



Qualification Pack

Jr. Technical Supervisor - Footwear Design & Manufacturing

QP Code: MSME/LSS/Q1101

Version: 1.0

NSQF Level: 4.5

MSME TECHNOLOGY CENTRE ||
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Qualification Pack

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MSME/LSS/Q1101: Jr. 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/N1111: Lasting & Making Technology I](#)
2. [MSME/LSS/N1110: Lasting & Making Technology I](#)
3. [MSME/LSS/N1109: Closing Technology I](#)
4. [MSME/LSS/N1108: Closing Technology I](#)
5. [MSME/LSS/N1107: Clicking Technology I](#)
6. [MSME/LSS/N1106: Clicking Technology I](#)
7. [MSME/LSS/N1105: Materials & Testing I](#)
8. [MSME/LSS/N1104: Materials and Testing I](#)
9. [MSME/LSS/N1103: Pre-Production Technology](#)
10. [MSME/LSS/N1102: Designing & Pattern Cutting](#)
11. [MSME/LSS/N1101: Art, Design & Fashion](#)
12. [MSME/LSS/N1113: Hand Shoe Making](#)
13. [MSME/LSS/N1116: Lasting & Making Technology II](#)
14. [MSME/LSS/N1115: Closing Technology II](#)
15. [MSME/LSS/N1114: Clicking Technology II](#)
16. [MSME/LSS/N1123: Employability Skills and Entrepreneurship](#)
17. [MSME/LSS/N1122: Applied Science](#)



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18. [MSME/LSS/N1121: Computer Studies](#)
19. [MSME/LSS/N1120: Quality Assurance & Control](#)
20. [MSME/LSS/N1119: Basic Costing](#)
21. [MSME/LSS/N1118: Purchase and Stores Controls](#)

Qualification Pack (QP) Parameters

Sector	Leather
Sub-Sector	Finished Leather
Occupation	Footwear Designing & Manufacturing
Country	India
NSQF Level	4.5
Credits	40
Aligned to NCO/ISCO/ISIC Code	7536.01 / Shoemaker
Minimum Educational Qualification & Experience	12th grade Pass (12th Pass or Equivalent) with NA of experience OR Previous relevant Qualification of NSQF Level (Previous NSQF Levels 3) with 1.5 years of experience OR Previous relevant Qualification of NSQF Level 2.5 with 3 Years of experience
Minimum Level of Education for Training in School	
Pre-Requisite License or Training	NA
Minimum Job Entry Age	17 Years
Last Reviewed On	NA
Next Review Date	30/04/2027
NSQF Approval Date	30/04/2024
Version	1.0
Reference code on NQR	NCVET-QG-05-LT-02379-2024-V1-MSME



Qualification Pack

NQR Version	1.0
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Qualification Pack

MSME/LSS/N1111: Lasting & Making Technology I

Description

After completion of course Student should be able to Explain about the footwear machines & its applications

Scope

The scope covers the following :

- After completion of course Student should be able to Explain about the footwear machines & its applications

Elements and Performance Criteria

Lasting & Making Technology I

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

- PC1.** • Understanding the methods of shoe construction, types of toe-puff and stiffener, lasting principles and methods of
• application
- PC2.** • Describe the insole preparation, soling materials for different construction, preparation of bottom components, finding
• faults at subsequent operations
- PC3.** Perform finishing processes for various soling, heeling and upper materials
- PC4.** • Understanding the function and processes for shoe room operations, top sprays, and decorative treatments. Quality
• control through sealed samples
- PC5.** Preparation of Components
- PC6.** Perform Lasting operations
- PC7.** Carry out post lasting & finishing operations
- PC8.** Perform shoe room operation and techniques
- PC9.** Perform final examination and inspection procedures
- PC10.** Carry out packaging and presentation techniques



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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Lasting & Making Technology I</i>	-	100	-	-
PC1. <ul style="list-style-type: none">Understanding the methods of shoe construction, types of toe-puff and stiffener, lasting principles and methods of application	-	-	-	-
PC2. <ul style="list-style-type: none">Describe the insole preparation, soling materials for different construction, preparation of bottom components, finding faults at subsequent operations	-	-	-	-
PC3. Perform finishing processes for various soling, heeling and upper materials	-	-	-	-
PC4. <ul style="list-style-type: none">Understanding the function and processes for shoe room operations, top sprays, and decorative treatments. Quality control through sealed samples	-	-	-	-
PC5. Preparation of Components	-	-	-	-
PC6. Perform Lasting operations	-	-	-	-
PC7. Carry out post lasting & finishing operations	-	-	-	-
PC8. Perform shoe room operation and techniques	-	-	-	-
PC9. Perform final examination and inspection procedures	-	-	-	-
PC10. Carry out packaging and presentation techniques	-	-	-	-
NOS Total	-	100	-	-



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National Occupational Standards (NOS) Parameters

NOS Code	MSME/LSS/N1111
NOS Name	Lasting & Making Technology I
Sector	Leather
Sub-Sector	
Occupation	Footwear Designing & Manufacturing
NSQF Level	4.5
Credits	3
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQF Clearance Date	30/04/2024



Qualification Pack

MSME/LSS/N1110: Lasting & Making Technology I

Description

After completion of course Student should be able to Explain about the footwear machines & its applications

Scope

The scope covers the following :

- After completion of course Student should be able to Explain about the footwear machines & its applications

