**NSDA Reference**

*To be added by NSDA*

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

**Name and address of submitting body:**

West Bengal State Council of Technical & Vocational Education and Skill Development

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New Town, Kolkata-700160

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

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

1. Curriculum and Course Content
2. Assessment strategy

**SUMMARY**

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| --- | --- | --- | --- | --- |
| **Qualification Title** | Garment Manufacturing | | | |
| **Qualification Code** |  | | | |
| **Nature and purpose of the qualification** | Short term Certificate Course  To become self-employed i.e. entrepreneurs or wage employed under MSME | | | |
| **Body/bodies which will award the qualification** | West Bengal State Council of Technical & Vocational Education and Skill Development | | | |
| **Body which will accredit providers to offer courses leading to the qualification** | Committee on Recognition under the West Bengal State Council of Technical & Vocational Education and Skill Development | | | |
| **Body/bodies which will carry out assessment of learners** | Board of Examination under the West Bengal State Council of Technical & Vocational Education and Skill Development | | | |
| **Occupation(s) to which the qualification gives access** | Garment Maker / Dress Maker | | | |
| **Licensing requirements** | NA | | | |
| **Level of the qualification in the NSQF** | Level 3 | | | |
| **Anticipated volume of training/learning required to complete the qualification** | 650 hours | | | |
| **Entry requirements and/or recommendations** | Class VIII pass | | | |
| **Progression from the qualification** | Asst. Garment Maker ---- Garment Maker-----Garment Designer/Merchandiser | | | |
| **Planned arrangements for the Recognition of Prior learning (RPL)** | RPL will consist of four stages   1. Counselling- To inform, advise and guide the candidates regarding RPL 2. Pre-Assessment- To assess the current competencies of the candidates and identifying the gap between the full qualification and current competencies. 3. Orientation &Bridge Training- To train the candidates for bridging the gap. 4. Final assessment & Certification- To assess the candidate for full qualification and certify. | | | |
| **International comparability where known** | N/A | | | |
| **Date of planned review of the qualification.** | Every 3 years (Next Feb 2021) | | | |
| **Formal structure of the qualification**  After completion of course the passed out trainee can work as an Asst. Garment Maker and after two years of field experience the passed out trainee can work as a Garment Maker and after that with appropriate experience, the person can work as a Garment Designer / Garment Merchandiser. | | | | |
| Title of component and identification code. | | Mandatory/ Optional | Estimated size (learning hours) | Level |
| Apply safe working Practices | | Mandatory | 25 | 3 |
| identify different measuring tape | | Mandatory | 50 | 3 |
| Convert different measurement from one unit to another unit. | | Mandatory | 30 | 3 |
| Measurement of different body length from to model. | | Mandatory | 20 | 3 |
| Make a paper pattern with the measurement taken. | | Mandatory | 50 | 3 |
| Transfer the paper pattern on a given cloth. | | Mandatory | 50 | 3 |
| Use scissor for cutting cloth as per pattern. | | Mandatory | 50 | 3 |
| Identify and manipulate different parts of a swing machine. | | Mandatory | 50 | 3 |
| Perform stitching using sewing machine. | | Mandatory | 100 | 3 |
| Finish the stitched product according to demands and requirements using various accessory material. | | Mandatory | 50 | 3 |
| Execute the final steps for delivery of the finished product. | | Mandatory | 50 | 3 |
| Estimate the cost of raw materials to manufacture bulk quantities of garment using a particular design to meet a particular design. | | Mandatory | 50 |  |
| Understand and practice soft skills | | Mandatory | 25 | 3 |
| Demonstrate knowledge of concept and principles of basic arithmetic and financial calculation, and apply knowledge of specific area to perform practical operations. | | Mandatory | 25 | 3 |
| Explain time management, entrepreneurship and manage/organize related task in day to day work for personal & social growth. | | Mandatory | 25 | 3 |

| **Title of component and identification code.** | **Mandatory/Optional** | **Estimated size (learning hours)** | **Level** |
| --- | --- | --- | --- |
| **I. Theory**  **Theory component of the course is to develop relevant basic technical information & knowledge about Garment making**  **II. Practical**  **Institutional component of Practical training of the course is to impart relevant basic technical skills to make any garment with given design by using various tools & machines maintaining basic safety.**  **III. Employability Skills**  **Employability Skills component of the course is to impart Soft skills which include Communication Skills, Behaviour, IT literacy, Entrepreneurship Skills, Safety, Hygiene etc.** | **Mandatory**  **Mandatory**  **Mandatory**  **Mandatory** | **100**  **450**  **100** | **3**  **3**  **3**  **3** |
| **Total (I+II+III)** |  | **650** |  |

