of footwear materials and components	-	-	-	-
<b>PC5.</b> Process control in laboratory and on the production floor	-	-	-	-
<b>NOS Total</b>	<b>100</b>	-	-	-



## Qualification Pack

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	MSME/LSS/N1304
<b>NOS Name</b>	Materials and Testing II
<b>Sector</b>	Leather
<b>Sub-Sector</b>	
<b>Occupation</b>	Footwear Designing & Manufacturing 02
<b>NSQF Level</b>	5
<b>Credits</b>	1
<b>Version</b>	1.0
<b>Last Reviewed Date</b>	30/04/2024
<b>Next Review Date</b>	30/04/2027
<b>NSQF Clearance Date</b>	30/04/2024



## Qualification Pack

# MSME/LSS/N1303: CAD & Pattern Engineering

## Description

After completion of course Student should be able to Production of pattern standards from lasts

## Scope

The scope covers the following :

- After completion of course Student should be able to Production of pattern standards from lasts

## Elements and Performance Criteria

### *CAD & Pattern Engineering MSME/ DFMD 19*

To be competent, the user/individual on the job must be able to:

- PC1.** Production of standard patterns and bottom patterns
- PC2.** CAD applications and mould making, tooling and engineering
- PC3.** CAD understanding and application includes 2D to 3D, scanning, styling, design sketches
- PC4.** Carry out pattern engineering
- PC5.** Understanding of solids modeling on human foot



## Qualification Pack

### Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>CAD &amp; Pattern Engineering MSME/ DFMD 19</i>	-	<b>100</b>	-	-
<b>PC1.</b> Production of standard patterns and bottom patterns	-	-	-	-
<b>PC2.</b> CAD applications and mould making, tooling and engineering	-	-	-	-
<b>PC3.</b> CAD understanding and application includes 2D to 3D, scanning, styling, design sketches	-	-	-	-
<b>PC4.</b> Carry out pattern engineering	-	-	-	-
<b>PC5.</b> Understanding of solids modeling on human foot	-	-	-	-
<b>NOS Total</b>	-	<b>100</b>	-	-



## Qualification Pack

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	MSME/LSS/N1303
<b>NOS Name</b>	CAD & Pattern Engineering
<b>Sector</b>	Leather
<b>Sub-Sector</b>	
<b>Occupation</b>	Footwear Designing & Manufacturing 02
<b>NSQF Level</b>	5
<b>Credits</b>	3
<b>Version</b>	1.0
<b>Last Reviewed Date</b>	30/04/2024
<b>Next Review Date</b>	30/04/2027
<b>NSQF Clearance Date</b>	30/04/2024



## Qualification Pack

# MSME/LSS/N1302: Pattern Cutting and Pattern Development

## Description

After completion of course Student should be able to Explain about the production of mean forme

## Scope

The scope covers the following :

- After completion of course Student should be able to Explain about the production of mean forme

## Elements and Performance Criteria

### *Pattern Cutting & Product Development MSME/ DFMD 18*

To be competent, the user/individual on the job must be able to:

- PC1.** Perform pattern making and prepare a detailed specifications
- PC2.** Produce patterns for a range of shoe styles
- PC3.** Understanding of the various lasting methods and constructions



## Qualification Pack

### Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Pattern Cutting &amp; Product Development MSME/ DFMD 18</i>	-	<b>100</b>	-	-
<b>PC1.</b> Perform pattern making and prepare a detailed specifications	-	-	-	-
<b>PC2.</b> Produce patterns for a range of shoe styles	-	-	-	-
<b>PC3.</b> Understanding of the various lasting methods and constructions	-	-	-	-
<b>NOS Total</b>	-	<b>100</b>	-	-



## Qualification Pack

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	MSME/LSS/N1302
<b>NOS Name</b>	Pattern Cutting and Pattern Development
<b>Sector</b>	Leather
<b>Sub-Sector</b>	
<b>Occupation</b>	Footwear Designing & Manufacturing 02
<b>NSQF Level</b>	5
<b>Credits</b>	3
<b>Version</b>	1.0
<b>Last Reviewed Date</b>	30/04/2024
<b>Next Review Date</b>	30/04/2027
<b>NSQF Clearance Date</b>	30/04/2024



