Model Curriculum

QP Name: Apparel Quality Analyst

QP Code:AMH/Q0104

QP Version: 1.0

NSQF Level: 5

Model Curriculum Version: 1.0

Apparel, Made-ups & Home Furnishing Sector Skill Council |Flat No. A312 To A323, Third Floor Somdatt Chamber –I Bikhaji Cama Place, Africa Avenue New Delhi-110066,

Table of Contents

Training Parameters

Sector	**Apparels**
Sub-Sector	Apparel, Made-Ups & Home Furnishing
Occupation	Quality Assurance
Country	India
NSQFLevel	5
Aligned to NCO/ISCO/ISIC Code	NCO-2015/NIL
Minimum Educational Qualification and Experience	• UG diploma or equivalent with 06 month relevant experience in quality assurance OR • UG Certificate or equivalent with 1.5 Years of relevant experience in quality assurance OR • 12th Grade Pass with 03 Years of relevant experience in quality assurance OR • Previous relevant qualification of NSQF Level 4 with 03 Years of relevant experience in quality assurance
Pre-Requisite License or Training	NA
Minimum Job Entry Age	21 Years
Last Reviewed On	13-02-2026
Next Review Date	13-02-2029
NSQC Approval Date	13-02-2026
QP Version	1.0
Model Curriculum Creation Date	01-02-2026
Model Curriculum Valid Up to Date	13-02-2029
Model Curriculum Version	1.0
Minimum Duration of the Course	510
Maximum Duration of the Course	510

Program Overview

This section summarizes the end objectives of the program along with its duration.

Training Outcomes

At the end of the program, the learner should have acquired the listed knowledge and skills.

- Introduction to Apparel Quality Analyst.
- Analyze and Classify Garment Defects in Apparel Production
- Explain conventional and modern quality assurance methodologies used in apparel production.
- Apply AI-based inspection and data analysis tools to identify defects and monitor process quality.
- Integrate Digital and AI Tools in Quality Assurance Systems.
- Develop corrective and preventive action (CAPA) plans integrating digital tools and lean quality systems.
- Maintain health, safety and security at workplace.
- Comply with industry, regulatory and organizational requirements.
- Soft Skills: Bridge Module

Compulsory Modules

The table lists the modules, their duration and mode of delivery.

NOS and Module Details	Theory Duration	Practical Duration	On-the-Job Training Duration (Mandatory)	On-the-Job Training Duration (Recommended)	Total Duration
AMH/N0108: Analyze and Classify Garment Defects in Apparel Production **NOS Version- 1.0** **NSQF Level- 5**	**30.00**	**30.00**	**60.00**	**0.00**	**60.00**
Module Name 1: Introduction (Bridge Module)	3.00	0.00	0.00	0.00	3.00
Module Name 2: Analyze Data and Prepare Quality Insights Reports	18.00	19.00	0.00	0.00	37.00
AMH/N0109: Analyze Data and Prepare Quality Insights Reports **NOS Version- 1.0** **NSQF Level- 5**	**15.00**	**15.00**	**30.00**	**0.00**	**60.00**
Module Name 3: Analyze Data and Prepare Quality Insights Reports	15.00	15.00	30.00	0.00	60.00
AMH/N0110: Integrate Digital and AI Tools in Quality Assurance Systems **NOS Version- 1.0** **NSQF Level- 5**	**21.00**	**39.00**	**0.00**	**0.00**	**60.00**

Module Name 4: Integrate Digital and AI Tools in Quality Assurance Systems	21.00	39.00	0.00	0.00	60.00
AMH/N0111: Utilize AI-Based Analytics for Quality Monitoring **NOS Version- 1.0** **NSQF Level- 5**	**30.00**	**30.00**	**00.00**	**0.00**	**60.00**
Module Name 5: Utilize AI-Based Analytics for Quality Monitoring	30.00	30.00	0.00	0.00	60.00
AMH/N0112: Apply Quality Control Tools and Techniques **NOS Version- 1.0** **NSQF Level- 5**	**30.00**	**30.00**	**30.00**	**0.00**	**90.00**
Module Name 6: Apply Quality Control Tools and Techniques	30.00	30.00	30.00	0.00	90.00
AMH/N0113: Document, Report, and Visualize Quality Data **NOS Version- 1.0** **NSQF Level- 5**	**30.00**	**30.00**	**0.00**	**0.00**	**60.00**
Module Name 7: Document, Report, and Visualize Quality Data	30.00	30.00	0.00	0.00	60.00
AMH/N0620: Promote and sustain safety, health, and security in workplace, while fostering Gender and Persons with Disabilities (PwD) Sensitization **NOS Version- 1.0** **NSQF Level- 5**	**15.00**	**15.00**	**0.00**	**0.00**	**30.00**
Module 8: AMH/N0620: Promote and sustain safety, health, and security in workplace, while fostering Gender and Persons with Disabilities (PwD) Sensitization	15.00	15.00	0.00	0.00	30.00
AMH/N0621: Adhere to industry, regulatory, and organizational standards and embrace environmentally sustainable practices **NOS Version- 1.0** **NSQF Level- 5**	**15.00**	**15.00**	**0.00**	**0.00**	**30.00**
Module Name 9: AMH/N0621: Adhere to industry, regulatory, and organizational standards and embrace environmentally sustainable practices	15.00	15.00	0.00	0.00	30.00
DGT/VSQ/N0102: Employability Skills **NOS Version- 1.0** **NSQF Level- 4**	**24.00**	**36.00**	**0.00**	**0.00**	**60.00**
Module 10: Employability Skills	24.00	36.00	0.00	0.00	60.00
Total Duration	**210.00**	**240.00**	**60.00**	**0.00**	**510.00**

