**ThinkSkills Consulting Pvt. Ltd**

**BIHAR SKILL DEVELOPMENT MISSION – 2019-20**

**THREE MONTHS PROGRAM**

It’s Objective, learning outcomes, Modules, assessments and material list

**CERTIFICATE COURSE IN SEWING MACHINE OPERATOR**

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| Submitted to **:-** **BIHAR SKILL DEVELOPMENT MISSION**  | Submitted By **:- THINKSKILLS CONSULTING PVT. LTD** |
| Session – 2019-20 |

 **Certificate Course in Sewing Machine Operator**

* Course Id- CSMO
* Candidate Eligibility : **5TH Passed**
* Course Duration: 3 Months

**CONTACT DETAILS OF THE BODY SUBMITTING THE QUALIFICATION FILE**

**Name and address of submitting body:**

**Prawesh Jha**

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**Name and contact details of individual dealing with the submission**

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**Position in the organization** : AVP-Operation

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**List of documents submitted in support of the Qualifications File**

1. Curriculum Document

**SUMMARY**

|  |  |
| --- | --- |
| **Qualification Title**  | **Certificate in Sewing Machine Operator** |
| **Qualification Code**  | **CSMO** |
| **Nature and purpose of the qualification**  | **Nature****3 months Certificate Course in Sewing Machine Operator****Purpose****Basic list of material and tools required for stitching.****Stitch components to produce apparels, prepare for stitching operations** . |
| **Body/bodies which will award the qualification** | **ThinkSkills Consulting Pvt. Ltd** |
| **Occupation(s) to which the qualification gives access** | **Sewing Machine Operator** |
| **Entry requirements and / or recommendations** | **5th PASSED** |

1. **OBJECTIVE OF THE COURSE: -**

This module comprises of stitching of components of garments together using a sewing machine. The role of a sewing machine operator is very critical to the industry as it enhances the quality of the product.

It attempts to introduce the Stitch components to produce apparels, prepare for stitching operations, achieve the product quality in stitching operations, maintain the work area, tools and machines, comply with health, safety and security requirements at work, Comply with industry and organizational requirements,

1. **LEARNING OUTCOME:-**
2. Identify the role and responsibilities of sewing machine operator.
3. Describe the home furnishing and made-ups sub sectors.
4. Recognize the different types of industrial sewing machines.
5. Familiarize with the feed mechanisms.
6. Determine the basic list of material and tools required for stitching.
7. Recognize about the different types of threads and needles.
8. Estimate the expected length of time for the process.
9. Perform a test sew run.
10. Know the different types of stitching and seam.
11. Familiarize with the product quality.
12. Coordinate with seniors and others.
13. Learn about the production system.
14. Maintain workflow and meet production target.
15. Familiarize with the quality department and its role in production.
16. Comply with health and safety related instructions applicable to the workplace.
17. Use and maintain personal protective equipment as per protocol.
18. Follow environment management system related procedures.
19. Seek clarifications, from supervisors or other authorized personnel in case of perceived risks.
20. Report hazards and potential risks/threats to supervisors or other authorized personnel.
21. Carryout work functions in accordance with legislation and regulations, organizational guidelines and procedures.
22. Seek and obtain clarifications on policies and procedures, from your supervisor or other authorized personnel.
23. Identify and report any possible deviation to these requirements.
24. Work effectively within a team.
25. Manage job related stress effectively.
26. Recognize the causes of AIDS.
27. **MODULE- THREE MONTHS (CERTIFICATE COURSE IN SEWING MACHINE OPERATOR)**

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| **DURATION :- SIX MONTHS****CERTFICATE PROGRAM IN FOOTWEAR TECHNOLOGY AND MANAGEMENT** |
| **MODULE CODE & NAMES**  | **Code :- BSDM 2019-20****Module :-** BSDM (Certificate Course in Sewing Machine Operator) |
| **RATIONALE & OBJECTIVE OF THE MODULES**  | This module enables trainers to understand the fundamental concepts of a sewing machine, going through each operation from preparing for stitching operations, stitch components to produce apparels, achieve the product quality in stitching operations. |
| **MODULE COMPETENCE** | At the final stage the student shall be able to prepare a complete shirt, trouser by self-designed patterns, transforming cut patterns of material into final shirt and trouser. |
| **MODE OF DELIVERY** | Practical and theoretical  |
|  |
| **Sl.N** | **ELEMENTS/TOPICS** | **PERIOD** | **DAYS** |
|  |
| **1** | **Introduction and Orientation** | 10 DAYS |
|  |  | 1.1 Introduction to Sewing and Apparel Sector |
|  |  | 1.2 Role and Responsibilities of Sewing Machine Operator |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| **2** | **Carry out Stitching Activities Using Machine or By Hand** |  |  |
|  |  | 2.1 Prepare for Stitching Operations | 10 DAYS |
|  |  | 2.2 Stitch Components to Produce Apparels |
|  |  | 2.3 Stitching a Trouser |  |  |
|  |  | 2.4 Stitching a Shirt |  |  |
|  |  |  |  |  |
| **3** | **Contribute to Achieve Product Quality In Stitching Operations** |  |  |
|  |  | 3.1 Contribute to Achieve Product Quality in Stitching Operations | 10 DAYS |
|  |  |  |  |  |
| **4** | **Maintain Work-Area, Tools and Machines** |  |  |
|  |  | 4.1 Maintain Work Area, Tools and Machines | 10 DAYS |
|  |  |  |  |  |
| **5** | **Maintaining Health, Safety and Security in Workplace** | 10 DAYS |
|  |  | 5.1 Maintaining Health, Safety and Security in Workplace |
|  |  |  |  |  |
| **6** | **Comply with Industry, Regulatory and Organizational Requirements** |  |  |
|  |  | 6.1 Comply with Industry, Regulatory and Organizational Requirements | 15 DAYS |
| **7** | **Professional Skills** |  |  |
|  |  | 7.1 Professional Skills | 4 DAYS |  |
| **8** | **IT Skills** |  |  |
|  |  | 8.1 Introduction to Computer | 5 DAYS |  |
|  |  | 8.2 Basic Computer Knowledge |  |  |
|  |  | 8.3 Components of Computer |  |  |
|  |  | 8.4 Concept of Operating System |  |  |
|  |  | 8.5 MS Word |  |  |
|  |  | 8.6 MS PowerPoint |  |  |
|  |  | 8.7 MS Excel |  |  |
|  |  | 8.8 Internet Concepts |  |  |

1. **ASSESSMENT / EXAMINATION**

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| --- | --- | --- | --- | --- |
| **1** | **BASIC/INTERNAL ASSESSMENT**  | ( Mid of the stage) | **P/T** | **MARKS** |
|  |  | 1. Prepare sleeves.
 | P |  |
|  |  | 1. Internal assessment test on shirt making process.
 | T |  |
| **2** | **FINAL PROJECT PRESENTATION** | ( Final stage of completion of session) |  |  |
|  |  | 1. Display & Submission - Designed standards with patterns.
 | P |  |
|  |  | 1. Display & Submission - two men’s compete shirt samples.
 | P |  |
|  |  | 1. Display & Submission - two ladies compete trouser samples.
 | P |  |
|  |  | 1. Display & Submission any self-designed shirt and trouser sample on given last.
 | P |  |
|  |  | 1. Presentation through final product display with tech. Specification.
 | P |  |
|  |  | 1. Final test on complete shirt and trouser manufacturing techniques.
 | T |  |