



Qualification Pack

SPORTS APPAREL MAKER

QP Code: MSME/AMH/Q5301

Version: 1.0

NSQF Level: 3

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Qualification Pack

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Qualification Pack

MSME/AMH/Q5301: SPORTS APPAREL MAKER

Brief Job Description

The main purpose of the qualification is To create self and wage employment opportunities for freshers/unemployed as well as to upgrade the skills of people already work in this field. To develop the competencies in Sports Apparel stitching processes and various other operations involved in Sports Apparel manufacturing. To give vocational and professional skill access to quality based higher production so more MSMEs may be increase. The extent to which a candidate is trained and educated affects its mobility. To ensure mobility, the Qualifications pack have been tailored in a manner that it states all the required skills for this job role and ensures increase in developmental level when skills are practiced over time. It also covers procedures and compliance standards to identify, prevent, control, minimize and eliminate hazards and potential risks to self and others at the workplace

Personal Attributes

The main purpose of the qualification is To create self and wage employment opportunities for freshers/unemployed as well as to upgrade the skills of people already work in this field. To develop the competencies in Sports Apparel stitching processes and various other operations involved in Sports Apparel manufacturing. To give vocational and professional skill access to quality based higher production so more MSMEs may be increase. The extent to which a candidate is trained and educated affects its mobility. To ensure mobility, the Qualifications pack have been tailored in a manner that it states all the required skills for this job role and ensures increase in developmental level when skills are practiced over time. It also covers procedures and compliance standards to identify, prevent, control, minimize and eliminate hazards and potential risks to self and others at the workplace

Applicable National Occupational Standards (NOS)

Compulsory NOS:

1. [MSME/AMH/N5307: Introduction to Sports Apparel, Tools/equips. and safety & security at workplace](#)
2. [MSME/AMH/N5306: Employability Skills I](#)
3. [MSME/AMH/N5305: Fabric Selection, Measurement, Designing & Pattern Making](#)
4. [MSME/AMH/N5304: Drafting, Layering and Cutting the Fabric](#)
5. [MSME/AMH/N5303: Stitching activities of Sports Apparel](#)
6. [MSME/AMH/N5302: Maintaining quality during Stitching Operations](#)
7. [MSME/AMH/N5301: OJT I](#)



Qualification Pack

Qualification Pack (QP) Parameters

Sector	Apparel
Sub-Sector	Apparel, Made-Ups & Home Furnishing
Occupation	GARMENTS MAKING
Country	India
NSQF Level	3
Credits	15
Aligned to NCO/ISCO/ISIC Code	8153.0101 - Sewing Machine Operator
Minimum Educational Qualification & Experience	10th grade pass with NA of experience Relevant experience OR 9th grade pass with 1.5 years of experience relevant experience OR 8th grade pass with 3 Years of experience relevant experience OR 5th grade pass with 7 Years of experience relevant experience OR Previous relevant Qualification of NSQF Level 2.5 with 1.5 years of experience relevant experience OR Previous relevant Qualification of NSQF Level 2 with 2 Years of experience relevant experience
Minimum Level of Education for Training in School	5th Class
Pre-Requisite License or Training	NA
Minimum Job Entry Age	15 Years
Last Reviewed On	NA
Next Review Date	18/02/2028
NSQF Approval Date	18/02/2025
Version	1.0
Reference code on NQR	QG-03-AP-03505-2025-V1-MSME



Qualification Pack

NQR Version

1.0



Qualification Pack

MSME/AMH/N5307: Introduction to Sports Apparel, Tools/equips. and safety & security at workplace

Description

Knowledge of different type of fabrics, types of fabric for making different types of Sports Apparel as per their use Familiarizing with the process of Sports Apparel making- Designing, Selection of Material, Cutting, Sewing and Finishing Acquaint with different types of machines, their attachments, adjustments, maintenance procedure. Handle materials, machinery, equipment and tools safely and correctly to maintain a clean and hazard free working area Functions in accordance with organizational standards, procedures, policies, rules and regulations.