Module Details

Module Name 1: Introduction and Orientation to Apparel Quality Analyst

Mapped to Bridge Module

Terminal Outcomes:

- Describe the size and scope of the apparel industry.
- Explain the roles and responsibilities of a 'Apparel Quality-Analyst'.
- Describe various employment opportunities for a 'Apparel Quality Analyst' in the apparel industry.

Duration: *<03:00>*	**Duration**: *<00:00>*
Theory – Key Learning Outcomes	**Practical – Key Learning Outcomes**
• Describe the size and scope of the apparel industry. • Describe various employment opportunities for a 'Apparel Quality Analyst' in the apparel industry. • Explain the roles and responsibilities of a 'Apparel Quality Analyst'. • Describe the apparel production process and the role that the 'Apparel Quality Analyst' plays in the process.	
Classroom Aids:	
Charts, Models, Flip Chart, White-Board/Smart Board, Marker, Duster	
Tools, Equipment and Other Requirements	
White /black Board with Marker & Chalk, Duster	

Module Name 2: Analyze and Classify Garment Defects in Apparel Production

Mapped to AMH/N0108 (version 1.0)

Terminal Outcomes:

- Identify and recognize common garment defects.
- Explain the methods of handling the defects.
- Differentiate and classify garment defects as major or minor based on defect type, frequency, and severity according to quality standards.
- Analyze inspection reports and defect data to detect patterns, determine root causes, and correlate defects with fabric or process issues.
- Explain the process involved in the production of products like garments.
- Develop and maintain visual defect classification boards, SOPs, and digital traceability systems for standardized quality documentation.

Duration: 27:00	*Duration: 30:00*
Theory – Key Learning Outcomes	**Practical – Key Learning Outcomes**
• Differentiate between major and minor defects based on severity and quality standards.	• Inspect the work area for any type of hazardous material.

• Categorize defects by type, frequency, and garment section. • Interpret reports to identify defect patterns and production trends. • Correlate fabric issues with garment defects and their root causes. • Evaluate defect impact on garment aesthetics, functionality, and customer satisfaction. • Benchmark internal garment defect rates against industry standards.	• Identify and record common garment defects (e.g., puckering, open seam, misalignment) during audits. • Document defects with photos, timestamps, and corrective notes for traceability. • Develop visual defect classification boards and standard operating procedures (SOPs). • Validate repaired garments against defect resolution criteria to ensure compliance.
Classroom Aids:	
Charts, Models, Flip Chart, White-Board/Smart Board, Marker, Duster	
Tools, Equipment, and Other Requirements Tech pack /spec sheet/trim card/size chart ,reference garment, made-ups and home furnishing samples, historic data on previous styles, bobbin, bobbin case, sewing needles, pins etc, defect marking materials, (stickers / colour coded stickers / tags), aql checklist and quality standards, basic stationary (pen, pencil, paper),record maintenance sheet & reporting format, dress form(preferably woman, size m),machine tool kit (screw driver, screw etc.),operation bulletin ,garment templates, lab dips/strike off/pit loom samples, checking table, boxes for storage of assessed pieces, industrial snls sewing machine and stools, industrial dnls sewing machine,5 thread overlock sewing machine and stools, flatlock machine or other specialized sewing machines and stools, teacher's chair & table, trainees stools, students chairs with table arms ,dust bin, first aid & fire extinguisher, sewing kit(measuring tape, trimmer, projector / lcd, scissors stationary set (note book, eraser, pencil etc) ,scale, variety (eg: straight etc, depending on type of garments etc), hanger (wood or plastic),previous inspection reports, washing samples, grey scale defect list, shrinkage test marker, dexterity test kit, sewing thread(surplus, eg: cotton as per req),fabric(surplus, muslin compulsory, other types as per req) trims and accessories, color check light box(color matching cabinet),pantone shade card, students notes/ manuals.	