## Qualification Pack

### MSME/LSS/N1301: Product Sketching and Design

#### Description

After completion of course Student should be able to Explain about the 2D and 3D sketching for shoe design

#### Scope

The scope covers the following :

- After completion of course Student should be able to Explain about the 2D and 3D sketching for shoe design

#### Elements and Performance Criteria

##### *Product Sketching & Design MSME/ DFMD 17*

To be competent, the user/individual on the job must be able to:

- PC1.** Sketching of model ideas
- PC2.** Application of techniques and skills of drawing shoes
- PC3.** Develop ideas and research to aware the international trends
- PC4.** Creation of various models includes men's, women's, and children's
- PC5.** Create a portfolio of sketching form exhibition, shop window or magazines



## Qualification Pack

### Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Product Sketching &amp; Design MSME/ DFMD 17</i>	-	<b>100</b>	-	-
<b>PC1.</b> Sketching of model ideas	-	-	-	-
<b>PC2.</b> Application of techniques and skills of drawing shoes	-	-	-	-
<b>PC3.</b> Develop ideas and research to aware the international trends	-	-	-	-
<b>PC4.</b> Creation of various models includes men's, women's, and children's	-	-	-	-
<b>PC5.</b> Create a portfolio of sketching form exhibition, shop window or magazines	-	-	-	-
<b>NOS Total</b>	-	<b>100</b>	-	-



## Qualification Pack

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	MSME/LSS/N1301
<b>NOS Name</b>	Product Sketching and Design
<b>Sector</b>	Leather
<b>Sub-Sector</b>	
<b>Occupation</b>	Footwear Designing & Manufacturing 02
<b>NSQF Level</b>	5
<b>Credits</b>	1
<b>Version</b>	1.0
<b>Last Reviewed Date</b>	30/04/2024
<b>Next Review Date</b>	30/04/2027
<b>NSQF Clearance Date</b>	30/04/2024



## Qualification Pack

### MSME/LSS/N1318: Final Project

#### Description

After completion of course Student should be able to Prepare an outline plan for making to marketing

#### Scope

The scope covers the following :

- After completion of course Student should be able to Prepare an outline plan for making to marketing

#### Elements and Performance Criteria

##### *Project MSME/ DFMD 32*

To be competent, the user/individual on the job must be able to:

- PC1.** Design a range of shoes
- PC2.** Selection of the materials based on respective designs, all making operations
- PC3.** Calculate material & labour cost and overheads costs and prepare a cost estimate sheet
- PC4.** Target population by market segmentation and analyze buying behavior of the consumer



## Qualification Pack

### Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Project MSME/ DFMD 32</i>	-	-	<b>100</b>	<b>100</b>
<b>PC1.</b> Design a range of shoes	-	-	-	-
<b>PC2.</b> Selection of the materials based on respective designs, all making operations	-	-	-	-
<b>PC3.</b> Calculate material & labour cost and overheads costs and prepare a cost estimate sheet	-	-	-	-
<b>PC4.</b> Target population by market segmentation and analyze buying behavior of the consumer	-	-	-	-
<b>NOS Total</b>	-	-	<b>100</b>	<b>100</b>



## Qualification Pack

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	MSME/LSS/N1318
<b>NOS Name</b>	Final Project
<b>Sector</b>	Leather
<b>Sub-Sector</b>	
<b>Occupation</b>	Footwear Designing & Manufacturing 02
<b>NSQF Level</b>	5
<b>Credits</b>	5
<b>Version</b>	1.0
<b>Last Reviewed Date</b>	30/04/2024
<b>Next Review Date</b>	30/04/2027
<b>NSQF Clearance Date</b>	30/04/2024



## Qualification Pack

### MSME/LSS/N1312: Foot Comfort

#### Description

After completion of course Student should be able to Explain about the Mechanical properties of shoe and its components

#### Scope

The scope covers the following :