Scope

The scope covers the following :

- Knowledge of different type of fabrics, types of fabric for making different types of Sports Apparel as per their use
- Familiarizing with the process of Sports Apparel making- Designing, Selection of Material, Cutting, Sewing and Finishing
- Acquaint with different types of machines, their attachments, adjustments, maintenance procedure.
- Handle materials, machinery, equipment and tools safely and correctly to maintain a clean and hazard free working area
- Functions in accordance with organizational standards, procedures, policies, rules and regulations.

Elements and Performance Criteria

MSME/SAM/01 & Version 1.0

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

- PC1.** Apparel Sector in India
- PC2.** Types of Sports Apparel
- PC3.**
 - Familiarizing with the process of Sports Apparel making- Designing, Selection of Material, Cutting, Sewing and Finishing
- PC4.** Key responsibilities of Sports Apparel Maker.
- PC5.** Principles of operation of Industrial Single Needle Lock Stitch Sewing Machine
- PC6.**
 - Principles of operation of special purpose machines like: Lockstitch, Cylinder Bed Sewing Machine, Post Bed Machine, Flat Lock Machine, Edge Cutter Sewing Machine, Elastic Machine, Button Attaching Machine, Buttonhole Machine and Straight Knife Cloth Cutting Machine
- PC7.** Understanding Machine adjustments and effect of these adjustments.
- PC8.**
 - Acquaint the students with different types of machines, their attachments, adjustments, maintenance procedure.
- PC9.**
 - Knowledge about other tools and equipment's like Ironing press, Design Pattern Template, Cutting measuring marking tools etc. Dummies for checking fittings.



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- PC10.** • Know about maintenance of Machines: Necessity for preventive, periodic and correcting
• maintenance.
- PC11.** • Handle materials, machinery, equipment and tools safely and correctly to maintain a clean and
• hazard free working area.
- PC12.** • Use materials efficiently to minimize wastage and dispose-off the waste safely at the
designated
• location.
- PC13.** • Carry out running maintenance and/or cleaning within one's responsibility and agreed
• schedules
- PC14.** • Handle tools and equipment's like sewing machines, scissors, shears, etc. safely and securely
• & Install basic safety signage in the shop for customer knowledge as well.
- PC15.** • Report any unsafe or damaged equipment and other dangerous occurrences to the authorized
• personnel.
- PC16.** Ensure that the correct machine guards are in place.
- PC17.** Use cleaning equipment and methods appropriate for the work to be carried out
- PC18.** • Carry out work functions in accordance with organizational standards, procedures, policies,
rules
• and regulations.
- PC19.** • Apply and follow these policies and procedures within your work practices and inculcate
• sustainable consumption practices
- PC20.** • Actively get involved in improving the performance of the organization in line with their own
role
• and responsibilities and support adaptation to more environmentally friendly processes.
- PC21.** • Undertake first-aid, fire-fighting and emergency response training. Also engage & participate to
• end gender discrimination & communicate in gender inclusive terms.
- PC22.** All copies of design work to be maintained in files as well for future reference



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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>MSME/SAM/01 & Version 1.0</i>	100	-	-	-
PC1. Apparel Sector in India	-	-	-	-
PC2. Types of Sports Apparel	-	-	-	-
PC3. <ul style="list-style-type: none">• Familiarizing with the process of Sports Apparel making- Designing, Selection of Material,• Cutting, Sewing and Finishing	-	-	-	-
PC4. Key responsibilities of Sports Apparel Maker.	-	-	-	-
PC5. Principles of operation of Industrial Single Needle Lock Stitch Sewing Machine	-	-	-	-
PC6. <ul style="list-style-type: none">• Principles of operation of special purpose machines like: Lockstitch, Cylinder Bed Sewing• Machine, Post Bed Machine, Flat Lock Machine, Edge Cutter Sewing Machine, Elastic Machine,• Button Attaching Machine, Buttonhole Machine and Straight Knife Cloth Cutting Machine	-	-	-	-
PC7. Understanding Machine adjustments and effect of these adjustments.	-	-	-	-
PC8. <ul style="list-style-type: none">• Acquaint the students with different types of machines, their attachments, adjustments,• maintenance procedure.	-	-	-	-
PC9. <ul style="list-style-type: none">• Knowledge about other tools and equipment's like Ironing press, Design Pattern Template,• Cutting measuring marking tools etc. Dummies for checking fittings.	-	-	-	-
PC10. <ul style="list-style-type: none">• Know about maintenance of Machines: Necessity for preventive, periodic and correcting• maintenance.	-	-	-	-
PC11. <ul style="list-style-type: none">• Handle materials, machinery, equipment and tools safely and correctly to maintain a clean and• hazard free working area.	-	-	-	-