Elements and Performance Criteria

Lasting & Making Technology I

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

- PC1.** • Understanding the methods of shoe construction, types of toe-puff and stiffener, lasting principles and methods of
• application
- PC2.** • Describe the insole preparation, soling materials for different construction, preparation of bottom components, finding
• faults at subsequent operations
- PC3.** Perform finishing processes for various soling, heeling and upper materials
- PC4.** • Understanding the function and processes for shoe room operations, top sprays, and decorative treatments. Quality
• control through sealed samples
- PC5.** Preparation of Components
- PC6.** Perform Lasting operations
- PC7.** Carry out post lasting & finishing operations
- PC8.** Perform shoe room operation and techniques
- PC9.** Perform final examination and inspection procedures
- PC10.** Carry out packaging and presentation techniques



Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Lasting & Making Technology I</i>	100	-	-	-
PC1. <ul style="list-style-type: none">Understanding the methods of shoe construction, types of toe-puff and stiffener, lasting principles and methods of application	-	-	-	-
PC2. <ul style="list-style-type: none">Describe the insole preparation, soling materials for different construction, preparation of bottom components, finding faults at subsequent operations	-	-	-	-
PC3. Perform finishing processes for various soling, heeling and upper materials	-	-	-	-
PC4. <ul style="list-style-type: none">Understanding the function and processes for shoe room operations, top sprays, and decorative treatments. Quality control through sealed samples	-	-	-	-
PC5. Preparation of Components	-	-	-	-
PC6. Perform Lasting operations	-	-	-	-
PC7. Carry out post lasting & finishing operations	-	-	-	-
PC8. Perform shoe room operation and techniques	-	-	-	-
PC9. Perform final examination and inspection procedures	-	-	-	-
PC10. Carry out packaging and presentation techniques	-	-	-	-
NOS Total	100	-	-	-



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	MSME/LSS/N1110
NOS Name	Lasting & Making Technology I
Sector	Leather
Sub-Sector	
Occupation	Footwear Designing & Manufacturing
NSQF Level	4.5
Credits	1
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQF Clearance Date	30/04/2024



Qualification Pack

MSME/LSS/N1109: Closing Technology I

Description

After completion of course Student should be able to Explain about the pre-closing & closing operations

Scope

The scope covers the following :

- After completion of course Student should be able to Explain about the pre-closing & closing operations

Elements and Performance Criteria

Closing Technology I

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

- PC1.** Understanding the pre-closing operations and identify the upper and lining components
- PC2.** Understanding the mechanism of stitching operations in upper making
- PC3.** Explain about seams, stitching threads used in the upper closing
- PC4.**
 - Identification of Needle and Needle points used in upper closing and
 - expertise in sewing & skiving machines
- PC5.** Identify and apply the threads used in upper closing
- PC6.** Identify & apply the adhesives in upper making.
- PC7.** Fastening of hook while upper making.
- PC8.** Planning the sequence of operations & follow the QC aspects of various styles of upper closing.
- PC9.**
 - Closing Technology Practical
 - Perform different types of stitching and non-stitching
 - equipment available
- PC10.** Carryout the hand work operations by manual and machine.
- PC11.** Machine adjustments for functional efficiency
- PC12.** Demonstrate on the Production of a range of upper styles



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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Closing Technology I</i>	-	100	-	-
PC1. Understanding the pre-closing operations and identify the upper and lining components	-	-	-	-
PC2. Understanding the mechanism of stitching operations in upper making	-	-	-	-
PC3. Explain about seams, stitching threads used in the upper closing	-	-	-	-
PC4. <ul style="list-style-type: none">• Identification of Needle and Needle points used in upper closing and• expertise in sewing & skiving machines	-	-	-	-
PC5. Identify and apply the threads used in upper closing	-	-	-	-
PC6. Identify & apply the adhesives in upper making.	-	-	-	-
PC7. Fastening of hook while upper making.	-	-	-	-
PC8. Planning the sequence of operations & follow the QC aspects of various styles of upper closing.	-	-	-	-
PC9. <ul style="list-style-type: none">• Closing Technology Practical• Perform different types of stitching and non-stitching• equipment available	-	-	-	-
PC10. Carryout the hand work operations by manual and machine.	-	-	-	-
PC11. Machine adjustments for functional efficiency	-	-	-	-
PC12. Demonstrate on the Production of a range of upper styles	-	-	-	-
NOS Total	-	100	-	-



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National Occupational Standards (NOS) Parameters

NOS Code	MSME/LSS/N1109
NOS Name	Closing Technology I
Sector	Leather
Sub-Sector	
Occupation	Footwear Designing & Manufacturing
NSQF Level	4.5
Credits	3
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQF Clearance Date	30/04/2024



Qualification Pack

MSME/LSS/N1108: Closing Technology I

Description

After completion of course Student should be able to Explain about the pre-closing & closing operations

Scope

The scope covers the following :

- After completion of course Student should be able to Explain about the pre-closing & closing operations

Elements and Performance Criteria

Closing Technology I

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

- PC1.** Understanding the pre-closing operations and identify the upper and lining components
- PC2.** Understanding the mechanism of stitching operations in upper making
- PC3.** Explain about seams, stitching threads used in the upper closing
- PC4.**
 - Identification of Needle and Needle points used in upper closing and
 - expertise in sewing & skiving machines
- PC5.** Identify and apply the threads used in upper closing
- PC6.** Identify & apply the adhesives in upper making.
- PC7.** Fastening of hook while upper making.
- PC8.** Planning the sequence of operations & follow the QC aspects of various styles of upper closing.
- PC9.**
 - Closing Technology Practical
 - Perform different types of stitching and non-stitching
 - equipment available
- PC10.** Carryout the hand work operations by manual and machine.
- PC11.** Machine adjustments for functional efficiency
- PC12.** Demonstrate on the Production of a range of upper styles