- After completion of course Student should be able to Explain about the Mechanical properties of shoe and its components

#### Elements and Performance Criteria

##### *Foot Comfort MSME/ DFMD 27*

To be competent, the user/individual on the job must be able to:

- PC1.** Understanding the factors influencing the comfort footwear
- PC2.** Describe the mechanical, physical properties and thermo physiological requirements
- PC3.** Understanding the factors affecting foot comfort and bio-mechanism of foot comfort
- PC4.** Understanding the choice of materials for specific shoes
- PC5.** Describe role of shoe design and foot comfort and relation between comfort factors
- PC6.** Explain the causes, treatment and prevention of foot troubles.



## Qualification Pack

### Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Foot Comfort MSME/ DFMD 27</i>	<b>100</b>	-	-	-
<b>PC1.</b> Understanding the factors influencing the comfort footwear	-	-	-	-
<b>PC2.</b> Describe the mechanical, physical properties and thermo physiological requirements	-	-	-	-
<b>PC3.</b> Understanding the factors affecting foot comfort and bio-mechanism of foot comfort	-	-	-	-
<b>PC4.</b> Understanding the choice of materials for specific shoes	-	-	-	-
<b>PC5.</b> Describe role of shoe design and foot comfort and relation between comfort factors	-	-	-	-
<b>PC6.</b> Explain the causes, treatment and prevention of foot troubles.	-	-	-	-
<b>NOS Total</b>	<b>100</b>	-	-	-



## Qualification Pack

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	MSME/LSS/N1312
<b>NOS Name</b>	Foot Comfort
<b>Sector</b>	Leather
<b>Sub-Sector</b>	
<b>Occupation</b>	Footwear Designing & Manufacturing 02
<b>NSQF Level</b>	5
<b>Credits</b>	3
<b>Version</b>	1.0
<b>Last Reviewed Date</b>	30/04/2024
<b>Next Review Date</b>	30/04/2027
<b>NSQF Clearance Date</b>	30/04/2024



## Qualification Pack

### MSME/LSS/N1310: Advanced Technology

#### Description

After completion of course Student should be able to Brief about the applications of Robotics in Footwear Industry

#### Scope

The scope covers the following :

- After completion of course Student should be able to Brief about the applications of Robotics in Footwear Industry

#### Elements and Performance Criteria

##### *Advanced Technology MSME/ DFMD 25*

To be competent, the user/individual on the job must be able to:

- PC1.** Understanding the importance pf advanced technology in footwear industries
- PC2.** Understanding the advance technology and current environmental legislations
- PC3.** Perform pattern engineering and component cutting.
- PC4.** Interpret the new technical process
- PC5.** Describe new machinery and emerging technologies



## Qualification Pack

### Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Advanced Technology MSME/ DFMD 25</i>	<b>100</b>	-	-	-
<b>PC1.</b> Understanding the importance of advanced technology in footwear industries	-	-	-	-
<b>PC2.</b> Understanding the advanced technology and current environmental legislations	-	-	-	-
<b>PC3.</b> Perform pattern engineering and component cutting.	-	-	-	-
<b>PC4.</b> Interpret the new technical process	-	-	-	-
<b>PC5.</b> Describe new machinery and emerging technologies	-	-	-	-
<b>NOS Total</b>	<b>100</b>	-	-	-



## Qualification Pack

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	MSME/LSS/N1310
<b>NOS Name</b>	Advanced Technology
<b>Sector</b>	Leather
<b>Sub-Sector</b>	
<b>Occupation</b>	Footwear Designing & Manufacturing 02
<b>NSQF Level</b>	5
<b>Credits</b>	1
<b>Version</b>	1.0
<b>Last Reviewed Date</b>	30/04/2024
<b>Next Review Date</b>	30/04/2027
<b>NSQF Clearance Date</b>	30/04/2024



## Qualification Pack

# MSME/LSS/N1317: Employability Skills and Entrepreneurs hip

## Description

Employability Skills and Entrepreneurs hip

## Scope

The scope covers the following :