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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC12. <ul style="list-style-type: none">• Use materials efficiently to minimize wastage and dispose-off the waste safely at the designated• location.	-	-	-	-
PC13. <ul style="list-style-type: none">• Carry out running maintenance and/or cleaning within one's responsibility and agreed• schedules	-	-	-	-
PC14. <ul style="list-style-type: none">• Handle tools and equipment's like sewing machines, scissors, shears, etc. safely and securely• & Install basic safety signage in the shop for customer knowledge as well.	-	-	-	-
PC15. <ul style="list-style-type: none">• Report any unsafe or damaged equipment and other dangerous occurrences to the authorized• personnel.	-	-	-	-
PC16. Ensure that the correct machine guards are in place.	-	-	-	-
PC17. Use cleaning equipment and methods appropriate for the work to be carried out	-	-	-	-
PC18. <ul style="list-style-type: none">• Carry out work functions in accordance with organizational standards, procedures, policies, rules• and regulations.	-	-	-	-
PC19. <ul style="list-style-type: none">• Apply and follow these policies and procedures within your work practices and inculcate• sustainable consumption practices	-	-	-	-
PC20. <ul style="list-style-type: none">• Actively get involved in improving the performance of the organization in line with their own role• and responsibilities and support adaptation to more environmentally friendly processes.	-	-	-	-
PC21. <ul style="list-style-type: none">• Undertake first-aid, fire-fighting and emergency response training. Also engage & participate to• end gender discrimination & communicate in gender inclusive terms.	-	-	-	-



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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC22. All copies of design work to be maintained in files as well for future reference	-	-	-	-
NOS Total	100	-	-	-



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National Occupational Standards (NOS) Parameters

NOS Code	MSME/AMH/N5307
NOS Name	Introduction to Sports Apparel, Tools/equips. and safety & security at workplace
Sector	Apparel
Sub-Sector	
Occupation	GARMENTS MAKING
NSQF Level	3
Credits	2
Version	1.0
Last Reviewed Date	18/02/2025
Next Review Date	18/02/2028
NSQC Clearance Date	18/02/2025



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MSME/AMH/N5306: Employability Skills I

Description

Employability Skills under NSQF include communication, self-management, ICT, green, and entrepreneurship skills to enhance job readiness, career growth, and adaptability across sectors.

Scope

The scope covers the following :

- Employability Skills under NSQF include communication, self-management, ICT, green, and entrepreneurship skills to enhance job readiness, career growth, and adaptability across sectors.

Elements and Performance Criteria

MSME/ES/01

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

- PC1.** Outline the importance of Employability Skills for the current job market and future of work
- PC2.** List different learning and employability related GOI and private portals and their usage.
- PC3.**
 - Research and prepare a note on different industries, trends, required skills and the available opportunities
- PC4.** Describe the types of entrepreneurship and enterprises
- PC5.**
 - Discuss the process of identifying opportunities for potential business and relevant regulatory and statutory requirements.
- PC6.**
 - Describe the 4Ps of Marketing-Product, Price, Place and Promotion and apply them as per requirement.
- PC7.** Create a sample business plan, for the selected business opportunity.
- PC8.**
 - Discuss various sources of funding and identify associated financial and legal risks with its mitigation plan.
- PC9.** Discuss various financial institutions, products, and services
- PC10.**
 - Demonstrate how to conduct offline and online financial transactions, safely and securely and check passbook/statement.
- PC11.**
 - Explain the common components of salary such as Basic, PF, Allowances (HRA, TA, DA, etc.), tax deductions.
- PC12.** Calculate income and expenditure for budgeting.
- PC13.** Discuss the legal rights, laws, and aids
- PC14.** Describe different types of customers
- PC15.**
 - Role play a situation on how to identify customer needs and respond to them in a professional manner.
- PC16.** Explain various tools used to collect customer feedback.
- PC17.** Discuss the significance of maintaining hygiene and dressing appropriately
- PC18.** Draft a professional Curriculum Vitae (CV)
- PC19.**
 - Use various offline and online job search sources such as employment exchanges, recruitment agencies, and job portals respectively



