KNITTING MACHINES

Assessment Package

National Vocational Certificate Level 2

Version 1 - July 2015















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Document Version July, 2015 **Islamabad, Pakistan**

KNITTING MACHINES

Assessment Package

National Vocational Certificate Level 2

Version 1 - July 2015





ASSESSMENT MATERIAL

EVIDENCE GUIDE

QualificationKnitting Machine Operator

SETUP KNITTING MACHINE ACCORDING TO WORK SPECIFICATION

| CS Code: Level: 2 Credit: 17 Version: 1 | |
|--|---|
| CONTENTS | Assessment Summary and Record Candidate Assessment Assessor Judgment Guide List of required tools/equipment, material and context of assessment |
| ASSESSMENT AND ASSESSOR | Competent Not Yet Competent |
| DETAILS | Assessment Re-Assessment |
| | Assessor's Name Assessor's Code |
| | Assessor's Signature Date DD MM YYYY |
| CANDIDATE DETAILS | Candidate's Name First Name Last Name |
| | Father's Name |
| | Institute Name and District |
| | CNIC/BFORM # |
| | Registration Number issued by Assessment Body |
| | Gender Male Female Transgender |
| | Candidate's Consent I agree to the time and date of the assessment and am aware of the requirements of the assessment. I fully understand my rights of appeal. |
| | Candidate's Signature |
| ASSESSMENT RESULTS SUMMARY FORM | You can use this coversheet as an Assessment Results Summary Form. Simply post a photocopy of this completed coversheet to NAVTTC |
| NAVTTC OFFICE ONLY | 1. DATE FORM DATABASE: 2. DATE ENTERED INTO DATABASE: DD MM YYYY DD MM YYYY |

ASSESSMENT SUMMARY & RECORD

| ACTIVITY | METHOD | | | | DESIRED OUTCOMES | RES | ULT |
|----------------------------------|----------|----------|-----------|-------------|--|-----|----------------------|
| NATURE OF ACTIVITY | WRITTEN | ORAL | PORTFOLIO | OBSERVATION | PESIRED OUTCOMES FOR SUCCESSFUL ASSESSMENT OF COMPETENCY STANDARD: SETUP KNITTING MACHINE CCORDING TO WORK SPECIFICATION | | NOT YET COMPETENT |
| Practical Skill Demonstration | | | | ✓ | Setup knitting machine for the fabric production | | |
| Knowledge Assessment | ✓ | ✓ | | | Answer all questions your Assessor may have during the practical assessment. | | |
| Other Requirements | | | ✓ | | • N/A | | |

CANDIDATE ASSESSMENT

| Candidate's Name | Father's Name |
|------------------|---------------|
| | |

ALL WORK ASSESSED IN THIS COMPETENCY STANDARD MUST BE YOUR OWN WORK.

GUIDANCE TO CANDIDATE

To meet this standard you are required to complete the following tasks within 1 hours timeframe:

Setup single jersey circular knitting machine for fabric production

| ACTIVITIES | CANDIDATE RESPONSE |
|---|---|
| Complete practical task of Setup knitting machine according to work specifications under observation by an assessor Other requirements | During a practical assessment, under observation by an assessor, I will correctly: Setup single jersey circular knitting machine for fabric production ✓ Arrange yarn according to the provided job order ✓ Check, replace/install needles in the single jersey circular knitting machine according to the provided job order ✓ Set knitting cams in the single jersey circular knitting machine according to the provided job order ✓ Load yarn into creels according to the fabric structure |
| 3. Answer any questions your assessor may have during the practical assessment | My answers to questions are correct and demonstrate my understanding of the topics and their application. |