- Employability
- Skills and
- Entrepreneurs
- hip

## Elements and Performance Criteria

### *Employability Skills MSME/ES/03*

To be competent, the user/individual on the job must be able to:

- PC1.** Explain the concept of entrepreneurship, and entrepreneurship v/s Management
- PC2.** Explain the process of project report preparation for setting up a new business
- PC3.** Explain the role of various schemes and institute for self- employment i.e MSME, DIC, NSIC, SIDBI etc,
- PC4.** Role of financial institution to support startup
- PC5.** Discuss the importance of saving money
- PC6.** Discuss the main types of bank accounts
- PC7.** Differentiate between fixed and variable costs
- PC8.** Describe the different types of insurance products
- PC9.** Discuss the main types of electronic funds transfers



## Qualification Pack

### Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Employability Skills MSME/ES/03</i>	<b>100</b>	-	-	-
<b>PC1.</b> Explain the concept of entrepreneurship, and entrepreneurship v/s Management	-	-	-	-
<b>PC2.</b> Explain the process of project report preparation for setting up a new business	-	-	-	-
<b>PC3.</b> Explain the role of various schemes and institute for self-employment i.e MSME, DIC, NSIC, SIDBI etc,	-	-	-	-
<b>PC4.</b> Role of financial institution to support startup	-	-	-	-
<b>PC5.</b> Discuss the importance of saving money	-	-	-	-
<b>PC6.</b> Discuss the main types of bank accounts	-	-	-	-
<b>PC7.</b> Differentiate between fixed and variable costs	-	-	-	-
<b>PC8.</b> Describe the different types of insurance products	-	-	-	-
<b>PC9.</b> Discuss the main types of electronic funds transfers	-	-	-	-
<b>NOS Total</b>	<b>100</b>	-	-	-



## Qualification Pack

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	MSME/LSS/N1317
<b>NOS Name</b>	Employability Skills and Entrepreneurship
<b>Sector</b>	Leather
<b>Sub-Sector</b>	
<b>Occupation</b>	Footwear Designing & Manufacturing 02
<b>NSQF Level</b>	5
<b>Credits</b>	3
<b>Version</b>	1.0
<b>Last Reviewed Date</b>	30/04/2024
<b>Next Review Date</b>	30/04/2027
<b>NSQF Clearance Date</b>	30/04/2024



## Qualification Pack

### MSME/LSS/N1316: Marketing MSME/ DFMD 31

#### Description

After completion of course Student should be able to Explain about the marketing mix

#### Scope

The scope covers the following :

- After completion of course Student should be able to Explain about the marketing mix

#### Elements and Performance Criteria

##### *Marketing MSME/ DFMD 31*

To be competent, the user/individual on the job must be able to:

- PC1.** Preparation and functions of marketing plan
- PC2.** Analyze customer requirements, create brand awareness, perform market research
- PC3.** Understanding the factors that influence customer decisions
- PC4.** Develop the marketing plan
- PC5.** Explain about competitive edge includes availability, choice, range and quality.



## Qualification Pack

### Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Marketing MSME/ DFMD 31</i>	<b>100</b>	-	-	-
<b>PC1.</b> Preparation and functions of marketing plan	-	-	-	-
<b>PC2.</b> Analyze customer requirements, create brand awareness, perform market research	-	-	-	-
<b>PC3.</b> Understanding the factors that influence customer decisions	-	-	-	-
<b>PC4.</b> Develop the marketing plan	-	-	-	-
<b>PC5.</b> Explain about competitive edge includes availability, choice, range and quality.	-	-	-	-
<b>NOS Total</b>	<b>100</b>	-	-	-



## Qualification Pack

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	MSME/LSS/N1316
<b>NOS Name</b>	Marketing MSME/ DFMD 31
<b>Sector</b>	Leather
<b>Sub-Sector</b>	
<b>Occupation</b>	Footwear Designing & Manufacturing 02
<b>NSQF Level</b>	5
<b>Credits</b>	1
<b>Version</b>	1.0
<b>Last Reviewed Date</b>	30/04/2024
<b>Next Review Date</b>	30/04/2027
<b>NSQF Clearance Date</b>	30/04/2024