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- PC20.** • Demonstrate how to apply to identified job openings using offline /online methods as per
• requirement
- PC21.** Discuss how to prepare for an interview
- PC22.** Role play a mock interview
- PC23.** List the steps for searching and registering for apprenticeship opportunities



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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>MSME/ES/01</i>	100	-	-	-
PC1. Outline the importance of Employability Skills for the current job market and future of work	-	-	-	-
PC2. List different learning and employability related GOI and private portals and their usage.	-	-	-	-
PC3. <ul style="list-style-type: none">• Research and prepare a note on different industries, trends, required skills and the available• opportunities	-	-	-	-
PC4. Describe the types of entrepreneurship and enterprises	-	-	-	-
PC5. <ul style="list-style-type: none">• Discuss the process of identifying opportunities for potential business and relevant regulatory• and statutory requirements.	-	-	-	-
PC6. <ul style="list-style-type: none">• Describe the 4Ps of Marketing-Product, Price, Place and Promotion and apply them as per• requirement.	-	-	-	-
PC7. Create a sample business plan, for the selected business opportunity.	-	-	-	-
PC8. <ul style="list-style-type: none">• Discuss various sources of funding and identify associated financial and legal risks with its• mitigation plan.	-	-	-	-
PC9. Discuss various financial institutions, products, and services	-	-	-	-
PC10. <ul style="list-style-type: none">• Demonstrate how to conduct offline and online financial transactions, safely and securely and• check passbook/statement.	-	-	-	-
PC11. <ul style="list-style-type: none">• Explain the common components of salary such as Basic, PF, Allowances (HRA, TA, DA, etc.),• tax deductions.	-	-	-	-



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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC12. Calculate income and expenditure for budgeting.	-	-	-	-
PC13. Discuss the legal rights, laws, and aids	-	-	-	-
PC14. Describe different types of customers	-	-	-	-
PC15. <ul style="list-style-type: none">• Role play a situation on how to identify customer needs and respond to them in a professional• manner.	-	-	-	-
PC16. Explain various tools used to collect customer feedback.	-	-	-	-
PC17. Discuss the significance of maintaining hygiene and dressing appropriately	-	-	-	-
PC18. Draft a professional Curriculum Vitae (CV)	-	-	-	-
PC19. <ul style="list-style-type: none">• Use various offline and online job search sources such as employment exchanges, recruitment• agencies, and job portals respectively	-	-	-	-
PC20. <ul style="list-style-type: none">• Demonstrate how to apply to identified job openings using offline /online methods as per• requirement	-	-	-	-
PC21. Discuss how to prepare for an interview	-	-	-	-
PC22. Role play a mock interview	-	-	-	-
PC23. List the steps for searching and registering for apprenticeship opportunities	-	-	-	-
NOS Total	100	-	-	-



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National Occupational Standards (NOS) Parameters

NOS Code	MSME/AMH/N5306
NOS Name	Employability Skills I
Sector	Apparel
Sub-Sector	
Occupation	GARMENTS MAKING
NSQF Level	3
Credits	1
Version	1.0
Last Reviewed Date	18/02/2025
Next Review Date	18/02/2028
NSQC Clearance Date	18/02/2025



Qualification Pack

MSME/AMH/N5305: Fabric Selection, Measurement, Designing & Pattern Making

Description

Fabric selection ensures suitable material, measurement provides accuracy, designing shapes creative ideas, and pattern making converts concepts into practical garment templates.

Scope

The scope covers the following :

- Fabric selection ensures suitable material, measurement provides accuracy, designing shapes creative ideas, and pattern making converts concepts into practical garment templates.

Elements and Performance Criteria

MSME/SAM/02 & Version 1.0

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

- PC1.** Important aspects in fabric selection of Sports Apparel manufacturing
- PC2.** Types of fabric use in sports apparel making
- PC3.** Selection of fabric according to sports
- PC4.**
 - Understanding the sizing chart with measurements corresponding to different sizes (XS, S, M, L, etc.)
- PC5.** Methods of taking measurements on the body
- PC6.** Taking measurements of over garments.
- PC7.**
 - Drafting, pattern making, and layout of various type of Sports Apparel like joggers, Shorts, Tops and Tees, etc
- PC8.** Practice of developing dress pattern from Draping Technique.
- PC9.** Sequence of recording measurements
- PC10.** Introduction and importance of designing through CAD.
- PC11.** Use of CAD in drafting Sports Apparel and its accessories.
- PC12.** Demonstrate and apply different types of commands and tools.
- PC13.** Create Bodice Block Set & Patterns and construct samples of Design Details
- PC14.** Illustrate and Draw Garment & Accessories design with the help of CAD.