Module Name 3: Analyze Data and Prepare Quality Insights Reports

Mapped to AMH/N0109 (version1.0)

Terminal Outcomes:

Duration: 15:00	*Duration: 15:00*
Theory – Key Learning Outcomes	**Practical – Key Learning Outcomes**
• Maintain the documents of production and • inspection. • Explain the hierarchy followed in an industry. • Explain the steps involved in monitoring the quality during various stages of production.	• Inspect various types of raw materials for any defect. • Check that the fabric and other raw material meet the specified quality standard. • Inspect the accuracy of pattern and template before cutting of fabric. • Check the accuracy of the template before cutting the fabric. • Check the setting of the machines and the attachments as per the required production standard • Prepare he control chart. • Analyse the details in documents related to production and inspection like trim card, measurement chart, types of samples. • Complete the required documents related to production and inspection.
Classroom Aids:	
Charts, Models, Flip Chart, White-Board/Smart Board, Marker, Duster	

Tools, Equipment, and Other Requirements
Tech pack /spec sheet/trim card/size chart ,reference garment, made-ups and home furnishing samples, historic data on previous styles, bobbin, bobbin case, sewing needles, pins etc, defect marking materials, (stickers / colour coded stickers / tags), aql checklist and quality standards, basic stationary (pen, pencil, paper),record maintenance sheet & reporting format, dress form(preferably woman, size m),machine tool kit (screw driver, screw etc.),operation bulletin ,garment templates, lab dips/strike off/pit loom samples, checking table, boxes for storage of assessed pieces, industrial snls sewing machine and stools, industrial dnls sewing machine,5 thread overlock sewing machine and stools, flatlock machine or other specialized sewing machines and stools, teacher's chair & table, trainees stools, students chairs with table arms ,dust bin, first aid & fire extinguisher, sewing kit(measuring tape, trimmer, projector / lcd, scissors stationary set (note book, eraser, pencil etc) ,scale, variety (eg: straight etc, depending on type of garments etc), hanger (wood or plastic),previous inspection reports, washing samples, grey scale defect list, shrinkage test marker, dexterity test kit, sewing thread(surplus, eg: cotton as per req),fabric(surplus, muslin compulsory, other types as per req) trims and accessories, color check light box(color matching cabinet),pantone shade card, students notes/ manuals.

Module Name 4: Integrate Digital and AI Tools in Quality Assurance Systems

Mapped to AMH/N0110 (version 1.0)

Terminal Outcomes:

- Explain the role of digital and AI-enabled tools in monitoring and improving apparel quality.
- Use AI-based inspection systems and digital dashboards to detect defects and track production quality metrics.
- Evaluate production data generated by AI tools to identify patterns, defect trends, and root causes.
- Assess the effectiveness of AI-integrated quality assurance systems in reducing defects and improving efficiency.
- Develop data-driven reports and implement corrective actions using insights from digital and AI-enabled quality tools.

Duration: 21:00	*Duration: 39:00*
Theory – Key Learning Outcomes	**Practical – Key Learning Outcomes**
• Explain the concepts and importance of digital and AI tools in apparel quality assurance. • Describe different types of AI-based inspection systems and their applications in defect detection. • Interpret production and quality data generated by AI-enabled tools to identify patterns and trends. • Assess the impact of AI integration on reducing defects, improving efficiency, and meeting quality standards. • Discuss industry standards and compliance requirements relevant to digital quality assurance systems.	• Operate AI-enabled inspection systems and digital dashboards to monitor apparel quality in real-time. • Examine production outputs and defect reports generated by AI tools to identify root causes. • Implement corrective and preventive actions based on AI-driven insights to maintain quality standards. • Generate data-driven reports and visual dashboards for management review. • Integrate digital and AI tools with conventional quality assurance processes to enhance overall efficiency.
Classroom Aids:	
Charts, Models, Flip Chart, White-Board/Smart Board, Marker, Duster	
Tools, Equipment, and Other Requirements	

Tech pack /spec sheet/trim card/size chart ,reference garment, made-ups and home furnishing samples, historic data on previous styles, bobbin, bobbin case, sewing needles, pins etc, defect marking materials, (stickers / colour coded stickers / tags), aql checklist and quality standards, basic stationary (pen, pencil, paper),record maintenance sheet & reporting format, dress form(preferably woman, size m),machine tool kit (screw driver, screw etc.),operation bulletin ,garment templates, lab dips/strike off/pit loom samples, checking table, boxes for storage of assessed pieces, industrial snls sewing machine and stools, industrial dnls sewing machine,5 thread overlock sewing machine and stools, flatlock machine or other specialized sewing machines and stools, teacher's chair & table, trainees stools, students chairs with table arms ,dust bin, first aid & fire extinguisher, sewing kit(measuring tape, trimmer, projector / lcd, scissors stationary set (note book, eraser, pencil etc) ,scale, variety (eg: straight etc, depending on type of garments etc), hanger (wood or plastic),previous inspection reports, washing samples, grey scale defect list, shrinkage test marker, dexterity test kit, sewing thread(surplus, eg: cotton as per req),fabric(surplus, muslin compulsory, other types as per req) trims and accessories, color check light box(color matching cabinet),pantone shade card, students notes/ manuals.

Module Name 5: Utilize AI- Based Analytics for Quality Monitoring

Mapped to AMH/N0111 (version 1.0)

Terminal Outcomes:

- Explain the principles of AI-based analytics and its application in monitoring apparel quality.
- Operate AI-driven systems to capture and track production quality metrics in real-time.
- Examine AI-generated data to identify defect trends, production bottlenecks, and quality deviations.
- Assess the effectiveness of AI-based monitoring systems in reducing defects and improving compliance with quality standards.
- Generate actionable, data-driven insights and reports to guide corrective and preventive quality actions.

