

Model Curriculum

In-Line Checker

SECTOR: APPAREL, MADE-UP'S AND HOME FURNISHING
SUB-SECTOR: Apparel / Made-Ups / Home Furnishing
OCCUPATION: Quality Assurance
REF ID: AMH/Q0102, V1.0
NSQF LEVEL: 3



Certificate

CURRICULUM COMPLIANCE TO QUALIFICATION PACK – NATIONAL OCCUPATIONAL STANDARDS

is hereby issued by the
APPAREL MADE-UPS AND HOME FURNISHING SECTOR SKILL COUNCIL

for the
MODEL CURRICULUM

Complying to National Occupational Standards of
Job Role/ Qualification Pack: 'In-Line Checker QP No. 'AMH/Q0102 NSQF Level 3'

Date of Issuance: **11 Feb, 2019**

Valid up to: **11 Feb 2023**


Authorized Signatory
(Apparel Made-ups Home Furnishing Sector Skill Council)

* Valid up to the next review date of the Qualification Pack

TABLE OF CONTENTS

1. Curriculum	01
2. Trainer Prerequisites	06
3. Annexure: Assessment Criteria	07

In-Line Checker

CURRICULUM / SYLLABUS

This program is aimed at training candidates for the job of a “In-Line Checker”, in the “Apparel, Made-Ups and Home Furnishing” Sector/Industry and aims at building the following key competencies amongst the learner

Program Name	In-Line Checker		
Qualification Pack Name & Reference ID.	AMH/Q0102,V1.0		
Version No.	1.0	Version Update Date	11/02/2019
Pre-requisites to Training	Preferably Class V		
Training Outcomes	<p>After completing this program, participants will be able to:</p> <ul style="list-style-type: none"> • Prepare for in-line checking activities. • Carryout in-line checking activities. • Maintaining work area & tools. • Maintain health, safety and security at workplace. • Comply with industry, regulatory and organizational requirements. 		

This course encompasses 4 out of 4 National Occupational Standards (NOS) of “In-Line Checker” Qualification Pack issued by “APPAREL, MADE-UPS AND HOME FURNISHING SECTOR SKILL COUNCIL”.

Sr. No	Module	Key Learning Outcomes	Equipment Required
1	<p>Introduction and Orientation</p> <p>Theory Duration (hh:mm) 03:00</p> <p>Practical Duration (hh:mm) 00:00</p> <p>Corresponding NOS Code</p> <p>Bridge Module</p>	<ul style="list-style-type: none"> Identify the Apparel, Made-ups and home Furnishing Sector in India. Identify the role of in-line checker in the industry. 	<p>computer and computer peripherals (optional), white/black board, marker, duster</p>
2	<p>Prepare for in-line checking activities</p> <p>Theory Duration (hh:mm) 25:00</p> <p>Practical Duration (hh:mm) 45:00</p> <p>Corresponding NOS Code AMH/N0105</p>	<ul style="list-style-type: none"> Identify the types of fibers, yarns and fabric with their properties. Identify commonly used tools and equipment of inspection. Ensure the work area is free from hazards. Ensure cleanliness of tools and equipment before using them. Identify different types of faults like Fabric faults, Stitch faults, Seam faults. Identify trims and accessories used in garments. 	<p>job card, white board/ black board ,machine tool kit (screw driver, screw etc.),student's chair with table arm or desk , fire extinguisher & first aid & machine oil, dustbin, industrial single needle lock stitch sewing machine with needle guard set, accessories and trims pressing unit, computer and computer peripherals, dress form (size medium) checking table ,scales measuring tape, white board marker /chalk white board duster/ normal duster, trainees stools ,sewing kit includes thread clipper/ thumb trimmer ,seam ripper , tracing wheel etc, trainers table &chair, scissors fabric cutting ,techpack sample /specs etc,"samples of defects garments, made ups and home furnishing and embroidery swatches" trims & accessories/fabric swatch file, check list, record maintenance sheet &reporting format, production & ready pattern ,sewing machine needles, basic stationary items, quality tag /stickers</p>