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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>MSME/SAM/02 & Version 1.0</i>	-	80	-	20
PC1. Important aspects in fabric selection of Sports Apparel manufacturing	-	-	-	-
PC2. Types of fabric use in sports apparel making	-	-	-	-
PC3. Selection of fabric according to sports	-	-	-	-
PC4. <ul style="list-style-type: none">• Understanding the sizing chart with measurements corresponding to different sizes (XS, S, M, L, etc.)	-	-	-	-
PC5. Methods of taking measurements on the body	-	-	-	-
PC6. Taking measurements of over garments.	-	-	-	-
PC7. <ul style="list-style-type: none">• Drafting, pattern making, and layout of various type of Sports Apparel like joggers, Shorts, Tops and Tees, etc	-	-	-	-
PC8. Practice of developing dress pattern from Draping Technique.	-	-	-	-
PC9. Sequence of recording measurements	-	-	-	-
PC10. Introduction and importance of designing through CAD.	-	-	-	-
PC11. Use of CAD in drafting Sports Apparel and its accessories.	-	-	-	-
PC12. Demonstrate and apply different types of commands and tools.	-	-	-	-
PC13. Create Bodice Block Set & Patterns and construct samples of Design Details	-	-	-	-
PC14. Illustrate and Draw Garment & Accessories design with the help of CAD.	-	-	-	-



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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
NOS Total	-	80	-	20



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National Occupational Standards (NOS) Parameters

NOS Code	MSME/AMH/N5305
NOS Name	Fabric Selection, Measurement, Designing & Pattern Making
Sector	Apparel
Sub-Sector	
Occupation	GARMENTS MAKING
NSQF Level	3
Credits	3
Version	1.0
Last Reviewed Date	18/02/2025
Next Review Date	18/02/2028
NSQF Clearance Date	18/02/2025



Qualification Pack

MSME/AMH/N5304: Drafting, Layering and Cutting the Fabric

Description

Drafting creates garment outlines, layering arranges fabric for precision, and cutting shapes pieces accurately, ensuring proper fit, efficiency, and quality in apparel production.

Scope

The scope covers the following :

- Drafting creates garment outlines, layering arranges fabric for precision, and cutting shapes pieces accurately, ensuring proper fit, efficiency, and quality in apparel production.

Elements and Performance Criteria

MSME/SAM/04 & Version 1.0

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

- PC1.** Identify and differentiate between different kinds of wear forms (Sports)
- PC2.** • Take body measurement or measurement of the available sample physically or Digitally make
• available the pattern with the help of CAD Software.
- PC3.** Lay the fabric on the table in accordance with fabric grain line, designs, checks or Plains, etc.
- PC4.** Place the cut components of paper pattern for cutting the cloth
- PC5.** Select the appropriate tools & materials for cutting
- PC6.** • Measure and confirm the length and width of the material/ fabric and ensure the fabric/material
• wastage is minimum before starting to cut.
- PC7.** Cut the various garment components with precision with the help of Pattern Paper
- PC8.** Organize cut components in a suitable bundle tied together to ensure there is no mix-up.



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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>MSME/SAM/04 & Version 1.0</i>	-	80	-	20
PC1. Identify and differentiate between different kinds of wear forms (Sports)	-	-	-	-
PC2. <ul style="list-style-type: none">• Take body measurement or measurement of the available sample physically or Digitally make• available the pattern with the help of CAD Software.	-	-	-	-
PC3. Lay the fabric on the table in accordance with fabric grain line, designs, checks or Plains, etc.	-	-	-	-
PC4. Place the cut components of paper pattern for cutting the cloth	-	-	-	-
PC5. Select the appropriate tools & materials for cutting	-	-	-	-
PC6. <ul style="list-style-type: none">• Measure and confirm the length and width of the material/ fabric and ensure the fabric/material• wastage is minimum before starting to cut.	-	-	-	-
PC7. Cut the various garment components with precision with the help of Pattern Paper	-	-	-	-
PC8. Organize cut components in a suitable bundle tied together to ensure there is no mix-up.	-	-	-	-
NOS Total	-	80	-	20