ASSESSOR JUDGEMENT GUIDE

| Candidate's Name . | Father's Name |
|---------------------------------|--|
| INSTRUCTIONS FOR ASSESSOR | This section contains minimum evidence requirements. Oral questioning may be used to clarify candidate understanding of the topic and its application. |

| ACTIVITIES | MINIMUM EVIDENCE REQUIRED | YES | NO | ASSESSOR COMMENTS |
|--|---|-----|----|----------------------|
| 1. Complete practical task of setup knitting machine according to work specifications under observation by an assessor | During a practical assessment, under observation by an assessor, the candidate correctly carried out the following tasks: | | | |
| Prepare knitting machine for fabric | Arranged yarn according to the provided job order | | | |
| production | Checked, replaced/installed needles in the single jersey circular knitting machine according to the provided job order | | | |
| | Set knitting cams in the single jersey circular knitting machine according to the provided job order | | | |
| | Loaded yarn into creels according to the fabric structure | | | |
| 2. Other requirements | NA | | | |

| 3. Answer any questions the | Candidate's answers to questions are correct and demonstrate understanding of the topics and their application. | | |
|---|---|--|--|
| assessor may have during the practical assessment | Assessor to document below all questions asked and candidate answers. Use extra sheets if required and attach. | | |
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LIST OF TOOLS, EQUIPMENT, MATERIAL AND CONTEXT OF ASSESSMENT

| | This section contains information regarding; |
|---------------------------|--|
| INSTRUCTIONS | Context of the assessment List of required tools and equipment. |
| | List of consumable items required during the service |
| Context of Assessment | This task will be performed in real time/simulated environment. |

| 2. Lis | 2. List of tools and equipment required (for five candidates) | | | | | |
|--------|---|----------|--|--|--|--|
| S. No | Items | Quantity | | | | |
| 1. | Circular Single Jersey Knitting Machine | 1 | | | | |
| 2. | Circular knitting needle MB 4 model with 30 diameter and 24 gauge | 2250 | | | | |
| 3. | Circular Single Jersey Knit Cams 1 track | 96 | | | | |
| 4. | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |

| 3. Lis | 3. List of consumable items required (for five candidates) | | | | | |
|--------|--|--------------------|--|--|--|--|
| S. No | Items | Quantity | | | | |
| 1 | 24 single yarn for circular single jersey knitting machine | 4 bags | | | | |
| | | (Per bag 24 cones) | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |





ASSESSMENT MATERIAL

EVIDENCE GUIDE

QualificationKnitting Machine Operators

CS Code: Level: 2 Credit: 17 Version: 1

CONTENTS

CARRYOUT KNITTING MACHINE OPERATIONS

| | Candidate Assessment Assessor Judgment Guide List of required tools/equipm | nent, material and context of assessment | | |
|---------------------------------------|--|--|-----------------------------------|--|
| ASSESSMENT AND ASSESSOR | Competent | Not Yet Competent | | |
| DETAILS | Assessment | Re-Assessment | | |
| | Assessor's Name | Assessor's Co | de | |
| | Assessor's Signature | Date | DD MM YYYY | |
| CANDIDATE DETAILS | Candidate's Name | First Name | ast Name | |
| | Father's Name | | | |
| | Institute Name and District | | | |
| | CNIC/BFORM # | | | |
| | Registration Number issued by Assessment Body | | | |
| | Gender | Male Female Transgender | | |
| | Candidate's Consent | I agree to the time and date of the assessmer of the assessment. I fully understand my right | | |
| | Candidate's Signature | , , | | |
| ASSESSMENT RESULTS SUMMARY FORM | You can use this coversheet as an | n Assessment Results Summary Form. Simply p coversheet to NAVTTC | ost a photocopy of this completed | |
| NAVTTC OFFICE ONLY | 1. DATE FORM RECEIVED: DD MM | 2. DATE ENTERED INTO DATABASE: | DD MM YYYY | |
| Carrying out Knitting Machine Open | ations | NAVTTC March 2016 | Page 1 of 6 | |