Duration: 30:00	*Duration: 30:00*
Theory – Key Learning Outcomes	**Practical – Key Learning Outcomes**
• Explain the fundamentals of AI-based analytics and its relevance to quality monitoring in apparel production. • Describe types of AI tools and software used for real-time quality tracking. • Interpret quality data generated by AI systems to detect trends, deviations, and recurring defects. • Assess the role of AI analytics in improving product quality, reducing defects, and enhancing operational efficiency. • Discuss industry quality standards and compliance requirements applicable to AI-enabled monitoring.	• Operate AI-based analytics tools to monitor production quality in real-time. • Examine AI-generated reports to identify defect patterns, process inefficiencies, and quality deviations. • Implement corrective and preventive actions based on insights derived from AI analytics. • Generate structured, data-driven reports and visual dashboards for management review. • Integrate AI-based monitoring with conventional quality assurance methods to enhance overall process efficiency. • Track key performance indicators (KPIs) such as defect rates, compliance adherence, and process effectiveness using AI tools. • Coordinate with production and quality teams to ensure insights from AI analytics are effectively applied. • Conduct scenario-based analysis using AI data to predict potential quality issues and plan preventive measures.
Classroom Aids:	
Charts, Models, Flip Chart, White-Board/Smart Board, Marker, Duster	

Tools, Equipment, and Other Requirements
Tech pack /spec sheet/trim card/size chart ,reference garment, made-ups and home furnishing samples, historic data on previous styles, bobbin, bobbin case, sewing needles, pins etc, defect marking materials, (stickers / colour coded stickers / tags), aql checklist and quality standards, basic stationary (pen, pencil, paper),record maintenance sheet & reporting format, dress form(preferably woman, size m),machine tool kit (screw driver, screw etc.),operation bulletin ,garment templates, lab dips/strike off/pit loom samples, checking table, boxes for storage of assessed pieces, industrial snls sewing machine and stools, industrial dnls sewing machine,5 thread overlock sewing machine and stools, flatlock machine or other specialized sewing machines and stools, teacher's chair & table, trainees stools, students chairs with table arms ,dust bin, first aid & fire extinguisher, sewing kit(measuring tape, trimmer, projector / lcd, scissors stationary set (note book, eraser, pencil etc) ,scale, variety (eg: straight etc, depending on type of garments etc), hanger (wood or plastic),previous inspection reports, washing samples, grey scale defect list, shrinkage test marker, dexterity test kit, sewing thread(surplus, eg: cotton as per req),fabric(surplus, muslin compulsory, other types as per req) trims and accessories, color check light box(color matching cabinet),pantone shade card, students notes/ manuals.

Module Name 6: Apply Quality Control Tools and Techniques
Mapped to AMH/N0112 (version 1.0)

Terminal Outcomes:

- Explain fundamental quality control (QC) concepts, methodologies, and their significance in apparel production.
- Use QC tools such as Pareto charts, Ishikawa (Fishbone) diagrams, and check sheets to monitor and control quality.
- Examine production data to identify defects, trends, and deviations from quality standards.
- Assess the effectiveness of implemented quality control measures and recommend improvements.
- Develop corrective and preventive action plans (CAPA) using insights from QC tools to enhance overall product quality.

Duration: 30:00	*Duration: 30:00*
Theory – Key Learning Outcomes	**Practical – Key Learning Outcomes**
• Explain the purpose and methodology of Root Cause Analysis (RCA) using defect data, process flows, and operator feedback. • Describe Cause-and-Effect (Ishikawa) diagrams, Pareto charts, histograms, control charts, scatter diagrams, and their applications in quality analysis. • Interpret DMAIC, SIPOC, and FMEA frameworks for structured quality improvement in apparel production. • Explain process capability metrics (Cp/Cpk) and their role in assessing compliance with quality specifications. • Discuss 5S, Kaizen, and visual control systems for maintaining organized, efficient, and proactive quality monitoring. • Describe check sheets, flow charts, and standardized inspection formats for documenting and communicating quality data.	• Perform structured Root Cause Analysis (RCA) using combined defect data, process flows, and operator feedback to isolate systemic issues. • Apply Ishikawa diagrams to investigate root causes of critical garment defects. • Evaluate Pareto charts to prioritize high-frequency defects for corrective action. • Analyze histograms and control charts to assess process stability and variation. • Develop scatter diagrams to examine relationships such as machine type versus defect rate. • Maintain check sheets and flow charts for quality data tracking and SOP visualization. • Apply DMAIC framework to resolve high-defect production issues. • Create SIPOC diagrams to map quality-related processes end-to-end. • Apply FMEA to identify and rank potential failure points in production processes.