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National Occupational Standards (NOS) Parameters

NOS Code	MSME/AMH/N5304
NOS Name	Drafting, Layering and Cutting the Fabric
Sector	Apparel
Sub-Sector	
Occupation	GARMENTS MAKING
NSQF Level	3
Credits	2
Version	1.0
Last Reviewed Date	18/02/2025
Next Review Date	18/02/2028
NSQF Clearance Date	18/02/2025



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MSME/AMH/N5303: Stitching activities of Sports Apparel

Description

After completion of course Student should be able to Check that the materials to be used are free from faults Check whether the marking and cutting of the fabric and component is done correctly as per the requirement Examining the specific item to identifying what type of stitching is best suited Setting machine controls for the materials being stitched Handling materials, machinery, equipment and tools safely and correctly Stitching the correct materials in the right sequence as required by the production specification Carry out hand sewing if required (kaj making, button fixing, hemming, or basic embroidery etc.)

Scope

The scope covers the following :

- After completion of course Student should be able to
- Check that the materials to be used are free from faults
- Check whether the marking and cutting of the fabric and component is done correctly as per the requirement
- Examining the specific item to identifying what type of stitching is best suited
- Setting machine controls for the materials being stitched
- Handling materials, machinery, equipment and tools safely and correctly
- Stitching the correct materials in the right sequence as required by the production specification
- Carry out hand sewing if required (kaj making, button fixing, hemming, or basic embroidery etc.)

Elements and Performance Criteria

MSME/SAM/05 & Version 1.0

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

- PC1.** • Follow the instructions as written on the work ticket/ job card in line with the responsibilities of respective job role.
- PC2.** • Seek information on the tasks which are not clear, simultaneously reviewing instructions with supervisor
- PC3.** Check that equipment is safe and set up in readiness for use
- PC4.** Select the correct component parts for the style being worked on
- PC5.** Check that the materials to be used are free from faults
- PC6.** • Ensure the materials used meet the specification matching within a product and between a pair of products where applicable
- PC7.** Carry out test sews
- PC8.** Check needles and threads regularly
- PC9.** • Check whether the marking and cutting of the fabric and component is done correctly as per the requirement
- Ensure the fabric pieces and linings are pinned or sewn together as required, and appropriately hung
- in readiness for assembly.



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- PC10.** Carrying out work functions in line with the job responsibilities
- PC11.** • Examining the specific item to identifying what type of stitching is best suited, otherwise
• stitching shall be done as per available instructions
- PC12.** Estimating the expected length of time for the process.
- PC13.** • Using the correct machine, tools (e.g.: attachments, threads, needle, Scissors, Measuring
• tapes and rulers) and equipment
- PC14.** Setting machine controls for the materials being stitched.
- PC15.** Handling materials, machinery, equipment and tools safely and correctly
- PC16.** Cutting the thread appropriately.
- PC17.** Threading the needle in the machine and adjust the needle as per the requirements.
- PC18.** Performing a test run to ensure machine is operating correctly
- PC19.** Optimizing the positioning and layout of materials to ensure a smooth and rapid throughput
- PC20.** • Stitching the correct materials in the right sequence as required by the production
• specification
- PC21.** • Carry out hand sewing if required (kaj making, button fixing, hemming, or basic embroidery
• etc.)
- PC22.** • Ensuring stitched products meets specification in terms of labels and trimmings and conforms
• to the shape and size requirement
- PC23.** Passing the stitched item to the next stage in the manufacturing process after validation
- PC24.** Responding accordingly where stitched items do not meet production specification
- PC25.** • Sorting and placing work to assist the next stage of production and minimize the risk of
• damage
- PC26.** Leaving work area safe and secure when work is complete
- PC27.** Complete documentation.