1. Assessment Summary and Record

ASSESSMENT SUMMARY & RECORD

| ACTIVITY | METHOD | | | | DESIRED OUTCOMES | RES | ULT |
|----------------------------------|----------|----------|-----------|-------------|---|-----|----------------------|
| NATURE OF ACTIVITY | WRITTEN | ORAL | PORTFOLIO | OBSERVATION | DESIRED OUTCOMES FOR SUCCESSFUL ASSESSMENT OF COMPETENCY STANDARD: CARRYOUT KNITTING OPERATIONS | | NOT YET COMPETENT |
| Practical Skill Demonstration | | | | ✓ | Carryout knitting operations to produce fabric on knitting machines | | |
| Knowledge Assessment | ✓ | ✓ | | | Answer all questions your Assessor may have during the practical assessment. | | |
| Other Requirements | | | ✓ | | • N/A | | |

CANDIDATE ASSESSMENT

| Candidate's Name | Father's Name |
|------------------|---------------|
| | |

ALL WORK ASSESSED IN THIS COMPETENCY STANDARD MUST BE YOUR OWN WORK.

GUIDANCE TO CANDIDATE

To meet this standard you are required to complete the following tasks within 1 hours timeframe:

Produce and pack 2 kilograms single jersey fabric on circular knitting machine

| ACTIVITIES | CANDIDATE RESPONSE |
|--|---|
| Complete practical task of Carryout knitting operations under observation by an assessor | Produce and pack 2 kilograms single jersey fabric on circular knitting machine ✓ Knot yarn on feeders to start production of single jersey fabric ✓ Start single jersey circular knitting machine for production ✓ Take sample of single jersey fabric from the machine in the start of production and match it with the provided sample swatch. ✓ Monitor circular knitting machine operations to detect and fix the faults of needle damage, yarn breakage, yarn variation, thick and thin fabric, needle shade, needle hole, sinker line, double hooked and oil leakage. ✓ Check the circular knitting machine for 50 counters/regulations to verify 2 kg single jersey fabric production. ✓ Cut 2 kg single jersey fabric roll from circular knitting machine using scissors ✓ Drop 2 kg single jersey fabric roll on fabric inspection machine to check the quality of fabric based on 4 point system ✓ Mark / paste barcode sticker having fabric details on 2 kg single jersey fabric roll |
| 2. Other requirements | • N/A |
| 3. Answer any questions your assessor may have during the practical assessment | My answers to questions are correct and demonstrate my understanding of the topics and their application. |

ASSESSOR JUDGEMENT GUIDE

| Candidate's Name . | Father's Name |
|---------------------------------|--|
| INSTRUCTIONS FOR ASSESSOR | This section contains minimum evidence requirements. Oral questioning may be used to clarify candidate understanding of the topic and its application. |

| ACTIVITIES | MINIMUM EVIDENCE REQUIRED | YES | NO | ASSESSOR COMMENTS |
|--|--|-----|----|----------------------|
| 1. Complete practical task of setup knitting machine according to work specifications under observation by an assessor | During a practical assessment, under observation by an assessor, the candidate correctly carried out the following tasks: | | | |
| Carryout knitting operations to produce | Knotted yarn on feeders to start production of single jersey fabric | | | |
| fabric on knitting machines | Started single jersey circular knitting machine for production | | | |
| | Took sample of single jersey fabric from the machine in the start of production and match it with the provided sample swatch. | | | |
| | Monitored circular knitting machine operations to detect and fix the faults of needle damage, yarn breakage, yarn variation, thick and thin fabric, needle shade, needle hole, sinker line, double hooked and oil leakage. | | | |
| | Checked the circular knitting machine for 50 counters/regulations to verify 2 kg single jersey fabric production. | | | |
| | Cut 2 kg single jersey fabric roll from circular knitting machine using scissors | | | |
| | Dropped 2 kg single jersey fabric roll on fabric inspection machine to check the quality of fabric based on 4 point system | | | |
| | Mark / paste barcode sticker having fabric details on 2 kg single jersey fabric roll | | | |
| 2. Other requirements | NA | | | |

| 3. Answer any questions the | Candidate's answers to questions are correct and demonstrate understanding of the topics and their application. | | |
|---|---|--|--|
| assessor may have during the practical assessment | Assessor to document below all questions asked and candidate answers. Use extra sheets if required and attach. | | |
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LIST OF TOOLS, EQUIPMENT, MATERIAL AND CONTEXT OF ASSESSMENT