	• Conduct Gage R&R studies to ensure inspection methods and staff yield accurate results. • Evaluate Cp/Cpk values to determine if production meets quality specifications. • Implement Control Plans to sustain improvements post-intervention. • Conduct 5S audits and organize Kaizen events for continuous quality enhancement. • Create visual control systems and standardized inspection scoring formats for proactive operator monitoring.
Classroom Aids:	
Charts, Models, Flip Chart, White-Board/Smart Board, Marker, Duster	
Tools, Equipment, and Other Requirements Tech pack /spec sheet/trim card/size chart ,reference garment, made-ups and home furnishing samples, historic data on previous styles, bobbin, bobbin case, sewing needles, pins etc, defect marking materials, (stickers / colour coded stickers / tags), aql checklist and quality standards, basic stationary (pen, pencil, paper),record maintenance sheet & reporting format, dress form(preferably woman, size m),machine tool kit (screw driver, screw etc.),operation bulletin ,garment templates, lab dips/strike off/pit loom samples, checking table, boxes for storage of assessed pieces, industrial snls sewing machine and stools, industrial dnls sewing machine,5 thread overlock sewing machine and stools, flatlock machine or other specialized sewing machines and stools, teacher's chair & table, trainees stools, students chairs with table arms ,dust bin, first aid & fire extinguisher, sewing kit(measuring tape, trimmer, projector / lcd, scissors stationary set (note book, eraser, pencil etc) ,scale, variety (eg: straight etc, depending on type of garments etc), hanger (wood or plastic),previous inspection reports, washing samples, grey scale defect list, shrinkage test marker, dexterity test kit, sewing thread(surplus, eg: cotton as per req),fabric(surplus, muslin compulsory, other types as per req) trims and accessories, color check light box(color matching cabinet),pantone shade card, students notes/ manuals.	

Module Name 7: Document, Report, and Visualise Quality Data

Mapped to AMH/N0113 (version 1.0)

Terminal Outcomes:

- Explain the importance of systematic documentation, reporting, and visualization in quality management.
- Record production and inspection data accurately using standard templates, check sheets, and digital tools.
- Interpret quality data to identify defect patterns, trends, and process deviations.
- Assess the effectiveness of documentation and reporting methods in supporting decision-making and continuous improvement.
- Develop visual dashboards, charts, and reports to communicate quality metrics and insights to management and shop floor teams.

Duration: 30:00	*Duration: 30:00*
Theory – Key Learning Outcomes	**Practical – Key Learning Outcomes**
• Explain the importance of accurate documentation, reporting, and visualization in apparel quality management.	• Apply standard templates and check sheets to accurately document production and inspection data. • Record and maintain digital quality data using dashboards, spreadsheets, or ERP systems.

• Describe standard templates, check sheets, and digital tools used for recording quality data. • Analyze defect trends, deviations, and production patterns from quality data. • Evaluate reporting methods and visualization tools for effective communication of quality insights. • Discuss best practices for data integrity, traceability, and compliance with industry quality standards.	• Analyze quality data to identify defect patterns, root causes, and process deviations. • Develop charts, graphs, and visual dashboards to communicate quality performance effectively. • Generate reports summarizing inspection results, trends, and corrective actions for management review. • Ensure data traceability and maintain records in compliance with organizational and industry standards. • Present quality insights to cross-functional teams to support continuous improvement initiatives. • Apply visual management techniques to enable operators and supervisors to monitor quality in real time.
Classroom Aids:	
Charts, Models, Flip Chart, White-Board/Smart Board, Marker, Duster	
Tools, Equipment, and Other Requirements Tech pack /spec sheet/trim card/size chart ,reference garment, made-ups and home furnishing samples, historic data on previous styles, bobbin, bobbin case, sewing needles, pins etc, defect marking materials, (stickers / colour coded stickers / tags), aql checklist and quality standards, basic stationary (pen, pencil, paper),record maintenance sheet & reporting format, dress form(preferably woman, size m),machine tool kit (screw driver, screw etc.),operation bulletin ,garment templates, lab dips/strike off/pit loom samples, checking table, boxes for storage of assessed pieces, industrial snls sewing machine and stools, industrial dnls sewing machine,5 thread overlock sewing machine and stools, flatlock machine or other specialized sewing machines and stools, teacher's chair & table, trainees stools, students chairs with table arms ,dust bin, first aid & fire extinguisher, sewing kit(measuring tape, trimmer, projector / lcd, scissors stationary set (note book, eraser, pencil etc) ,scale, variety (eg: straight etc, depending on type of garments etc), hanger (wood or plastic),previous inspection reports, washing samples, grey scale defect list, shrinkage test marker, dexterity test kit, sewing thread(surplus, eg: cotton as per req),fabric(surplus, muslin compulsory, other types as per req) trims and accessories, color check light box(color matching cabinet),pantone shade card, students notes/ manuals.	

Module Name 8: Promote and sustain safety, health, and security in workplace, while fostering Gender and Persons with Disabilities (PwD) Sensitization

Mapped to AMH/N0620 (version 1.0)

Terminal Outcomes:

- Describe safe working practices for cleaning and maintenance of equipment.
- Describe effects of contamination on products i.e. Machine oil, dirt etc.
- Identify different ways of minimizing wastage.