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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>MSME/SAM/05 & Version 1.0</i>	-	80	-	20
PC1. • Follow the instructions as written on the work ticket/ job card in line with the responsibilities • of respective job role.	-	-	-	-
PC2. • Seek information on the tasks which are not clear, simultaneously reviewing instructions with • supervisor	-	-	-	-
PC3. Check that equipment is safe and set up in readiness for use	-	-	-	-
PC4. Select the correct component parts for the style being worked on	-	-	-	-
PC5. Check that the materials to be used are free from faults	-	-	-	-
PC6. • Ensure the materials used meet the specification matching within a product and between a • pair of products where applicable	-	-	-	-
PC7. Carry out test sews	-	-	-	-
PC8. Check needles and threads regularly	-	-	-	-
PC9. • Check whether the marking and cutting of the fabric and component is done correctly as per • the requirement • Ensure the fabric pieces and linings are pinned or sewn together as required, and appropriately hung • in readiness for assembly.	-	-	-	-
PC10. Carrying out work functions in line with the job responsibilities	-	-	-	-
PC11. • Examining the specific item to identifying what type of stitching is best suited, otherwise • stitching shall be done as per available instructions	-	-	-	-



Qualification Pack

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC12. Estimating the expected length of time for the process.	-	-	-	-
PC13. <ul style="list-style-type: none">Using the correct machine, tools (e.g.: attachments, threads, needle, Scissors, Measuring tapes and rulers) and equipment	-	-	-	-
PC14. Setting machine controls for the materials being stitched.	-	-	-	-
PC15. Handling materials, machinery, equipment and tools safely and correctly	-	-	-	-
PC16. Cutting the thread appropriately.	-	-	-	-
PC17. Threading the needle in the machine and adjust the needle as per the requirements.	-	-	-	-
PC18. Performing a test run to ensure machine is operating correctly	-	-	-	-
PC19. Optimizing the positioning and layout of materials to ensure a smooth and rapid throughput	-	-	-	-
PC20. <ul style="list-style-type: none">Stitching the correct materials in the right sequence as required by the productionspecification	-	-	-	-
PC21. <ul style="list-style-type: none">Carry out hand sewing if required (kaj making, button fixing, hemming, or basic embroideryetc.)	-	-	-	-
PC22. <ul style="list-style-type: none">Ensuring stitched products meets specification in terms of labels and trimmings and conformsto the shape and size requirement	-	-	-	-
PC23. Passing the stitched item to the next stage in the manufacturing process after validation	-	-	-	-
PC24. Responding accordingly where stitched items do not meet production specification	-	-	-	-



Qualification Pack

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC25. <ul style="list-style-type: none">• Sorting and placing work to assist the next stage of production and minimize the risk of• damage	-	-	-	-
PC26. Leaving work area safe and secure when work is complete	-	-	-	-
PC27. Complete documentation.	-	-	-	-
NOS Total	-	80	-	20



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	MSME/AMH/N5303
NOS Name	Stitching activities of Sports Apparel
Sector	Apparel
Sub-Sector	
Occupation	GARMENTS MAKING
NSQF Level	3
Credits	4
Version	1.0
Last Reviewed Date	18/02/2025
Next Review Date	18/02/2028
NSQF Clearance Date	18/02/2025



Qualification Pack

MSME/AMH/N5302: Maintaining quality during Stitching Operations

Description

After completion of course, Student should be able to Identify faults in materials and components Take the necessary action when materials do not conform to company quality standards Identify modifiable defects and rework on them Inspecting stitched products against specifications and Identifying mark and place rejects in the designated locations.

Scope

The scope covers the following :

- After completion of course, Student should be able to
- Identify faults in materials and components
- Take the necessary action when materials do not conform to company quality standards
- Identify modifiable defects and rework on them
- Inspecting stitched products against specifications and Identifying mark and place rejects in the
- designated locations.