| INSTRUCTIONS | This section contains information regarding; Context of the assessment List of required tools and equipment. |
|--------------------------|---|
| 1. Context of Assessment | List of consumable items required during the service This task will be performed in real time/simulated environment. |

| 2. Lis | 2. List of tools and equipment required (for five candidates) | | | | |
|--------|---|----------|--|--|--|
| S. No | Items | Quantity | | | |
| 1. | Circular Single Jersey Knitting Machine | 1 | | | |
| 2. | Fabric Cutter for GSM | 5 | | | |
| 3. | Fabric Inspection Table | 1 | | | |
| 4. | Scissors | 5 | | | |
| 5 | Weighing Scale | 1 | | | |
| 6 | Yarn Rate Testing Meter | 5 | | | |
| 7 | Yarn Tension Meter | 5 | | | |

| 3. Lis | 3. List of consumable items required (for five candidates) | | | | | |
|--------|--|--------------------|--|--|--|--|
| S. No | Items | Quantity | | | | |
| 1 | 24 single yarn for circular single jersey knitting machine | 4 bags | | | | |
| | | (Per bag 24 cones) | | | | |
| 2 | Gear oil | 3 litters | | | | |
| 3 | White oil | 3 litters | | | | |
| 4 | Barcode sticker | 5 pcs | | | | |
| 5 | | | | | | |





ASSESSMENT MATERIAL

EVIDENCE GUIDE

Qualification

Knitting Machines Operators

CS Code:

CARRY OUT REPAIR AND MAINTENANCE OF KNITTING MACHINES

| Level: 2 Credit: 17 | | | | | |
|------------------------------------|--|--|--|--|--|
| Version: 1 | | | | | |
| CONTENTS | Assessment Summary and Record Candidate Assessment Assessor Judgment Guide List of required tools/equipment, material and context of assessment | | | | |
| ASSESSMENT AND ASSESSOR DETAILS | Competent Not Yet Competent | | | | |
| | Assessment Re-Assessment | | | | |
| | Assessor's Name Assessor's Code | | | | |
| | Assessor's Signature Date DD MM YYYY | | | | |
| CANDIDATE DETAILS | Candidate's Name First Name Last Name | | | | |
| | Father's Name | | | | |
| | Institute Name and District | | | | |
| | CNIC/BFORM # | | | | |
| | Registration Number issued by Assessment Body | | | | |
| | Gender Male Female Transgender | | | | |
| | Candidate's Consent I agree to the time and date of the assessment and am aware of the requirement of the assessment. I fully understand my rights of appeal. | | | | |
| | Candidate's Signature | | | | |
| ASSESSMENT RESULTS SUMMARY FORM | You can use this coversheet as an Assessment Results Summary Form. Simply post a photocopy of this completed coversheet to NAVTTC | | | | |
| NAVTTC OFFICE ONLY | 1. DATE FORM RECEIVED: DD MM YYYY 2. DATE ENTERED INTO DATABASE: DD MM YYYY | | | | |

ASSESSMENT SUMMARY & RECORD

| ACTIVITY | METHOD | | | DESIRED OUTCOMES | RES | ULT | |
|----------------------------------|----------|----------|-----------|------------------|--|-----------|----------------------|
| NATURE OF ACTIVITY | WRITTEN | ORAL | PORTFOLIO | OBSERVATION | DESIRED OUTCOMES FOR SUCCESSFUL ASSESSMENT OF COMPETENCY STANDARD: CARRY OUT REPAIR AND MAINTENANCE OF KNITTING MACHINES | COMPETENT | NOT YET COMPETENT |
| Practical Skill Demonstration | | | | ✓ | Perform periodical repair and maintenance of knitting machines | | |
| Knowledge Assessment | ✓ | ✓ | | | Answer all questions your Assessor may have during the practical assessment. | | |
| Other Requirements | | | ✓ | | • N/A | | |

CANDIDATE ASSESSMENT

| Candidate's Name | Father's Name |
|------------------|---------------|
| | |

ALL WORK ASSESSED IN THIS COMPETENCY STANDARD MUST BE YOUR OWN WORK.