Duration: 15:00	*Duration: 15:00*
Theory – Key Learning Outcomes	**Practical – Key Learning Outcomes**
• Explain health and safety related practices applicable at the workplace. • Follow environment management system related procedures. • List potential hazards, risks and threats based on nature of operations. • Describe potential accidents, emergencies and response to these scenarios.	• Obtain and check the data on the work ticket or job card and carry out functions in line with the responsibilities of job role • Ask questions to obtain more information on tasks when the instructions are unclear. • Agree and review your agreed upon work targets with your supervisor and check for special instructions, if any

• Carry out periodic walk-through to keep work area free from hazards and obstructions, if assigned. • Seek clarifications, from supervisors or other authorized personnel in case of perceived risks. • State organizational procedures for safe handling of equipment and machine operations. • Describe elements of proper disposal system for waste and by-products. • Describe actions to take in the event of a mock drill/ evacuation procedures or actual accident, emergency or fire. • Follow organization procedures for shutdown and evacuation when required. • Minimize health and safety risks to self and others due owning actions. • Report any service malfunctions that cannot be rectified. • Store materials and equipment in line with manufacturer's and organizational requirements. • State importance of sound health, hygiene and good habits. • Describe ill-effects of alcohol, tobacco and drugs. • Maintain a healthy lifestyle and guard against dependency on intoxicants.	• Check that tools and equipment are safe to use; select, sort and use the correct tools and equipment • Ensure that the work area is free from any hazard and setup the equipment & machineries (e.g.: fabric checking machine) for fabric checking as per the job requirement • Carry out operations at a rate which maintains work flow and meets production targets • Minimize wastage and dispose off waste materials safely and return re-useable materials • Work in conformance to company quality standards; legal requirements, organizational policies and procedures • Carry out visual inspection to ensure the products are free from any defects and non-conformance quality parameters • Follow company reporting procedures about defective tools and machines which affect work and report any risks/ problems relevant person promptly and accurately. • Leave work area safe and secure when work is complete • Complete forms, records and other documentation
Classroom Aids:	
Charts, Models, Flip Chart, White-Board/Smart Board, Marker, Duster	
Tools, Equipment and Other Requirements	
Training kit (trainer guide, presentations) **Unique Equipment Required:** White/Black ,Board+ Marker/Chalk +Duster Computer With Computer Table And Chair and peripherals, pattern making software, marker making software, Digitizer ,Cello tape, Plotter, Plotter paper, Plotter pen, Plotter ink, Scanning equipment, Style sheet (provided by buyer),measurement chart /Grading chart(mentioned in BOM),Garment , madeups and home furnishing Sample, Production & Ready Pattern, Types Of Scales, normal straight big ruler, hip curve ,leg curve, L Scale, french curve ,"measurement Ruler (inches on one side and millimeters on the other, side made of Plastic, Acrylic or metal)",measuring tape Basic stationary, Pattern Making Paper. Tracing paper,Pattern plastic roll (used to create long lasting, durable, and flexible patterns),First aid box ,Kraft Underlay Paper(qnt may vary),Kraft Pattern Paper (used to prepare initial pattern ,qnt may vary),Dotted marking paper (qnt may vary),Push pins, shears. Scissors Fabric Cutting, Pattern hooks (The quantity may vary as per requirement),Pattern Notchers / Notch Cutters Pattern Punches (The quantity may vary) underarm sleeve rules Student's Chair With Table Arm, Pattern Table, cutting table, Stool, Students Notes, dustbin, Samples(garments, made ups and home furnishing),Fire Extinguisher.	

Module Name 9: Adhere to industry, regulatory, and organizational standards and embrace environmentally sustainable practices

Mapped to (AMH/N0621) (version 1.0)

Terminal Outcomes:

- Importance of Punctuality

- Understand the organizational requirement
- Importance of Green jobs in organization
- Optimize usage of material and resources at workplace.

Duration: 15:00	Duration: 15:00
Theory – Key Learning Outcomes	**Practical – Key Learning Outcomes**
• State the importance of having an ethical and value-based approach to governance. • State benefits to self and the organisation due to practice of values and ethics. • State the importance of punctuality and attendance. • State customer specific requirements mandated as a part of the work process. • State country/customer specific regulations for the apparel sector and their importance. • State reporting procedure of the organisation in case of deviations. • State limits of personal responsibility. • Report any possible deviation to regulatory requirements. • Clarify doubts on policies and procedures, from the supervisor or other authorized personnel. • Explain importance of greening solutions, procedures, policies, legislation and regulations • Discuss the significance of specified usage of resources at work area • Evaluate the different ways to conserve energy in Apparel sector	• Provide support to the supervisor and team members in enforcing the organisational considerations. • Identify procedures to follow if legal, regulatory and ethical requirements of the organisation are not met. • Interpret correctly legal, regulatory and ethical requirements specific to the apparel industry. • Carry out work functions in accordance with organizational standards, greening solutions, procedures, policies, legislation and regulations. • Making conscious and sustainable decisions for achieving effective and green workplace. • Follow the organisational policies and procedures within limits of self-authority. • Discussed the importance of switch of the machine when not in use. • Carrying out work functions in accordance with organizational standards, greening solutions, procedures, policies, legislation and regulations. • Demonstrate the method of handling and storage of waste materials such as paper, sketches, colouring tools, electronic waste, etc • Dimonsatrat the process of sagraction of waste
Classroom Aids:	
Charts, Models, Flip Chart, White-Board/SmartBoard, Marker, Duster	
Tools, Equipment, and Other Requirements Documents related to the subject, Computer with peripherals	
Basic Stationery	