## Qualification Pack

### MSME/LSS/N1315: Retailing & Merchandising

#### Description

After completion of course Student should be able to Describe Elements of Retail Market

#### Scope

The scope covers the following :

- After completion of course Student should be able to Describe Elements of Retail Market

#### Elements and Performance Criteria

##### *Retailing & Merchandising MSME/ DFMD 30*

To be competent, the user/individual on the job must be able to:

- PC1.** Understanding the retailing overview, basics of retail versus wholesale and channels of distribution
- PC2.** Describe about retailing strategy, merchandise activities and retail operations
- PC3.** Explain about retail pricing, retail marketing and emerging trends in retail.



## Qualification Pack

### Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Retailing &amp; Merchandising MSME/ DFMD 30</i>	<b>100</b>	-	-	-
<b>PC1.</b> Understanding the retailing overview, basics of retail versus wholesale and channels of distribution	-	-	-	-
<b>PC2.</b> Describe about retailing strategy, merchandise activities and retail operations	-	-	-	-
<b>PC3.</b> Explain about retail pricing, retail marketing and emerging trends in retail.	-	-	-	-
<b>NOS Total</b>	<b>100</b>	-	-	-



## Qualification Pack

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	MSME/LSS/N1315
<b>NOS Name</b>	Retailing & Merchandising
<b>Sector</b>	Leather
<b>Sub-Sector</b>	
<b>Occupation</b>	Footwear Designing & Manufacturing 02
<b>NSQF Level</b>	5
<b>Credits</b>	2
<b>Version</b>	1.0
<b>Last Reviewed Date</b>	30/04/2024
<b>Next Review Date</b>	30/04/2027
<b>NSQF Clearance Date</b>	30/04/2024



## Qualification Pack

### MSME/LSS/N1314: Financial Controls

#### Description

After completion of course Student should be able to Explain about the elements of cost

#### Scope

The scope covers the following :

- After completion of course Student should be able to Explain about the elements of cost

#### Elements and Performance Criteria

##### *Financial Controls MSME/ DFMD 29*

To be competent, the user/individual on the job must be able to:

- PC1.** Preparation of a shoe costing system
- PC2.** Calculation of the element values in the cost estimate sheet
- PC3.** Analysis of financial statements
- PC4.** How to do Budgeting and Budgeting control
- PC5.** Provision and management of working capital
- PC6.** Application of Costing systems in footwear industry



## Qualification Pack

### Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Financial Controls MSME/ DFMD 29</i>	<b>100</b>	-	-	-
<b>PC1.</b> Preparation of a shoe costing system	-	-	-	-
<b>PC2.</b> Calculation of the element values in the cost estimate sheet	-	-	-	-
<b>PC3.</b> Analysis of financial statements	-	-	-	-
<b>PC4.</b> How to do Budgeting and Budgeting control	-	-	-	-
<b>PC5.</b> Provision and management of working capital	-	-	-	-
<b>PC6.</b> Application of Costing systems in footwear industry	-	-	-	-
<b>NOS Total</b>	<b>100</b>	-	-	-



## Qualification Pack

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	MSME/LSS/N1314
<b>NOS Name</b>	Financial Controls
<b>Sector</b>	Leather
<b>Sub-Sector</b>	
<b>Occupation</b>	Footwear Designing & Manufacturing 02
<b>NSQF Level</b>	5
<b>Credits</b>	2
<b>Version</b>	1.0
<b>Last Reviewed Date</b>	30/04/2024
<b>Next Review Date</b>	30/04/2027
<b>NSQF Clearance Date</b>	30/04/2024



## Qualification Pack

### MSME/LSS/N1313: Industrial Engineering

#### Description

After completion of course Student should be able to Explain about the various types of allowance

#### Scope

The scope covers the following :

- After completion of course Student should be able to Explain about the various types of allowance

#### Elements and Performance Criteria

##### *Industrial Engineering MSME/ DFMD 28*

To be competent, the user/individual on the job must be able to:

- PC1.** Able to get knowledge on production & productivity
- PC2.** Understanding the simplification and efficiency in production, plant layout
- PC3.** Perform time study, rating of operators and basic, standard time



## Qualification Pack

### Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Industrial Engineering MSME/ DFMD 28</i>	<b>100</b>	-	-	-
<b>PC1.</b> Able to get knowledge on production & productivity	-	-	-	-
<b>PC2.</b> Understanding the simplification and efficiency in production, plant layout	-	-	-	-
<b>PC3.</b> Perform time study, rating of operators and basic, standard time	-	-	-	-
<b>NOS Total</b>	<b>100</b>	-	-	-



## Qualification Pack

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	MSME/LSS/N1313
<b>NOS Name</b>	Industrial Engineering
<b>Sector</b>	Leather
<b>Sub-Sector</b>	
<b>Occupation</b>	Footwear Designing & Manufacturing 02
<b>NSQF Level</b>	5
<b>Credits</b>	2
<b>Version</b>	1.0
<b>Last Reviewed Date</b>	30/04/2024
<b>Next Review Date</b>	30/04/2027
<b>NSQF Clearance Date</b>	30/04/2024



## Qualification Pack

### MSME/LSS/N1311: International Business and Language

#### Description

After completion of course Student should be able to Explain about the business and society

#### Scope

The scope covers the following :

- After completion of course Student should be able to Explain about the business and society

#### Elements and Performance Criteria

##### *International Business and Language MSME/ DFMD 26*

To be competent, the user/individual on the job must be able to:

- PC1.** Explain about business, society and consumers and expectations
- PC2.** Describe sources of finances in terms of labour, capital and resources, profit, revenues
- PC3.** Understanding of responsibilities of business includes workers, customers and environmental & child labor issues



## Qualification Pack

### Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>International Business and Language MSME/DFMD 26</i>	<b>100</b>	-	-	-
<b>PC1.</b> Explain about business, society and consumers and expectations	-	-	-	-
<b>PC2.</b> Describe sources of finances in terms of labour, capital and resources, profit, revenues	-	-	-	-
<b>PC3.</b> Understanding of responsibilities of business includes workers, customers and environmental & child labor issues	-	-	-	-
<b>NOS Total</b>	<b>100</b>	-	-	-



## Qualification Pack

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	MSME/LSS/N1311
<b>NOS Name</b>	International Business and Language
<b>Sector</b>	Leather
<b>Sub-Sector</b>	
<b>Occupation</b>	Footwear Designing & Manufacturing 02
<b>NSQF Level</b>	5
<b>Credits</b>	1
<b>Version</b>	1.0
<b>Last Reviewed Date</b>	30/04/2024
<b>Next Review Date</b>	30/04/2027
<b>NSQF Clearance Date</b>	30/04/2024

### Assessment Guidelines and Assessment Weightage

#### Assessment Guidelines

As per QP

#### Minimum Aggregate Passing % at QP Level : 40

**(Please note:** Every Trainee should score a minimum aggregate passing percentage as specified above, to successfully clear the Qualification Pack assessment.)

#### Minimum Passing % at NOS Level: 40

**(Please note:** A Trainee must score the minimum percentage for each NOS separately as well as on the QP as a whole.)

#### Assessment Weightage

Compulsory NOS



## Qualification Pack

National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
MSME/LSS/N1309.Shoe Faults and Customer Complaints	100	-	-	-	100	5
MSME/LSS/N1308.Lasting III	-	100	-	-	100	5
MSME/LSS/N1307.Closing Technology III	-	100	-	-	100	5
MSME/LSS/N1306.Clicking Technology III	-	100	-	-	100	5
MSME/LSS/N1305.Materials and Testing II	-	100	-	-	100	5
MSME/LSS/N1304.Materials and Testing II	100	-	-	-	100	5
MSME/LSS/N1303.CAD & Pattern Engineering	-	100	-	-	100	5
MSME/LSS/N1302.Pattern Cutting and Pattern Development	-	100	-	-	100	5
MSME/LSS/N1301.Product Sketching and Design	-	100	-	-	100	5
MSME/LSS/N1318.Final Project	-	-	100	100	200	5
MSME/LSS/N1312.Foot Comfort	100	-	-	-	100	5
MSME/LSS/N1310.Advanced Technology	100	-	-	-	100	5
MSME/LSS/N1317.Employability Skills and Entrepreneurship	100	-	-	-	100	5
MSME/LSS/N1316.Marketing MSME/ DFMD 31	100	-	-	-	100	5
MSME/LSS/N1315.Retailing & Merchandising	100	-	-	-	100	5
MSME/LSS/N1314.Financial Controls	100	-	-	-	100	5
MSME/LSS/N1313.Industrial Engineering	100	-	-	-	100	5