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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Closing Technology I</i>	100	-	-	-
PC1. Understanding the pre-closing operations and identify the upper and lining components	-	-	-	-
PC2. Understanding the mechanism of stitching operations in upper making	-	-	-	-
PC3. Explain about seams, stitching threads used in the upper closing	-	-	-	-
PC4. <ul style="list-style-type: none">• Identification of Needle and Needle points used in upper closing and• expertise in sewing & skiving machines	-	-	-	-
PC5. Identify and apply the threads used in upper closing	-	-	-	-
PC6. Identify & apply the adhesives in upper making.	-	-	-	-
PC7. Fastening of hook while upper making.	-	-	-	-
PC8. Planning the sequence of operations & follow the QC aspects of various styles of upper closing.	-	-	-	-
PC9. <ul style="list-style-type: none">• Closing Technology Practical• Perform different types of stitching and non-stitching• equipment available	-	-	-	-
PC10. Carryout the hand work operations by manual and machine.	-	-	-	-
PC11. Machine adjustments for functional efficiency	-	-	-	-
PC12. Demonstrate on the Production of a range of upper styles	-	-	-	-
NOS Total	100	-	-	-



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National Occupational Standards (NOS) Parameters

NOS Code	MSME/LSS/N1108
NOS Name	Closing Technology I
Sector	Leather
Sub-Sector	
Occupation	Footwear Designing & Manufacturing
NSQF Level	4.5
Credits	1
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQF Clearance Date	30/04/2024



Qualification Pack

MSME/LSS/N1107: Clicking Technology I

Description

After completion of course Student should be able to Explain about the basic styles of footwear and components

Scope

The scope covers the following :

- After completion of course Student should be able to Explain about the basic styles of footwear and components

Elements and Performance Criteria

Clicking Technology I

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

- PC1.** Understand the concept of footwear & its function and classification of footwear.
- PC2.** Describe the main upper components, materials used in manufacture
- PC3.** Explain the importance of clicking room management
- PC4.** Demonstrate the line of tightness and stretchness, variations in skin and common defects on leather
- PC5.** Understanding the materials for shoe upper
- PC6.** Explain about the various types of leather
- PC7.** Inspection of leathers
- PC8.** Understanding about the quality characteristics of leather
- PC9.** Brief about the effects of tanning
- PC10.** Review of fabric and synthetic materials
- PC11.** Explain about clicking press, dies and knives
- PC12.** Calculate clicking costing and its allowances
- PC13.**
 - Clicking Technology Practical
 - Clicking of upper and lining components for 6 pairs of production shoes namely Men's Derby (Hand Lasted), Men's
 - Derby, Men's Oxford, Ladies Balleyflat, Boys Derby & Sandal Stuck-on



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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Clicking Technology I</i>	-	100	-	-
PC1. Understand the concept of footwear & its function and classification of footwear.	-	-	-	-
PC2. Describe the main upper components, materials used in manufacture	-	-	-	-
PC3. Explain the importance of clicking room management	-	-	-	-
PC4. Demonstrate the line of tightness and stretchness, variations in skin and common defects on leather	-	-	-	-
PC5. Understanding the materials for shoe upper	-	-	-	-
PC6. Explain about the various types of leather	-	-	-	-
PC7. Inspection of leathers	-	-	-	-
PC8. Understanding about the quality characteristics of leather	-	-	-	-
PC9. Brief about the effects of tanning	-	-	-	-
PC10. Review of fabric and synthetic materials	-	-	-	-
PC11. Explain about clicking press, dies and knives	-	-	-	-
PC12. Calculate clicking costing and its allowances	-	-	-	-
PC13. <ul style="list-style-type: none"> • Clicking Technology Practical • Clicking of upper and lining components for 6 pairs of production shoes namely Men's Derby (Hand Lasted), Men's Derby, Men's Oxford, Ladies Balleyflat, Boys Derby & Sandal Stuck-on 	-	-	-	-
NOS Total	-	100	-	-



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National Occupational Standards (NOS) Parameters

NOS Code	MSME/LSS/N1107
NOS Name	Clicking Technology I
Sector	Leather
Sub-Sector	
Occupation	Footwear Designing & Manufacturing
NSQF Level	4.5
Credits	1
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQF Clearance Date	30/04/2024



Qualification Pack

MSME/LSS/N1106: Clicking Technology I

Description

After completion of course Student should be able to Explain about the basic styles of footwear and components

Scope

The scope covers the following :

- After completion of course Student should be able to Explain about the basic styles of footwear and components

Elements and Performance Criteria

Clicking Technology I

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

- PC1.** Understand the concept of footwear & its function and classification of footwear.
- PC2.** Describe the main upper components, materials used in manufacture
- PC3.** Explain the importance of clicking room management
- PC4.** Demonstrate the line of tightness and stretchness, variations in skin and common defects on leather
- PC5.** Understanding the materials for shoe upper
- PC6.** Explain about the various types of leather
- PC7.** Inspection of leathers
- PC8.** Understanding about the quality characteristics of leather
- PC9.** Brief about the effects of tanning
- PC10.** Review of fabric and synthetic materials
- PC11.** Explain about clicking press, dies and knives
- PC12.** Calculate clicking costing and its allowances
- PC13.**
 - Clicking Technology Practical
 - Clicking of upper and lining components for 6 pairs of production shoes namely Men's Derby (Hand Lasted), Men's
 - Derby, Men's Oxford, Ladies Balleyflat, Boys Derby & Sandal Stuck-on