GUIDANCE TO CANDIDATE

To meet this standard you are required to complete the following tasks within 1 hour timeframe:

• Perform repair and maintenance of single jersey circular knitting machine

| ACTIVITIES | CANDIDATE RESPONSE |
|--|---|
| Complete practical task | During a practical assessment, under observation by an assessor, I will correctly : |
| of carry out repair and maintenance | Perform repair and maintenance of single jersey circular knitting machine ✓ Check and repair/replace the single jersey circular knitting machine needles and needle quality |
| of knitting machines according to | timings. ✓ Check and repair/replace the single jersey circular knitting machine yarn feeders and yarn carrier timings. |
| work specifications under | ✓ Check and repair/replace the single jersey circular knitting machine cam boxes. ✓ Check and repair/replace the single jersey circular knitting machine sinker boxes and sinker timings. |
| observation by an assessor | Check and repair/replace the single jersey circular knitting machine master wheel timing. Clean the single jersey circular knitting machine needles, cam boxes, sinkers, winder, main bearing, cylinder, top kit and total machine area with cloth and air compressor. Perform oiling of the single jersey circular knitting machine gear box. Perform greasing of the single jersey circular knitting machine main bed, main bearing, winder, |
| 2. Other requirements | winder box, winder shafts, motor shaft and master wheel. • N / A |
| 3. Answer any questions your assessor may have during the practical assessment | My answers to questions are correct and demonstrate my understanding of the topics and their application. |

ASSESSOR JUDGEMENT GUIDE

| Candidate's Name . | Father's Name |
|---------------------------------|--|
| INSTRUCTIONS FOR ASSESSOR | This section contains minimum evidence requirements. Oral questioning may be used to clarify candidate understanding of the topic and its application. |

| ACTIVITIES | MINIMUM EVIDENCE REQUIRED | YES | NO | ASSESSOR COMMENTS |
|--|--|-----|----|----------------------|
| 1. Complete practical task of setup knitting machine according to work specifications under observation by an assessor | During a practical assessment, under observation by an assessor, the candidate correctly carried out the following tasks: | | | |
| Perform periodical maintenance as per schedule | Checked and repaired/replaced the single jersey circular knitting machine needles and needle quality timings. Checked and repaired/replaced the single jersey circular knitting | | | |
| Solicatio | machine yarn feeders and yarn carrier timings. Checked and repaired/replaced the single jersey circular knitting | | | |
| | machine cam boxes. Checked and repaired/replaced the single jersey circular knitting | | | |
| | machine sinker boxes and sinker timings. | | | |
| | Checked and repaired/replaced the single jersey circular knitting machine master wheel timing. | | | |
| | Cleaned the single jersey circular knitting machine needles, cam boxes, sinkers, winder, main bearing, cylinder, top kit and total machine area with cloth and air compressor. | | | |
| | Performed oiling of the single jersey circular knitting machine gear box. | | | |
| | Performed greasing of the single jersey circular knitting machine main bed, main bearing, winder, winder box, winder shafts, motor shaft and master wheel. | | | |
| 2. Other requirements | NA | | | |

| | | 1 | |
|----------------------|--|---|--|
| 3. Answer any | Candidate's answers to questions are correct and demonstrate | | |
| questions the | understanding of the topics and their application. | | |
| assessor may have | · 11 · · · · | | |
| during the practical | Assessor to document below all questions asked and candidate | | |
| during the practical | Assessor to document below an questions asked and candidate | | |
| assessment | answers. Use extra sheets if required and attach. | | |
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LIST OF TOOLS, EQUIPMENT, MATERIAL AND CONTEXT OF ASSESSMENT