Module Name 10: Employability Skills

Mapped to DGT/VSQ/N0102: NOS (Version- 1.0)

Terminal Outcomes:

- Introduction to Employability Skills
- Constitutional values - Citizenship
- Becoming a Professional in the 21st Century

- Basic English Skills
- Career Development & Goal Setting
- Communication Skills
- Diversity & Inclusion
- Financial and Legal Literacy
- Essential Digital Skills
- Entrepreneurship
- Customer Service
- Getting ready for Apprenticeship & Jobs

Duration: 60:00(Theory 24 Hrs + Practical 36 Hrs)

Key Learning Outcomes

Introduction to Employability Skills Duration: 1.5 Hours
After completing this programme, participants will be able to:
1. Discuss the Employability Skills required for jobs in various industries
2. List different learning and employability related GOI and private portals and their usage

Constitutional values - Citizenship Duration: 1.5 Hours
3. Explain the constitutional values, including civic rights and duties, citizenship, responsibility towards society and personal values and ethics such as honesty, integrity, caring and respecting others that are required to become a responsible citizen
4. Show how to practice different environmentally sustainable practices.

Becoming a Professional in the 21st Century Duration: 2.5 Hours
5. Discuss importance of relevant 21st century skills.
6. Exhibit 21st century skills like Self-Awareness, Behaviour Skills, time management, critical and adaptive thinking, problem-solving, creative thinking, social and cultural awareness, emotional awareness, learning to learn etc. in personal or professional life.
7. Describe the benefits of continuous learning.

Basic English Skills Duration: 10 Hours
8. Show how to use basic English sentences for everyday conversation in different contexts, in person and over the telephone
9. Read and interpret text written in basic English
10. Write a short note/paragraph / letter/e -mail using basic English

Career Development & Goal Setting Duration: 2 Hours
11. Create a career development plan with well-defined short- and long-term goals

Communication Skills Duration: 5 Hours
12. Demonstrate how to communicate effectively using verbal and nonverbal communication etiquette.
13. Explain the importance of active listening for effective communication
14. Discuss the significance of working collaboratively with others in a team

Diversity & Inclusion Duration: 2.5 Hours
15. Demonstrate how to behave, communicate, and conduct oneself appropriately with all genders and PwD
16. Discuss the significance of escalating sexual harassment issues as per POSH act.

Financial and Legal Literacy Duration:5 Hours
17. Outline the importance of selecting the right financial institution, product, and service
18. Demonstrate how to carry out offline and online financial transactions, safely and securely

19. List the common components of salary and compute income, expenditure, taxes, investments etc. 20. Discuss the legal rights, laws, and aids Essential Digital Skills Duration: 10 Hours 21. Describe the role of digital technology in today's life 22. Demonstrate how to operate digital devices and use the associated applications and features, safely and securely 23. Discuss the significance of displaying responsible online behaviour while browsing, using various social media platforms, e-mails, etc., safely and securely 24. Create sample word documents, excel sheets and presentations using basic features 25. utilize virtual collaboration tools to work effectively Entrepreneurship Duration: 7 Hours 26. Explain the types of entrepreneurship and enterprises 27. Discuss how to identify opportunities for potential business, sources of funding and associated financial and legal risks with its mitigation plan 28. Describe the 4Ps of Marketing-Product, Price, Place and Promotion and apply them as per requirement 29. Create a sample business plan, for the selected business opportunity Customer Service Duration: 5 Hours 30. Describe the significance of analysing different types and needs of customers 31. Explain the significance of identifying customer needs and responding to them in a professional manner. 32. Discuss the significance of maintaining hygiene and dressing appropriately Getting Ready for apprenticeship & Jobs Duration: 8 Hours 33. Create a professional Curriculum Vitae (CV) 34. Use various offline and online job search sources such as employment exchanges, recruitment agencies, and job portals respectively 35. Discuss the significance of maintaining hygiene and confidence during an interview 36. Perform a mock interview 37. List the steps for searching and registering for apprenticeship opportunities
Classroom Aids:
Charts, Models, Flip Chart, White-Board/Smart Board, Marker, Duster
Tools, Equipment, and Other Requirements
1.Computer (PC) with latest configurations – and Internet connection with standard operating system and standard word processor and worksheet software (Licensed) (All software should either be latest version or one/two version below) As required 2.UPS As required 3. Scanner cum Printer As required 4. Computer Tables As required 5. Computer Chairs As required 6. LCD Projector As required 7. White Board 1200mm x 900mm as required

Annexure

Trainer Requirements

Trainer Prerequisites						
Minimum Educational Qualification	**Specialization**	**Relevant Industry Experience**		**Training Experience**		**Remarks**
		Years	***Specialization***	***Years***	***Specialization***	
Diploma		4 Year	Quality Assurance	0	Quality Assurance	The candidate should possess good knowledge of equipment, tools, material, inspection techniques of products like garments, made ups and home furnishing articles, quality parameters, AQL, all kind of defects, Safety, Health & hygiene and other requirements of relevant job role. The candidate should be able to communicate in English and local language.
Graduation		3 Year	Quality Assurance	0	Quality Assurance	
Post graduate diploma		2 Year	Quality Assurance	0	Quality Assurance	
Post Graduate Degree in relevant trade or sector		1 Year	Quality Assurance	0	Quality Assurance	