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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Clicking Technology I</i>	100	-	-	-
PC1. Understand the concept of footwear & its function and classification of footwear.	-	-	-	-
PC2. Describe the main upper components, materials used in manufacture	-	-	-	-
PC3. Explain the importance of clicking room management	-	-	-	-
PC4. Demonstrate the line of tightness and stretchness, variations in skin and common defects on leather	-	-	-	-
PC5. Understanding the materials for shoe upper	-	-	-	-
PC6. Explain about the various types of leather	-	-	-	-
PC7. Inspection of leathers	-	-	-	-
PC8. Understanding about the quality characteristics of leather	-	-	-	-
PC9. Brief about the effects of tanning	-	-	-	-
PC10. Review of fabric and synthetic materials	-	-	-	-
PC11. Explain about clicking press, dies and knives	-	-	-	-
PC12. Calculate clicking costing and its allowances	-	-	-	-
PC13. <ul style="list-style-type: none"> • Clicking Technology Practical • Clicking of upper and lining components for 6 pairs of production shoes namely Men's Derby (Hand Lasted), Men's Derby, Men's Oxford, Ladies Balleyflat, Boys Derby & Sandal Stuck-on 	-	-	-	-
NOS Total	100	-	-	-



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National Occupational Standards (NOS) Parameters

NOS Code	MSME/LSS/N1106
NOS Name	Clicking Technology I
Sector	Leather
Sub-Sector	
Occupation	Footwear Designing & Manufacturing
NSQF Level	4.5
Credits	1
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQF Clearance Date	30/04/2024



Qualification Pack

MSME/LSS/N1105: Materials & Testing I

Description

After completion of course Student should be able to Explain about the leather processing

Scope

The scope covers the following :

- After completion of course Student should be able to Explain about the leather processing

Elements and Performance Criteria

Materials and Testing I

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

- PC1.** Survey of the classes of materials used in shoe making.
- PC2.** Analyze the trends in modern materials
- PC3.**
 - Describe outline of leather production and physical and chemical tests to determine the quality and variability of
 - leather.
- PC4.** Describe outline of textiles and synthetic materials and its properties
- PC5.** Understanding the properties of various materials
- PC6.** Understanding the various components and its manufacturing process and types.
- PC7.** Testing of materials to include their specific properties
- PC8.** Recent developments in materials – uppers, soles and components



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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Materials and Testing I</i>	-	100	-	-
PC1. Survey of the classes of materials used in shoe making.	-	-	-	-
PC2. Analyze the trends in modern materials	-	-	-	-
PC3. <ul style="list-style-type: none">Describe outline of leather production and physical and chemical tests to determine the quality and variability ofleather.	-	-	-	-
PC4. Describe outline of textiles and synthetic materials and its properties	-	-	-	-
PC5. Understanding the properties of various materials	-	-	-	-
PC6. Understanding the various components and its manufacturing process and types.	-	-	-	-
PC7. Testing of materials to include their specific properties	-	-	-	-
PC8. Recent developments in materials – uppers, soles and components	-	-	-	-
NOS Total	-	100	-	-



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National Occupational Standards (NOS) Parameters

NOS Code	MSME/LSS/N1105
NOS Name	Materials & Testing I
Sector	Leather
Sub-Sector	
Occupation	Footwear Designing & Manufacturing
NSQF Level	4.5
Credits	1
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQF Clearance Date	30/04/2024



Qualification Pack

MSME/LSS/N1104: Materials and Testing I

Description

After completion of course Student should be able to Explain about the leather processing

Scope

The scope covers the following :

- After completion of course Student should be able to Explain about the leather processing

Elements and Performance Criteria

Materials and Testing I

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

- PC1.** Survey of the classes of materials used in shoe making.
- PC2.** Analyze the trends in modern materials
- PC3.**
 - Describe outline of leather production and physical and chemical tests to determine the quality and variability of
 - leather.
- PC4.** Describe outline of textiles and synthetic materials and its properties
- PC5.** Understanding the properties of various materials
- PC6.** Understanding the various components and its manufacturing process and types.
- PC7.** Testing of materials to include their specific properties
- PC8.** Recent developments in materials – uppers, soles and components



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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Materials and Testing I</i>	100	-	-	-
PC1. Survey of the classes of materials used in shoe making.	-	-	-	-
PC2. Analyze the trends in modern materials	-	-	-	-
PC3. <ul style="list-style-type: none">Describe outline of leather production and physical and chemical tests to determine the quality and variability ofleather.	-	-	-	-
PC4. Describe outline of textiles and synthetic materials and its properties	-	-	-	-
PC5. Understanding the properties of various materials	-	-	-	-
PC6. Understanding the various components and its manufacturing process and types.	-	-	-	-
PC7. Testing of materials to include their specific properties	-	-	-	-
PC8. Recent developments in materials – uppers, soles and components	-	-	-	-
NOS Total	100	-	-	-



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National Occupational Standards (NOS) Parameters

NOS Code	MSME/LSS/N1104
NOS Name	Materials and Testing I
Sector	Leather
Sub-Sector	
Occupation	Footwear Designing & Manufacturing
NSQF Level	4.5
Credits	2
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQF Clearance Date	30/04/2024



Qualification Pack

MSME/LSS/N1103: Pre-Production Technology

Description

After completion of course Student should be able to Explain about the structure of human foot