			types of defect list & quality check list students manual, sewing thread, dexterity test kit, bobbin , bobbin case ,fabric yardage (qty may vary),tailor's chalk, pins like safety pins etc.,projector /lcd
3	<p>Carryout in-line checking activities</p> <p>Theory Duration (hh:mm) 20:00</p> <p>Practical Duration (hh:mm) 80:00</p> <p>Corresponding NOS Code AMH/N0105</p>	<ul style="list-style-type: none"> • Explain the procedure of inspection as per the required quality standards. • Inspect the cut components. • Record the faults identified in the components. • Maintain work flow rate to meet production targets given. • Resolve the problems in the components. • Calculate the number of faults. • Perform bundling and labeling of cut components after inspection. • Demonstrate storing the cut components as per the required quality standards. • Document if any defects are identified. • Inspect the garment. • Record the faults identified in the garment. • Handle the garment in an appropriate manner. • Explain the procedure of informing the superior / colleague about the faults identified in the garment. 	<p>job card, white board/ black board ,machine tool kit (screw driver, screw etc.),student's chair with table arm or desk , fire extinguisher & first aid & machine oil, dustbin, industrial single needle lock stitch sewing machine with needle guard set, accessories and trims pressing unit, computer and computer peripherals, dress form (size medium) checking table ,scales measuring tape, white board marker /chalk white board duster/ normal duster, trainees stools ,sewing kit includes thread clipper/ thumb trimmer ,seam ripper , tracing wheel etc, trainers table & chair, scissors fabric cutting ,techpack sample /specs etc,"samples of defects garments, made ups and home furnishing and embroidery swatches" trims & accessories/fabric swatch file, check list, record maintenance sheet & reporting format, production & ready pattern ,sewing machine needles, basic stationary items, quality tag /stickers, types of defect list & quality check list students manual, sewing thread, dexterity test kit, bobbin , bobbin case ,fabric yardage (qty may vary),tailor's chalk, pins like safety pins etc.,projector /lcd</p>

<p>4</p>	<p>Maintaining work area and tools</p> <p>Theory Duration (hh:mm) 14:00</p> <p>Practical Duration (hh:mm) 45:00</p> <p>Corresponding NOS Code AMH/N0106</p>	<ul style="list-style-type: none"> • Demonstrate safe and correct handling of materials and tools. • Identify the methods to minimize waste. • Maintain a clean and hazard free working area • Maintain tools and equipment • Carry out running maintenance as per the standards required. • Demonstrate the correct posture while working • Identify the use of different types of equipment. • Dispose off waste safely in a designated location. • Store cleaning equipment safely after use • Carry out cleaning activities according to the given standards. 	<p>sewing thread, dexterity test kit, bobbin , bobbin case, sewing kit includes thread clipper/ thumb trimmer ,seam ripper , tracing wheel etc, scissors, fabric cutting, techpack sample /specs etc,"samples of defects, garments, made ups ,and home furnishing and embroidery swatches", sewing machine needles, industrial single lock stitch sewing machine with needle guard set, accessories and trims ,pressing unit, computer and computer peripherals Dress Form(size medium) Checking Table ,Scales Measuring Tape,</p>
<p>5</p>	<p>Maintain health, safety and security at workplace</p> <p>Theory Duration (hh:mm) 10:00</p> <p>Practical Duration (hh:mm) 08:00</p> <p>Corresponding NOS Code AMH/N0103</p>	<ul style="list-style-type: none"> • Identify methods to be vigilant for potential risks and threats associated with the workplace and equipment such as physical injuries from scissors, shears, etc. • Handle tools and equipment such as cutters, scissors, etc. safely and securely. • Check the workplace and work processes for potential risks and threats such as fire, electric shocks, etc. • Demonstrate the use of personal protective equipment. • Identify the malfunction in machinery and equipment. • Correct the possible malfunction in machinery and equipment • Perform emergency procedures such as first-aid and Cardio Pulmonary Resuscitation (CPR). • Demonstrate the process involved in mock-drills and/or evacuation at the workplace in case of emergency. • Demonstrate correct and safe handling of fire extinguishers. • Apply emergency response processes. 	<p>first aid kit, fire extinguisher , machinery and equipment</p>