Elements and Performance Criteria

MSME/SAM/03 & Version 1.0

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

- PC1.** Identify and use materials required based on the job card/ work ticket
- PC2.** Take the necessary action when materials do not conform to company quality standards
- PC3.**
- Report and replace identified faulty materials and component parts which do not meet
 - specification
- PC4.** Identify modifiable defects and rework on them
- PC5.** Report to the responsible person when the work flow of other production areas disrupts work
- PC6.** Test, sort, track feed and examine work in progress.
- PC7.** Carry out quality checks at specified intervals according to instructions.
- PC8.** Apply the allowed tolerances
- PC9.**
- Identify faults in materials and components for crease, stains, damage etc. and incorrectly made
 - up component parts and take appropriate action for rectification
- PC10.** Adjust promptly to return product to specification.
- PC11.**
- Inspecting stitched products against specifications and Identifying mark and place rejects in the
 - designated locations.
- PC12.** Checking fitting of final garment with respect to measurement and stitching.
- PC13.** Record required alteration needs and instructions on tags or labels and attach them to garments.
- PC14.** Carry out alterations as per records and requirement of customer.



Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>MSME/SAM/03 & Version 1.0</i>	-	80	-	20
PC1. Identify and use materials required based on the job card/ work ticket	-	-	-	-
PC2. Take the necessary action when materials do not conform to company quality standards	-	-	-	-
PC3. <ul style="list-style-type: none">Report and replace identified faulty materials and component parts which do not meetspecification	-	-	-	-
PC4. Identify modifiable defects and rework on them	-	-	-	-
PC5. Report to the responsible person when the work flow of other production areas disrupts work	-	-	-	-
PC6. Test, sort, track feed and examine work in progress.	-	-	-	-
PC7. Carry out quality checks at specified intervals according to instructions.	-	-	-	-
PC8. Apply the allowed tolerances	-	-	-	-
PC9. <ul style="list-style-type: none">Identify faults in materials and components for crease, stains, damage etc. and incorrectly madeup component parts and take appropriate action for rectification	-	-	-	-
PC10. Adjust promptly to return product to specification.	-	-	-	-
PC11. <ul style="list-style-type: none">Inspecting stitched products against specifications and Identifying mark and place rejects in thedesignated locations.	-	-	-	-
PC12. Checking fitting of final garment with respect to measurement and stitching.	-	-	-	-



Qualification Pack

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC13. Record required alteration needs and instructions on tags or labels and attach them to garments.	-	-	-	-
PC14. Carry out alterations as per records and requirement of customer.	-	-	-	-
NOS Total	-	80	-	20



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	MSME/AMH/N5302
NOS Name	Maintaining quality during Stitching Operations
Sector	Apparel
Sub-Sector	
Occupation	GARMENTS MAKING
NSQF Level	3
Credits	2
Version	1.0
Last Reviewed Date	18/02/2025
Next Review Date	18/02/2028
NSQF Clearance Date	18/02/2025



Qualification Pack

MSME/AMH/N5301: OJT I

Description

On-the-Job Training (OJT) provides hands-on experience at the workplace, enhancing practical skills, industry knowledge, and confidence while bridging the gap between theory and real work

Scope

The scope covers the following :

- On-the-Job Training (OJT) provides hands-on experience at the workplace, enhancing practical skills, industry knowledge, and confidence while bridging the gap between theory and real work

Elements and Performance Criteria

OJT-SPORTS APPAREL MAKER

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

PC1. VIVA VOCE



Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>OJT-SPORTS APPAREL MAKER</i>	-	-	-	100
PC1. VIVA VOCE	-	-	-	-
NOS Total	-	-	-	100



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	MSME/AMH/N5301
NOS Name	OJT I
Sector	Apparel
Sub-Sector	
Occupation	GARMENTS MAKING
NSQF Level	3
Credits	1
Version	1.0
Last Reviewed Date	18/02/2025
Next Review Date	18/02/2028
NSQC Clearance Date	18/02/2025

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.)

Assessment Weightage

Compulsory NOS



Qualification Pack

National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
MSME/AMH/N5307.Introduction to Sports Apparel, Tools/equips. and safety & security at workplace	100	-	-	-	100	20
MSME/AMH/N5306.Employability Skills I	100	-	-	-	100	20
MSME/AMH/N5305.Fabric Selection, Measurement, Designing & Pattern Making	-	80	-	20	100	15
MSME/AMH/N5304.Drafting, Layering and Cutting the Fabric	-	80	-	20	100	15
MSME/AMH/N5303.Stitching activities of Sports Apparel	-	80	-	20	100	10
MSME/AMH/N5302.Maintaining quality during Stitching Operations	-	80	-	20	100	10
MSME/AMH/N5301.OJT I	-	-	-	100	100	10
Total	200	320	-	180	700	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.