Trainer Certification	
Domain Certification	**Platform Certification**
Certificate for Job Role: "Apparel Quality Analyst" mapped to QP: "AMH/Q1401" **Minimum accepted % as per respective SSC guidelines is 80%.**	Recommended that the Trainer is certified for the Job Role: "Trainer", mapped to the Qualification Pack: "Master Trainer (VET and Skills) MEP/Q2601 v2.0". Minimum accepted score is 80%.

Assessor Requirements

Assessor Prerequisites				
Minimum Educational Qualification	**Specialization**	**Relevant Industry Experience**	**Training Experience**	**Remarks**

		Years	*Specialization*	*Years*	*Specialization*	
ITI		4 Year	Quality Assurance	0	Quality Assurance	The candidate should possess good knowledge of equipment, tools, material, inspection techniques of products like garments , made ups and home furnishing articles, quality parameters, AQL ,all kind of defects, Safety, Health & hygiene and other requirements of relevant job role. The candidate should be able to communicate in English and local language.
Diploma		4 Year	Quality Assurance	0	Quality Assurance	
Graduation		3 Year	Quality Assurance	0	Quality Assurance	
Post graduate diploma		2 Year	Quality Assurance	0	Quality Assurance	
Post Graduate Degree in relevant trade or sector		1 Year	Quality Assurance	0	Quality Assurance	

Assessor Certification

Domain Certification	Platform Certification
Certificate for Job Role: 'Apparel Quality Analyst' mapped to QP: "AMH/Q1401" **Minimum accepted % as per respective SSC guidelines is 80%.**	Recommended that the Assessor is certified for the Job Role: "Assessor", mapped to the Qualification Pack: "Assessor (VET and Skills) MEP/Q2701 v2.0". Minimum accepted % as per respective SSC guidelines is 80%.

Trainer Prerequisites Employability Skills

Minimum Educational Qualification	Specialization	Relevant Industry Experience		Training/Assessment Experience		Remarks
		Years	*Specialization*	*Years*	*Specialization*	

Graduate/CITS	Any discipline			2	Teaching experience	Prospective ES trainer should: • have good communication skills • be well versed in English • have digital skills • have attention to detail • be adaptable • have willingness to learn
Current ITI trainers	Employability Skills Training (3 days full-time course done between 2019-2022)					
Certified current EEE trainers (155 hours)	from Management SSC (MEPSC)					
Certified Trainer	Qualification Pack: Trainer (MEP/Q0102)					

Trainer Certification Employability Skills	
Domain Certification	**Platform Certification**
Certified in 30-hour Employability NOS (2022), with a minimum score of 80% OR **Certified in 120-, 90-, 60- hour Employability NOS (2022), with a minimum score of** 80%	NA

Master Trainer Prerequisites Employability Skills						
Minimum Educational Qualification	**Specialization**	**Relevant Industry Experience**		**Training/Assessment Experience**		**Remarks**
		Years	***Specialization***	***Years***	***Specialization***	
Graduate/CITS	Any discipline			3	Employability Skills curriculum training experience with an interest to train as well as orient other	Prospective ES Master trainer should: • have good communication skills • be well versed in English

						• have basic digital skills • have attention to detail • be adaptable • have willingness to learn • be able to grasp concepts fast and is creative with teaching practices and likes sharing back their learning with others
Certified Master Trainer	Qualification Pack: Master Trainer (MEP/Q2602)			3	EEE training of Management SSC (MEPSC) (155 hours)	

Master Trainer Certification Employability Skills	
Domain Certification	**Platform Certification**
Certified in 30-hour Employability NOS (2022), with a minimum score of 90%. OR **Certified in 120-, 90-, 60- hour Employability NOS (2022), with a minimum score of** 90%	NA

Assessment Strategy

1. Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council. Each Performance Criteria (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down proportion of marks for Theory and Skills Practical for each PC.
2. The assessment for the theory part will be based on knowledge bank of questions created by the SSC.
3. Assessment will be conducted for all compulsory NOS, and where applicable, on the selected elective/option NOS/set of NOS. examination/training centre (as per assessment criteria below)
4. Individual assessment agencies will create unique question papers for theory part for each candidate at each.
5. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training centre based on these criteria.
6. To pass the Qualification Pack, every trainee should score a minimum of 70% aggregate in QP.
7. In case of unsuccessful completion, the trainee may seek reassessment on the Qualification Pack.

Acronyms and Abbreviations

NOS	National Occupational Standard(s)
NSQF	National Skills Qualifications Framework

QP	Qualifications Pack
TVET	Technical and Vocational Education and Training

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 organization.
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.
Knowledge and Understanding (KU)	Knowledge and Understanding (KU) are statements which together specify the technical, generic, professional and organizational 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.