<p>6</p>	<p>Comply with industry, regulatory and organizational requirements</p> <p>Theory Duration (hh:mm) 10:00</p> <p>Practical Duration (hh:mm) 05:00</p> <p>Corresponding NOS Code AMH/N0104</p>	<ul style="list-style-type: none"> Apply legislation and regulations, organizational guidelines and procedures while carrying out work related functions. Apply appropriate methods to seek clarifications pertaining to policies and procedures, from the supervisor or other authorized personnel. 	<p>documents related to same</p>
<p>7</p>	<p>Soft Skills</p> <p>Theory Duration (hh:mm) 03:00</p> <p>Practical Duration (hh:mm) 02:00</p> <p>Corresponding NOS Code Bridge Module</p>	<ul style="list-style-type: none"> Illustrate the steps followed for personal grooming and hygiene. Apply organization procedures and maintain personal health and hygiene and avoid habits like gutkha, tobacco etc. Demonstrate effective interaction with the group. Demonstrate time management in the work. Write your resume. Demonstrate the preparation for the interviews. 	<p>white/black board with duster and chalk</p>
	<p>Total Duration: 270Hrs</p> <p>Theory Duration 85 Hrs</p> <p>Practical Duration 185 Hrs</p>	<p>Unique Equipment Required: job card ,white board/ black board ,machine tool kit (screw driver, screw etc.),students chair with table arm or desk, fire extinguisher & first aid & machine oil ,dustbin, industrial single needle lock stitch sewing machine with needle guard set, accessories and trims ,pressing unit, computer and computer peripherals, dress form(size medium),checking table ,scales, measuring tape , record maintenance sheet &reporting format, production & ready pattern, sewing machine needles, basic stationary items, quality tag /stickers sheets, types of defect list &quality check list, students manual, sewing thread, dexterity test kit, bobbin , bobbin case, fabric yardage (qty may vary) ,tailor's chalk, pins like safety pins etc., projector /lcd, trainees stools , sewing kit includes thread clipper/ thumb trimmer ,seam ripper , tracing wheel etc., scissors fabric cutting, tech pack sample /specs etc,"samples of defects ,garments, made ups ,and home furnishing and embroidery swatches", trims & accessories/fabric swatch file, check list</p>	

Grand Total Course Duration: **270 Hours, 0 Minutes**

(This syllabus/ curriculum has been approved by **APPAREL MADE-UPS AND HOME FURNISHING SECTOR SKILL COUNCIL**)

Trainer Prerequisites for Job role: “In-Line Checker” mapped to Qualification Pack: “AMH/Q0102, version 1.0”

Sr. No.	Area	Details
1	Job Description	To deliver accredited training service, mapping to the curriculum detailed above, in accordance with Qualification Pack “AMH/Q0102”
2	Personal Attributes	The candidate should have aptitude for conducting training, pre /post work to ensure competent, employable candidates at the end of training. Strong communication skills, interpersonal skills, ability to work as team; diligent and is passionate for maintaining the quality in content and training delivery methodology. Candidate should have basic understanding of English language; however this should not be a restrictive criterion as long as the candidate is willing and open to learn. He/she must be able to speak, read and write in the local language.
3	Minimum Educational Qualifications	<ul style="list-style-type: none"> The candidate should be 10th pass with six years supervisory experience in relevant trade Certificate in relevant trade of minimum 6 months duration Diploma of minimum 1 year duration in the relevant trade ITI in relevant trade Graduate in the relevant trade
4a	Domain Certification	Certified for Job Role: “In-Line Checker” mapped to QP: “AMH/Q0102”, version 1.0. Minimum accepted score as per SSC guidelines is 80%.
4b	Platform Certification	Recommended that the Trainer is certified for the Job Role: “Trainer”, mapped to the Qualification Pack: “MEP/Q0102”. Minimum accepted % as per respective SSC guidelines is 80%.
5	Experience	<ul style="list-style-type: none"> The candidate should be 10th pass with six years supervisory experience in relevant trade Certificate of minimum six months duration in relevant trade with 4 years of work experience in relevant trade Diploma of minimum 1 year duration in the relevant trade with 2 years of work experience in relevant trade ITI in relevant trade with minimum 2 years of work experience in relevant trade Graduation in relevant trade with minimum 2 years of work experience in relevant trade, He should be able to communicate in English and local language. He should have knowledge of equipment, tools, material, Safety, Health & Hygiene

Annexure: Assessment Criteria

Job Role In-Line Checker

Qualification Pack AMH/Q0102, V1.0

Sector Skill Council AMHSSC

Guidelines for Assessment

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 approved by the SSC
3. Assessment will be conducted for all compulsory NOS, and where applicable, on the selected elective/option NOS/set of NOS.
4. Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training center (as per assessment criteria below)
5. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination / training center based on this criteria
6. To pass the Qualification Pack, every trainee should score a minimum of 50% aggregate in a QP
7. In case of unsuccessful completion, the trainee may seek reassessment on the Qualification Pack