Scope

The scope covers the following :

- After completion of course Student should be able to Explain about the structure of human foot

Elements and Performance Criteria

PreProduction Technology

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

- PC1.** Understanding the structure of the foot and lower leg
- PC2.** Explain the movement of the foot in motion
- PC3.**
 - Different foot arches and their functioning, different foot troubles and related health problems.
 - Gait analysis for gait
 - correction.
- PC4.**
 - Describe bone growth and development stages. Foot troubles and precautions to be taken to get protection from foot
 - troubles
- PC5.**
 - Understand the need of different footwear measurement systems and Comparison between sizing systems in terms of
 - SLL and allowances and foot measuring devices
- PC6.** Describe the differences between the foot and corresponding last
- PC7.** How to choose the fitting footwear and devices used to improve shoe fitting.
- PC8.** Understanding of last grading and principle of grading by hand and machine
- PC9.** Explain about the last requirements for different constructions and last standardization.
- PC10.** Describe shoe design considerations



Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>PreProduction Technology</i>	100	-	-	-
PC1. Understanding the structure of the foot and lower leg	-	-	-	-
PC2. Explain the movement of the foot in motion	-	-	-	-
PC3. • Different foot arches and their functioning, different foot troubles and related health problems. Gait analysis for gait • correction.	-	-	-	-
PC4. • Describe bone growth and development stages. Foot troubles and precautions to be taken to get protection from foot • troubles	-	-	-	-
PC5. • Understand the need of different footwear measurement systems and Comparison between sizing systems in terms of • SLL and allowances and foot measuring devices	-	-	-	-
PC6. Describe the differences between the foot and corresponding last	-	-	-	-
PC7. How to choose the fitting footwear and devices used to improve shoe fitting.	-	-	-	-
PC8. Understanding of last grading and principle of grading by hand and machine	-	-	-	-
PC9. Explain about the last requirements for different constructions and last standardization.	-	-	-	-
PC10. Describe shoe design considerations	-	-	-	-
NOS Total	100	-	-	-



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	MSME/LSS/N1103
NOS Name	Pre-Production Technology
Sector	Leather
Sub-Sector	
Occupation	Footwear Designing & Manufacturing
NSQF Level	4.5
Credits	1
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQF Clearance Date	30/04/2024



Qualification Pack

MSME/LSS/N1102: Designing & Pattern Cutting

Description

After completion of course Student should be able to Explain about the Preparation of Mean Forme of LAST

Scope

The scope covers the following :

- After completion of course Student should be able to Explain about the Preparation of Mean Forme of LAST

Elements and Performance Criteria

Designing & Pattern Cutting

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

- PC1.** • Designing on the 3D shape of the last or forme, and geometrically designing on the flat 2D mean forms and Production
 - of a working standard (compatible to construction allowances) and ection.al patterns for the full shoe
- PC2.** Production of pattern standards
- PC3.** Demonstrate the use of ornaments for functional and decorative purposes.
- PC4.** Production of bottom stock patterns
- PC5.** Pattern springing for material economy without effecting style or line.
- PC6.** Produce design prototypes for appraisal assessment.
- PC7.** • Specification procedures for use in production, detailing of style, edge treatments, materials and components used.
 - Information and sequence of operations through the whole process



Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Designing & Pattern Cutting</i>	-	100	-	-
PC1. <ul style="list-style-type: none">• Designing on the 3D shape of the last or forme, and geometrically designing on the flat 2D mean forms and Production• of a working standard (compatible to construction allowances) and ection.al patterns for the full shoe	-	-	-	-
PC2. Production of pattern standards	-	-	-	-
PC3. Demonstrate the use of ornaments for functional and decorative purposes.	-	-	-	-
PC4. Production of bottom stock patterns	-	-	-	-
PC5. Pattern springing for material economy without effecting style or line.	-	-	-	-
PC6. Produce design prototypes for appraisal assessment.	-	-	-	-
PC7. <ul style="list-style-type: none">• Specification procedures for use in production, detailing of style, edge treatments, materials and components used.• Information and sequence of operations through the whole process	-	-	-	-
NOS Total	-	100	-	-



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	MSME/LSS/N1102
NOS Name	Designing & Pattern Cutting
Sector	Leather
Sub-Sector	
Occupation	Footwear Designing & Manufacturing
NSQF Level	4.5
Credits	3
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQF Clearance Date	30/04/2024



Qualification Pack

MSME/LSS/N1101: Art, Design & Fashion

Description

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

Scope

The scope covers the following :

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

Elements and Performance Criteria

Art, Design & Fashion

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

- PC1.** • Create an awareness of Art and its influence on fashion and understanding the effects of fashion on all other
• considerations.
- PC2.** Understanding the relationship between foot and last
- PC3.** Demonstrate an ability to translate art to a shoe design.



Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Art, Design & Fashion</i>	-	100	-	-
PC1. • Create an awareness of Art and its influence on fashion and understanding the effects of fashion on all other considerations.	-	-	-	-
PC2. Understanding the relationship between foot and last	-	-	-	-
PC3. Demonstrate an ability to translate art to a shoe design.	-	-	-	-
NOS Total	-	100	-	-



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	MSME/LSS/N1101
NOS Name	Art, Design & Fashion
Sector	Leather
Sub-Sector	
Occupation	Footwear Designing & Manufacturing
NSQF Level	4.5
Credits	1
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQF Clearance Date	30/04/2024



Qualification Pack

MSME/LSS/N1113: Hand Shoe Making

Description

After completion of course Student should be able to Explain about the Insole Preparations

Scope

The scope covers the following :

- After completion of course Student should be able to Explain about the Insole Preparations

Elements and Performance Criteria

Hand Shoe Making

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

- PC1.** Preparation of insole and its attachment & molding
- PC2.** Preparation of toe puff and stiffener, hand lasting and sole stitching
- PC3.** Perform sole attachment and heel attachment
- PC4.** Perform shoe finishing and inspection to specification



Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Hand Shoe Making</i>	-	100	-	-
PC1. Preparation of insole and its attachment & molding	-	-	-	-
PC2. Preparation of toe puff and stiffener, hand lasting and sole stitching	-	-	-	-
PC3. Perform sole attachment and heel attachment	-	-	-	-
PC4. Perform shoe finishing and inspection to specification	-	-	-	-
NOS Total	-	100	-	-



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	MSME/LSS/N1113
NOS Name	Hand Shoe Making
Sector	Leather
Sub-Sector	
Occupation	Footwear Designing & Manufacturing
NSQF Level	4.5
Credits	2
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQF Clearance Date	30/04/2024



Qualification Pack

MSME/LSS/N1116: Lasting & Making Technology II

Description

Explain about the process control at pre-lasting, lasting, post-lasting & finishing operations.

Scope

The scope covers the following :

- Explain about the process control at pre-lasting, lasting, post-lasting & finishing operations.

Elements and Performance Criteria

Lasting technology II

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

- PC1.**
- Lasting & Making for 6 pairs of production shoes namely Moccasin Shoe, Oxford Shoe, Ladies Ankle Boot, Monk Derby,
 - Sandal Stitch down, Toe Cap Derby



Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Lasting technology II</i>	-	100	-	-
PC1. <ul style="list-style-type: none">• Lasting & Making for 6 pairs of production shoes namely Moccasin Shoe, Oxford Shoe, Ladies Ankle Boot, Monk Derby,• Sandal Stitch down, Toe Cap Derby	-	-	-	-
NOS Total	-	100	-	-



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	MSME/LSS/N1116
NOS Name	Lasting & Making Technology II
Sector	Leather
Sub-Sector	
Occupation	Footwear Designing & Manufacturing
NSQF Level	4.5
Credits	5
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQF Clearance Date	30/04/2024



Qualification Pack

MSME/LSS/N1115: Closing Technology II

Description

Explain about the process control at pre-closing & closing operations.

Scope

The scope covers the following :

- Explain about the process control at pre-closing & closing operations.

Elements and Performance Criteria

Closing Technology II

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

- PC1.**
- Carryout the pre-closing & closing operations in upper making for the styles namely Moccasin Shoe, Oxford Shoe,
 - Ladies Ankle Boot, Monk Derby, Sandal Stitch down, Toe Cap Derby



Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Closing Technology II</i>	-	100	-	-
PC1. <ul style="list-style-type: none">• Carryout the pre-closing & closing operations in upper making for the styles namely Moccasin Shoe, Oxford Shoe,• Ladies Ankle Boot, Monk Derby, Sandal Stitch down, Toe Cap Derby	-	-	-	-
NOS Total	-	100	-	-



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	MSME/LSS/N1115
NOS Name	Closing Technology II
Sector	Leather
Sub-Sector	
Occupation	Footwear Designing & Manufacturing
NSQF Level	4.5
Credits	4
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQF Clearance Date	30/04/2024



Qualification Pack

MSME/LSS/N1114: Clicking Technology II

Description

Explain about the process control at leather assortment & clicking operations

Scope

The scope covers the following :

- Explain about the process control at leather assortment & clicking operations

Elements and Performance Criteria

Clicking Technology II

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

- PC1.**
- Cutting of shoe components in leather for upper and lining for various styles namely Moccasin Shoe, Oxford Shoe,
 - Ladies Ankle Boot, Monk Derby, Sandal Stitch down, Toe Cap Derby



Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Clicking Technology II</i>	-	100	-	-
PC1. <ul style="list-style-type: none">• Cutting of shoe components in leather for upper and lining for various styles namely Moccasin Shoe, Oxford Shoe,• Ladies Ankle Boot, Monk Derby, Sandal Stitch down, Toe Cap Derby	-	-	-	-
NOS Total	-	100	-	-



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	MSME/LSS/N1114
NOS Name	Clicking Technology II
Sector	Leather
Sub-Sector	
Occupation	Footwear Designing & Manufacturing
NSQF Level	4.5
Credits	3
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQF Clearance Date	30/04/2024



Qualification Pack

MSME/LSS/N1123: Employability Skills and Entrepreneurship

Description

Employability Skills and Entrepreneurship

Scope

The scope covers the following :

- Employability
- Skills and
- Entrepreneurship
- ship

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 major applications of MS Office
- PC2.** Explain the different types of e-commerce
- PC3.** List the benefits of e-commerce for retailers and customers
- PC4.** Discuss how the Digital India campaign will help boost e-commerce in India
- PC5.** Write applications pertaining to various matters.
- PC6.** Explain power of positive attitude and Importance of commitment
- PC7.** Explain motivation and the Ways to motivate oneself and Personal goal setting
- PC8.** Explain the Effective & Level of Communication
- PC9.** Explain communication and Significance of technical communication?
- PC10.** Explain the methods of listening Skills.
- PC11.** Explain the differences between bio-data, CV and Resume
- PC12.** Explain verbal and non-verbal Communication
- PC13.** Explain how to face an interview.
- PC14.** Explain team work, group work, team formation process
- PC15.** How to Minimize the team conflicts
- PC16.** Explain Ethics & values



Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Employability Skills MSME/ ES/03</i>	100	-	-	-
PC1. Explain the major applications of MS Office	-	-	-	-
PC2. Explain the different types of e-commerce	-	-	-	-
PC3. List the benefits of e-commerce for retailers and customers	-	-	-	-
PC4. Discuss how the Digital India campaign will help boost e-commerce in India	-	-	-	-
PC5. Write applications pertaining to various matters.	-	-	-	-
PC6. Explain power of positive attitude and Importance of commitment	-	-	-	-
PC7. Explain motivation and the Ways to motivate oneself and Personal goal setting	-	-	-	-
PC8. Explain the Effective & Level of Communication	-	-	-	-
PC9. Explain communication and Significance of technical communication?	-	-	-	-
PC10. Explain the methods of listening Skills.	-	-	-	-
PC11. Explain the differences between bio-data, CV and Resume	-	-	-	-
PC12. Explain verbal and non-verbal Communication	-	-	-	-
PC13. Explain how to face an interview.	-	-	-	-
PC14. Explain team work, group work, team formation process	-	-	-	-
PC15. How to Minimize the team conflicts	-	-	-	-
PC16. Explain Ethics & values	-	-	-	-
NOS Total	100	-	-	-



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	MSME/LSS/N1123
NOS Name	Employability Skills and Entrepreneurship
Sector	Leather
Sub-Sector	
Occupation	Footwear Designing & Manufacturing
NSQF Level	4.5
Credits	3
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQF Clearance Date	30/04/2024



Qualification Pack

MSME/LSS/N1122: Applied Science

Description

After completion of course Student should be able to Explain about the thermometers and temperature scales

Scope

The scope covers the following :

- After completion of course Student should be able to Explain about the thermometers and temperature scales

Elements and Performance Criteria

Applied Science MSME/ DFMD 16

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

- PC1.** Understanding physical science to be applied in shoe making process
- PC2.** Explain an electric current, power generation and supply
- PC3.** Follow up safe working practices in production floor
- PC4.** Follow the rules and regulations as per ISO 14001 requirements and legal considerations



Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Applied Science MSME/ DFMD 16</i>	100	-	-	-
PC1. Understanding physical science to be applied in shoe making process	-	-	-	-
PC2. Explain an electric current, power generation and supply	-	-	-	-
PC3. Follow up safe working practices in production floor	-	-	-	-
PC4. Follow the rules and regulations as per ISO 14001 requirements and legal considerations	-	-	-	-
NOS Total	100	-	-	-



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	MSME/LSS/N1122
NOS Name	Applied Science
Sector	Leather
Sub-Sector	
Occupation	Footwear Designing & Manufacturing
NSQF Level	4.5
Credits	1
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQF Clearance Date	30/04/2024



Qualification Pack

MSME/LSS/N1121: Computer Studies

Description

After completion of course Student should be able to Explain about the computer literacy

Scope

The scope covers the following :

- After completion of course Student should be able to Explain about the computer literacy

Elements and Performance Criteria

Computer Studies MSME/ DFMD 15

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

- PC1.** Understanding the language of computer technology, data base & data processing
- PC2.** CAD/CAM applications in shoe making
- PC3.** Perform bar coding, ticket making and showing performance levels



Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Computer Studies MSME/ DFMD 15</i>	-	100	-	-
PC1. Understanding the language of computer technology, data base & data processing	-	-	-	-
PC2. CAD/CAM applications in shoe making	-	-	-	-
PC3. Perform bar coding, ticket making and showing performance levels	-	-	-	-
NOS Total	-	100	-	-



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	MSME/LSS/N1121
NOS Name	Computer Studies
Sector	Leather
Sub-Sector	
Occupation	Footwear Designing & Manufacturing
NSQF Level	4.5
Credits	1
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQF Clearance Date	30/04/2024



Qualification Pack

MSME/LSS/N1120: Quality Assurance & Control

Description

After completion of course Student should be able to Explain about the supplier/customer relations

Scope

The scope covers the following :

- After completion of course Student should be able to Explain about the supplier/customer relations

Elements and Performance Criteria

Quality Assurance & Control MSME/ DFMD 14

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

- PC1.** Describe quality assurance to the customer on reducing operating costs
- PC2.** Explain Supplier/Customer relations
- PC3.** Understanding on sourcing, quality performance
- PC4.**
 - Understanding the importance of in-house quality control systems, ISO 9001/2000 and its impact on world trade,
 - Detailing the 21 requirements for shoe making interpretations and main factors on the quality of the product
- PC5.** carry out various inspection systems



Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Quality Assurance & Control MSME/ DFMD 14</i>	100	-	-	-
PC1. Describe quality assurance to the customer on reducing operating costs	-	-	-	-
PC2. Explain Supplier/Customer relations	-	-	-	-
PC3. Understanding on sourcing, quality performance	-	-	-	-
PC4. <ul style="list-style-type: none">Understanding the importance of in-house quality control systems, ISO 9001/2000 and its impact on world trade,Detailing the 21 requirements for shoe making interpretations and main factors on the quality of the product	-	-	-	-
PC5. carry out various inspection systems	-	-	-	-
NOS Total	100	-	-	-



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	MSME/LSS/N1120
NOS Name	Quality Assurance & Control
Sector	Leather
Sub-Sector	
Occupation	Footwear Designing & Manufacturing
NSQF Level	4.5
Credits	1
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQF Clearance Date	30/04/2024