1. Curriculum Document is attached in Annexure-1.
2. Assessment Strategy Component wise distribution of marks is given in the Annexure No. 2
3. Industry Validation

**SECTION 1**

**ASSESSMENT**

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| **Body/Bodies which will carry out assessment:**  Board of Examination under West Bengal State Council of Technical & Vocational Education & Skill Development, constituted under the ACT XXVI of 2013 under Department of Technical Education, Training & Skill Development, Govt. of West Bengal  **How will RPL assessment be managed and who will carry it out?**  RPL will consist of four stages   1. Counselling- To inform, advise and guide the candidates regarding RPL 2. Pre-Assessment- To assess the current competencies of the candidates and identifying the gap between the full qualification and current competencies. 3. Orientation &Bridge Training- To train the candidates for bridging the gap. 4. Final assessment & Certification- To assess the candidate for full qualification and certify.   RPL assessment will be managed by PBSSD (PaschimBanga Society for Skill Development) under Department of Technical Education, Training & Skill Development, Govt. of West Bengal.  **Describe the overall assessment strategy and specific arrangements which have been put in place to ensure that assessment is always valid, reliable and fair and show that these are in line with the requirements of the NSQF.**  Assessment will be carried out by Board of Examination under West Bengal State Council of Technical & Vocational Education & Skill Development, under Department of Technical Education, Training & Skill Development, Govt. of West Bengal.  The Council has all necessary infrastructure and pool of qualified Assessors/ Examiners to carry out such assessments. Presently the Council is conducting all examinations for all courses which includeDiploma Courses, Vocational Courses in VIII+ level and X+2 level &other Short term Courses. Council also conducts all State Level Entrance tests like JEXPO for admission to Diploma Courses in Polytechnics, VOCLET for lateral entry to Diploma Courses in Polytechnics and CET (Common Entrance Test ) for admission to NCVT courses in ITIs. |

**ASSESSMENT EVIDENCE**

**Complete a grid for each component as listed in “Formal structure of the qualification” in the Summary.**

*NOTE: this grid can be replaced by any part of the qualification documentation which shows the same information – ie Learning Outcomes to be assessed, assessment criteria and the means of assessment.*