		Total Marks 350	Marks Allocation			
			Out Of	Theory	Skills Practical	Viva
1. AMH/N0105 Carryout in-line checking activities	PC1. Check that the work area is free from hazards	100	4	1	2	1
	PC2. Follow the instructions on the work ticket/ job card		4	2	1	1
	PC3. Ensure the cleanliness of the tools (Sticker, Marker, Rubber Band, Pattern, etc) and equipment's as per the work instruction		7	1	5	1
	PC4. Assist in carrying out foundation inspection safely and at a rate which maintains work flow and meets production targets		5	3	1	1
	PC5. Visually inspect the cut component for any defects		10	1	7	2
	PC6. Bundle and label the cut components		7	1	5	1
	PC7. Store the cut components in specified manner, to ensure that the quality is preserved		7	1	5	1
	PC8. Document if any defects are identified		7	5	1	1
	PC9. Inform the appropriate people in case of any defect identified		7	1	5	1
	PC10. Identify problems and resolve issues within limits of your own responsibility		7	1	5	1
	PC11. Report problems outside area of responsibility to the appropriate person		7	2	4	1
	PC12. Visually inspect the garment parts for basic quality conformance		7	1	5	1
	PC13. Identify stitch faults in the garment parts and inform as per the specified procedure		7	1	5	1
	PC14. Identify fabric faults in the garment parts and inform as per the specified procedure		7	1	5	1
	PC15. Ensure the garment parts are handled in an appropriate manner		7	1	4	2
	Total	100	23	60	17	
2. AMH/N0106 Maintain work area and tools	PC1. Handle materials and tools safely and correctly		10	2	5	3
	PC2. Use correct lifting and handling procedures		10	3	4	3

	PC3. Use materials to minimize waste	100	10	2.5	3	4.5
	PC4. Maintain a clean and hazard free working area		7	2.5	2	2.5
	PC5. Maintain tools and equipment's		10	3	5	2
	PC6. Carry out running maintenance within agreed schedules		5	1	2	2
	PC7. Carry out maintenance and/or cleaning within one's responsibility		10	2	4	4
	PC8. Report unsafe equipment and other dangerous occurrences		8	2	4	2
	PC9. Work in a comfortable position with the correct posture		5	1	3	1
	PC10. Use cleaning equipment and methods appropriate for the work to be carried out		5	2	1	2
	PC11. Dispose of waste safely in the designated location		5	1	3	1
	PC12. Store cleaning equipment safely after use		10	3	5	2
	PC13. Carry out cleaning according to schedules and limits of responsibility		5	2	2	1
	Total		100	27	43	30
3. AMH/N0103 Maintain health, safety and security at workplace	PC1. Comply with health and safety related instructions applicable to the workplace		100	12	7	2
	PC2. Use and maintain personal protective equipment as per protocol	6		4	1	1
	PC3. Carry out own activities in line with approved guidelines and procedures	4		2	1	1
	PC4. Maintain a healthy lifestyle and guard against dependency on intoxicants	6		4	1	1
	PC5. Follow environment management system related procedures	6		4	1	1
	PC6. Identify and correct (if possible) malfunctions in machinery and equipment	4		1	2	1
	PC7. Report any service malfunctions that cannot be rectified	4		2	1	1
	PC8. Store materials and equipment in line with manufacturer's and organizational requirements	4		1	2	1
	PC9. Safely handle and move waste and debris	4		1	2	1
	PC10. Minimize health and safety risks to self and others due to own actions	6		2	2	2

	PC11. Seek clarifications, from supervisors or other authorized personnel in case of perceived risks		8	2	3	3
	PC12. Monitor the workplace and work processes for potential risks and threats		4	1	2	1
	PC13. Carry out periodic walk-through to keep work area free from hazards and obstructions, if assigned		4	1	2	1
	PC14. Report hazards and potential risks/ threats to supervisors or other authorized personnel		4	1	2	1
	PC15. Participate in mock drills/ evacuation procedures organized at the workplace		4	1	2	1
	PC16. Undertake first aid, fire-fighting and emergency response training, if asked to do so		12	3	7	2
	PC17. Take action based on instructions in the event of fire, emergencies or accidents		4	1	2	1
	PC18. Follow organization procedures for shutdown and evacuation when required		4	2	1	1
		Total	100	40	36	24
4. AMH/N0104 Comply with industry, regulatory and organizational requirements	PC1. Carry out work functions in accordance with legislation and regulations, organizational guidelines and procedures		10	4	4	2
	PC2. Seek and obtain clarifications on policies and procedures, from your supervisor or other authorized personnel	50	10	5	1	4
	PC3. Apply and follow these policies and procedures within your work practices		10	1	1	8
	PC4. Provide support to your supervisor and team members in enforcing these considerations		10	2	3	5
	PC5. Identify and report any possible deviation to these requirements		10	3	2	5
		Total	50	15	11	24
Grand Total			350	105	150	95