| | This section contains information regarding; | | | |
|---------------------------|--|--|--|--|
| INSTRUCTIONS | Context of the assessment List of required tools and equipment. | | | |
| | List of consumable items required during the service | | | |
| Context of Assessment | This task will be performed in real time/simulated environment. | | | |

| 2. Lis | 2. List of tools and equipment required (for five candidates) | | | |
|--------|---|----------|--|--|
| S. No | Items | Quantity | | |
| 1. | Circular Single Jersey Knitting Machine | 1 | | |
| 2. | Circular knitting needle MB 4 model with 30 diameter and 24 gauge | 2250 | | |
| 3. | Circular Single Jersey Knit Cams 1 track | 96 | | |
| 4. | Circular Single Jersey Knitting Sinkers | 2250 | | |
| 5. | Air Compressor 8 Bars | 1 | | |
| 6. | Fabric Inspection Table | 1 | | |
| 7. | Fabric Cutter for GSM | 5 | | |
| 8. | Weighing Scale | 1 | | |
| 9. | Yarn Rate Testing Meter | 5 | | |
| 10. | Yarn Tension Meter | 5 | | |

| 3. Lis | st of consumable items required (for five candidates) | |
|--------|--|--------------------|
| S. No | Items | Quantity |
| 1 | 24 single yarn for circular single jersey knitting machine | 4 bags |
| | | (Per bag 24 cones) |
| 2 | Cleaning Cloth 2 square feet | 5 pcs |
| 3 | Grease | 1 kg |
| 4 | Gear Oil | 3 litters |
| 5 | White Oil | 3 litters |





ASSESSMENT MATERIAL

EVIDENCE GUIDE

QualificationKnitting Machines Operator

CS Code: Level: 2 Credit: 80 Version: 1

KNITTING MACHINE OPERATOR

| Version: 1 | | |
|---------------------------------------|--|--|
| CONTENTS | Assessment Summary and Reco Candidate Assessment Assessor Judgment Guide List of required tools/equipment, | material and context of assessment |
| ASSESSMENT AND ASSESSOR DETAILS | Competent | Not Yet Competent |
| | Assessment | Re-Assessment |
| | Assessor's Name | Assessor's Code |
| | Assessor's Signature | Date DD MM YYYY |
| CANDIDATE DETAILS | Candidate's Name | First Name Last Name |
| | Father's Name | |
| | Institute Name and District | |
| | CNIC/BFORM # | |
| | Registration Number issued by Assessment Body | |
| | Gender | Male Female Transgender |
| | Candidate's Consent | I agree to the time and date of the assessment and am aware of the requirements of the assessment. I fully understand my rights of appeal. |
| | Candidate's Signature | of the assessment. I fully understand my rights of appear. |
| ASSESSMENT RESULTS SUMMARY FORM | You can use this coversheet as an A | Assessment Results Summary Form. Simply post a photocopy of this completed coversheet to NAVTTC |
| NAVTTC OFFICE ONLY | 1. DATE FORM DD MM | 2. DATE ENTERED INTO DATABASE: DD MM YYYY |

ASSESSMENT SUMMARY & RECORD

| ACTIVITY | METHOD | | | DESIRED OUTCOMES | RES | ULT | |
|----------------------------------|----------|----------|-----------|------------------|---|-----------|----------------------|
| NATURE OF ACTIVITY | WRITTEN | ORAL | PORTFOLIO | OBSERVATION | DESIRED OUTCOMES FOR SUCCESSFUL ASSESSMENT OF QUALIFICATION: KNITTING MACHINE OPERATOR | COMPETENT | NOT YET COMPETENT |
| Practical Skill Demonstration | | | | ✓ | Setup knitting machine for the fabric production Carryout knitting operations to produce fabric on knitting machines Perform periodical repair and maintenance of knitting machines | | |
| Knowledge Assessment | ✓ | ✓ | | | Answer all questions your Assessor may have during the practical assessment. | | |
| Other Requirements | | | ✓ | | • N/A | | |

CANDIDATE ASSESSMENT

| Candidate's Name | Father's Name |
|------------------|---------------|
| | |

ALL WORK ASSESSED IN THIS COMPETENCY STANDARD MUST BE YOUR OWN WORK.