**Title of Component:**

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| --- | --- |
| **Outcomes to be assessed** | **Assessment criteria for the outcome** |
| 1. Apply safe working Practices | (1.1) Assessor will note whether the trainee is maintaining procedures to achieve a safe working environment in line with occupational health and safety regulations and requirements according to site policy.  (1.2) Assessor can judge thetraineeon his ability to recognize any unsafe situations according to site policy, and assess his report accordingly.  (1.3) Assessor will note whether the trainee can identify and take necessary precautions on fire and safety hazards and report according to site policy and procedures.  (1.4) Assessor will ask the trainee to demonstrate safety alarms accurately.  (1.5) Assessor will assess the report/recordsubmitted by trainee to supervisor/ Competent of authority in the event of accident or sickness of any staff, including accident details according to site accident/injuryprocedures  (1.6) Trainee will be asked to demonstrate Personal Productive Equipment (PPE) and use the same as per related working environment.  (1.7) Trainee will be asked to demonstrate basic first aid & CPR and use them under different circumstances.  (1.8) Trainee will be asked to identify different fire extinguishers and to use the same as per requirement in a mock drill |
| 2. Identify different measuring tape | (2.1)The assessor will ask to identify different measuring tapes used for measuring fabric length or clothes. Then she/he may ask to match the tapes with the particular purpose served by them. He/she also ask her/him to demonstrate the measuring ability using a piece of cloth & tape. |
| 3. Convert different measurement from one unit to another unit. | (3.1)The assessor may frame MCQ or fill in the blanks or True/False type of question to understand whether the leaner can convert one unit to another and apply it in working situation. |
| 4. Measurement of different body length from to model. | (4.1)The assessor may supply different models of different length and ask to take the length of identical part of the model in different unit. Then she/he may ask to compare the value and convert it into same unit. Finally the assessor may provide a definite time frame to manufacture a huge number of garments suited to different model using the measurements taken. |
| 5. Make a paper pattern with the measurement taken. | (5.1)The assessor will try to know whether the trainee can use white/brown sheet, tissue paper, tracing paper or drawing sheet for making a paper pattern of unknown measurement. |
| 6. Transfer the paper pattern on a given cloth. | (6.1)The assessor may supply a piece of cotton/silk/linen cloth and instruct her/him to design definite paper pattern. |
| 7. Use scissor for cutting cloth as per pattern. | (7.1)The assessor may supply a number of patterns to the trainee. Then she/he may ask to trainee to cut the cloth of definite measurement to display the pattern with the help of different types of scissors. |
| 8. Identify and manipulate different parts of a swing machine. | (8.1)The assessor may instruct a trainee to illustrate with the help of a picture of sewing machine what part it has. Then she/he may ask to write the name and number of side parts. Then she/he may ask to draw the diagram of a machine and examine how the trainee is operating the different parts of sewing machine. |
| 9. Perform stitching using sewing machine. | (9.1)The assessor may supply cut cloth piece for stitching of frok, blouse, shirt, trousers and can measure upto what perfection the trainee is stitching the piece of clothes. |
| 10. Finish the stitched product according to demands and requirements using various accessory materials. | (10.1)The assessor may examine the demand slip and match the requirements of customer of the finished cloth products. If not found satisfactory, then she/he may ask to alter the defects. |
| 11. Execute the final steps for delivery of the finished product. | (11.1)The assessor may ask the learner to demonstrate a mock delivery of finished products. |
| 12. Estimate the cost of raw materials to manufacture bulk quantities of garment using a particular design to meet a particular design. | (12.1)The assessor may ask to submit quantity and cost estimation for the materials to be asked to make bulk quantity of clothes of particular design for a definite purpose. |
| 13.Understand and practice soft skills | (13.1) Assessor will rate the trainee on his ability to practice soft skills, including clear and concise communication, in day to day work with team and with higher authority |
| 14.Demonstrate knowledge of concept and principles of basic arithmetic and financial calculation, and apply knowledge of specific area to perform practical operations. | (104.1) Apply basic arithmetic calculations for arriving dimensional parameters as per drawing.  (14.2) Apply basic financial calculation to understand cost of materials & labour and basic concepts of profit/loss,  (14.3) Engage in basic banking transactions as customer |
| 1. Explain time management, entrepreneurship and manage/organize related task in day to day work for personal & social growth. | (15.1) Ascertain appropriate time for the assigned task.  (15.2) Execute the assigned task within time frame.  (15.3) Manage own work within specified time.  (15.4) Explain importance & factors affect the development of entrepreneurship.  (15.5) Identify service providers for developingentrepreneur/business establishment. |
| **Means of assessment 1**  There will be two types of Assessments viz. Formative and Summative. The Formative Assessment will be carried out continuously during the conduct of course and Summative Assessment will be carried out at the end of the course. Details are mentioned under means of Assessment-2. Written test, Practical examination/ Skill test & Viva voce | |
| **Means of assessment 2**   1. **Means of Formative Assessment (Total marks allotted- 350)** 2. Assignments for each module of Theory component 3. Assignments for each module of Employability Skills component 4. Continuous evaluation of each module of Practical 5. **Means of Summative Assessment(Total marks allotted- 650)** 6. Written test for Theory component 7. Written test for Employability Skills component 8. Practical Test &Viva-voce for Practical Component.   Component wise distribution of marks is given in the Annexure 2 | |
| **Pass/Fail**   |  | | --- | | **Pass/Fail**  Passing criteria is based on marks obtained in Formative and Summative Assessment taken together as mentioned in Annexure No-1   1. Minimum Marks to pass Theory component– 60% 2. Minimum Marks to pass Employability Skills component– 60% 3. Minimum Marks to pass practical component– 70% 4. Minimum attendance required to appear in the final examination- 75% | | |