Qualification Pack

MSME/LSS/N1119: Basic Costing

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

Basic Costing MSME/ DFMD 13

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

- PC1.** • Understanding the elements of cost and apply the procedures used for estimating allowances for shoe components.
• Incorporation of cost factors in footwear specifications.
- PC2.** Understanding the wage payment system, calculate labour cost for all operations
- PC3.** Perform overheads costing and its recovery
- PC4.** Understanding about competition, pricing policies and company turn over



Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Basic Costing MSME/ DFMD 13</i>	100	-	-	-
PC1. <ul style="list-style-type: none">Understanding the elements of cost and apply the procedures used for estimating allowances for shoe components.Incorporation of cost factors in footwear specifications.	-	-	-	-
PC2. Understanding the wage payment system, calculate labour cost for all operations	-	-	-	-
PC3. Perform overheads costing and its recovery	-	-	-	-
PC4. Understanding about competition, pricing policies and company turn over	-	-	-	-
NOS Total	100	-	-	-



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	MSME/LSS/N1119
NOS Name	Basic Costing
Sector	Leather
Sub-Sector	
Occupation	Footwear Designing & Manufacturing
NSQF Level	4.5
Credits	1
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQF Clearance Date	30/04/2024



Qualification Pack

MSME/LSS/N1118: Purchase and Stores Controls

Description

After completion of course Student should be able to Explain about the purchasing parameters

Scope

The scope covers the following :

- After completion of course Student should be able to Explain about the purchasing parameters

Elements and Performance Criteria

MSME/ DFMD 12 Purchase and Stores Controls

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

- PC1.** Getting to know the knowledge on management of materials
- PC2.** Follow up inventory control and material cycle
- PC3.** Monitor storage and transportation of materials to the production area
- PC4.**
 - Check inventory system, materials issues, re-use and disposals
 - sale lines and surplus stock



Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>MSME/ DFMD 12 Purchase and Stores Controls</i>	100	-	-	-
PC1. Getting to know the knowledge on management of materials	-	-	-	-
PC2. Follow up inventory control and material cycle	-	-	-	-
PC3. Monitor storage and transportation of materials to the production area	-	-	-	-
PC4. <ul style="list-style-type: none">• Check inventory system, materials issues, re-use and disposals• sale lines and surplus stock	-	-	-	-
NOS Total	100	-	-	-



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	MSME/LSS/N1118
NOS Name	Purchase and Stores Controls
Sector	Leather
Sub-Sector	
Occupation	Footwear Designing & Manufacturing
NSQF Level	4.5
Credits	1
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQF Clearance Date	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/N1111.Lasting & Making Technology I	-	100	-	-	100	5
MSME/LSS/N1110.Lasting & Making Technology I	100	-	-	-	100	5
MSME/LSS/N1109.Closing Technology I	-	100	-	-	100	5
MSME/LSS/N1108.Closing Technology I	100	-	-	-	100	5
MSME/LSS/N1107.Clicking Technology I	-	100	-	-	100	5
MSME/LSS/N1106.Clicking Technology I	100	-	-	-	100	5
MSME/LSS/N1105.Materials & Testing I	-	100	-	-	100	5
MSME/LSS/N1104.Materials and Testing I	100	-	-	-	100	5
MSME/LSS/N1103.Pre-Production Technology	100	-	-	-	100	5
MSME/LSS/N1102.Designing & Pattern Cutting	-	100	-	-	100	5
MSME/LSS/N1101.Art, Design & Fashion	-	100	-	-	100	5
MSME/LSS/N1113.Hand Shoe Making	-	100	-	-	100	5
MSME/LSS/N1116.Lasting & Making Technology II	-	100	-	-	100	5
MSME/LSS/N1115.Closing Technology II	-	100	-	-	100	5
MSME/LSS/N1114.Clicking Technology II	-	100	-	-	100	5
MSME/LSS/N1123.Employability Skills and Entrepreneurship	100	-	-	-	100	5



Qualification Pack

National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
MSME/LSS/N1122.Applied Science	100	-	-	-	100	5
MSME/LSS/N1121.Computer Studies	-	100	-	-	100	5
MSME/LSS/N1120.Quality Assurance & Control	100	-	-	-	100	5
MSME/LSS/N1119.Basic Costing	100	-	-	-	100	3
MSME/LSS/N1118.Purchase and Stores Controls	100	-	-	-	100	2
Total	1000	1100	-	-	2100	100



Qualification Pack

Acronyms

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



Qualification Pack

Glossary

Sector	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.
Sub-sector	Sub-sector is derived from a further breakdown based on the characteristics and interests of its components.
Occupation	Occupation is a set of job roles, which perform similar/ related set of functions in an industry.
Job role	Job role defines a unique set of functions that together form a unique employment opportunity in an organisation.
Occupational Standards (OS)	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.
Performance Criteria (PC)	Performance Criteria (PC) are statements that together specify the standard of performance required when carrying out a task.
National Occupational Standards (NOS)	NOS are occupational standards which apply uniquely in the Indian context.
Qualifications Pack (QP)	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.
Unit Code	Unit code is a unique identifier for an Occupational Standard, which is denoted by an 'N'
Unit Title	Unit title gives a clear overall statement about what the incumbent should be able to do.
Description	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.
Scope	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

Knowledge and Understanding (KU)	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.
Organisational Context	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.
Technical Knowledge	Technical knowledge is the specific knowledge needed to accomplish specific designated responsibilities.
Core Skills/ Generic Skills (GS)	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.
Electives	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.
Options	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.