### Qualification Pack

National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
MSME/LSS/N1311.International Business and Language	100	-	-	-	100	15
<b>Total</b>	<b>1000</b>	<b>700</b>	<b>100</b>	<b>100</b>	<b>1900</b>	<b>100</b>



## Qualification Pack

### Acronyms

<b>NOS</b>	National Occupational Standard(s)
<b>NSQF</b>	National Skills Qualifications Framework
<b>QP</b>	Qualifications Pack
<b>TVET</b>	Technical and Vocational Education and Training



## Qualification Pack

### Glossary

<b>Sector</b>	Sector is a conglomeration of different business operations having similar business and interests. It may also be defined as a distinct subset of the economy whose components share similar characteristics and interests.
<b>Sub-sector</b>	Sub-sector is derived from a further breakdown based on the characteristics and interests of its components.
<b>Occupation</b>	Occupation is a set of job roles, which perform similar/ related set of functions in an industry.
<b>Job role</b>	Job role defines a unique set of functions that together form a unique employment opportunity in an organisation.
<b>Occupational Standards (OS)</b>	OS specify the standards of performance an individual must achieve when carrying out a function in the workplace, together with the Knowledge and Understanding (KU) they need to meet that standard consistently. Occupational Standards are applicable both in the Indian and global contexts.
<b>Performance Criteria (PC)</b>	Performance Criteria (PC) are statements that together specify the standard of performance required when carrying out a task.
<b>National Occupational Standards (NOS)</b>	NOS are occupational standards which apply uniquely in the Indian context.
<b>Qualifications Pack (QP)</b>	QP comprises the set of OS, together with the educational, training and other criteria required to perform a job role. A QP is assigned a unique qualifications pack code.
<b>Unit Code</b>	Unit code is a unique identifier for an Occupational Standard, which is denoted by an 'N'
<b>Unit Title</b>	Unit title gives a clear overall statement about what the incumbent should be able to do.
<b>Description</b>	Description gives a short summary of the unit content. This would be helpful to anyone searching on a database to verify that this is the appropriate OS they are looking for.
<b>Scope</b>	Scope is a set of statements specifying the range of variables that an individual may have to deal with in carrying out the function which have a critical impact on quality of performance required.



## Qualification Pack

<b>Knowledge and Understanding (KU)</b>	Knowledge and Understanding (KU) are statements which together specify the technical, generic, professional and organisational specific knowledge that an individual needs in order to perform to the required standard.
<b>Organisational Context</b>	Organisational context includes the way the organisation is structured and how it operates, including the extent of operative knowledge managers have of their relevant areas of responsibility.
<b>Technical Knowledge</b>	Technical knowledge is the specific knowledge needed to accomplish specific designated responsibilities.
<b>Core Skills/ Generic Skills (GS)</b>	Core skills or Generic Skills (GS) are a group of skills that are the key to learning and working in today's world. These skills are typically needed in any work environment in today's world. These skills are typically needed in any work environment. In the context of the OS, these include communication related skills that are applicable to most job roles.
<b>Electives</b>	Electives are NOS/set of NOS that are identified by the sector as contributive to specialization in a job role. There may be multiple electives within a QP for each specialized job role. Trainees must select at least one elective for the successful completion of a QP with Electives.
<b>Options</b>	Options are NOS/set of NOS that are identified by the sector as additional skills. There may be multiple options within a QP. It is not mandatory to select any of the options to complete a QP with Options.