**SECTION 2**

**EVIDENCE OF LEVEL**

**OPTION A**

| **Title/Name of qualification/component: Asst. House Wireman and Motor Winder Level:** 3 | | | |
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| **NSQF Domain** | **Outcomes of the Qualification/Component** | **How the outcomes relates to the NSQF level descriptors** | **NSQF Level** |
| Process | Job holder will be able to produce dresses as per order and also produce bulk dress material. | Job holder will understand and comply with safety practices while undertaking work garment manufacturing. The nature of work involved is repetitive and routine. | Level 3 |
| Professional knowledge | Job holder will be able to know detail components of sewing machines, process of measurement in different units, translate a drawing into a garment successfully. | Job holder will understand the basic concepts, facts, principles and processes in relation with garment manufacturing | Level 4 |
| Professional skill | The user/individual will know and understand how to take measurement, draw as per measurement and operate a sewing machine: | The job holder will demonstrate use of various tools and materials, machines. He/ she will be also able to demonstrate proper practices in garment manufacturing. The range of application of practical skill is narrow and repetitive. | Level 3 |
| Core skill | The job holder will be able to   * read at least two languages, preferably in the local language of the siteand basic English * read and interpret safety sign boards, signage, tags etc. provided atworkplace * speak in at least one language, preferably in one of the local languages of thesite * listen and interpret instructions / communication by co-workers * listen and follow instructions given by supervisor * orally and effectively communicate with team members * engage in basic financial and banking transactions * Understand principles of time management and entrepreneurship | The job holder will be able to communicate clearly, both in writing and orally, with co-workers, supervisors and customers. He will be able to use basic arithmetic calculations for his work and use basic banking services both on professional and personal level. | Level 3 |
| Responsibility | The job holder will work under the close supervision of supervisor and he will be responsible for complete work related to garment manufacturing. | Job holder is required to carry out functions independently and under supervision in certain cases. | Level 3 |

**SECTION 3**

**EVIDENCE OF NEED**

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| **What evidence is there that the qualification is needed?**  Government of West Bengal offers 42 courses in VIII+ category and trains approximately 1.5 lakhs beneficiaries per year through its 2400 approved VTCs since last 10 years. Assessment and Certification is done by the West Bengal State Council of Technical & Vocational Education and Skill Development for these courses. Garment Manufacturing is one of these 42 courses which are successfully conducted by Government of West Bengal. |
| **What is the estimated uptake of this qualification and what is the basis of this estimate?**  There has been significant opportunities for the particular course as the course is operational for more than 10 years |
| **What steps were taken to ensure that the qualification does not duplicate already existing or planned qualifications in the NSQF?**  This qualification is being conducted under the West Bengal State Council of Technical & Vocational Education & Skill Development under Department of Technical Education, Training and Skill Development since the academic year 2005 in Vocational Training Centres spread all over West Bengal for class- VIII+ pass dropout youths. In the state of West Bengal the Council is affiliating and awarding body for this qualification. Thus there is no other existing or planned qualification (Short term courses) in the state aligned with NSQF. |
| **What arrangements are in place to monitor and review the qualification(s)? What data will be used and at what point will the qualification(s) be revised or updated?**  The council has three well defined sub-committees namely Board of Studies and Skilling, Board of Examination and Recognition Committee. These committees monitor and review the progress of all qualifications under its purview on a regular basis.  This qualification will be reviewed and revised at an interval of three years on the basis of the outcome of the trainees, placement and self-employment data and feedback from concerned industries/employers. |

**SECTION 4**

**EVIDENCE OF PROGRESSION**

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| **What steps have been taken in the design of this or other qualifications to ensure that there is a clear path to other qualifications in this sector?**  In case of employment under an employer, he can progress to various level-wise designations, based on either experience or on obtaining subsequent qualifications. This is as shown below.  Asst. Garment Maker  Garment Maker  Garment Designer/Merchandiser |