GUIDANCE TO CANDIDATE

To meet this standard you are required to complete the following tasks within 3 hours timeframe:

- Setup single jersey circular knitting machine for fabric production
- Produce and pack 2 kilograms single jersey fabric on circular knitting machine
- Perform repair and maintenance of single jersey circular knitting machine

| ACTIVITIES | CANDIDATE RESPONSE |
|---|---|
| 1. Complete practical task of carry out repair and maintenance of knitting machines according to work specifications under observation by an assessor | During a practical assessment, under observation by an assessor, I will correctly: Setup single jersey circular knitting machine for fabric production Arrange yarn according to the provided job order Check, replace/install needles in the single jersey circular knitting machine according to the provided job order Set knitting cams in the single jersey circular knitting machine according to the provided job order Set knitting cams in the single jersey circular knitting machine according to the provided job order Load yarn into creels according to the fabric structure Produce and pack 2 kilograms single jersey fabric on circular knitting machine Knot yarn on feeders to start production of single jersey fabric Start single jersey circular knitting machine for production Take sample of single jersey fabric from the machine in the start of production and match it with the provided sample swatch. Monitor circular knitting machine operations to detect and fix the faults of needle damage, yarn breakage, yarn variation, thick and thin fabric, needle shade, needle hole, sinker line, double hooked and oil leakage. Check the circular knitting machine for 50 counters/regulations to verify 2 kg single jersey fabric production. Cut 2 kg single jersey fabric roll from circular knitting machine using scissors Drop 2 kg single jersey fabric roll on fabric inspection machine to check the quality of fabric based on 4 point system Mark / paste barcode sticker having fabric details on 2 kg single jersey fabric roll Perform repair and maintenance of single jersey circular knitting machine needles and needle quality timings. Check and repair/replace the single jersey circular knitting machine sinker boxes and sinker timings. Check and repair/replace the single jersey circular knitting machine master wheel timing. Check and repair/replace the single jersey circular knitting machine master wheel timing. Check and repair/replace the single jersey circular knitting machine sinker boxes and sinker timings. Check and re |

| 2. Other requirements | • N/A |
|--|---|
| 3. Answer any questions your assessor may have during the practical assessment | My answers to questions are correct and demonstrate my understanding of the topics and their application. |

ASSESSOR JUDGEMENT GUIDE

| Candidate's Name . | Father's Name |
|---------------------------------|--|
| INSTRUCTIONS FOR ASSESSOR | This section contains minimum evidence requirements. Oral questioning may be used to clarify candidate understanding of the topic and its application. |

| ACTIVITIES | MINIMUM EVIDENCE REQUIRED | YES | NO | ASSESSOR COMMENTS |
|--|--|-----|----|----------------------|
| Complete practical task of knitting machine operators under observation by an assessor | During a practical assessment, under observation by an assessor, the candidate correctly carried out the following tasks: | | | |
| Setup single jersey circular knitting | Arranged yarn according to the provided job order | | | |
| machine for fabric production | Checked, replaced/installed needles in the single jersey circular knitting machine according to the provided job order | | | |
| | Set knitting cams in the single jersey circular knitting machine according to the provided job order | | | |
| | Loaded yarn into creels according to the fabric structure | | | |
| Produce and pack 2 kilograms single | Knotted yarn on feeders to start production of single jersey fabric | | | |
| jersey fabric on circular knitting | Started single jersey circular knitting machine for production | | | |
| machine | Taken sample of single jersey fabric from the machine in the start of production and match it with the provided sample swatch. | | | |
| | Monitored circular knitting machine operations to detect and fix the faults of needle damage, yarn breakage, yarn variation, thick and thin fabric, needle shade, needle hole, sinker line, double hooked and oil leakage. | | | |
| | Checked the circular knitting machine for 50 counters/regulations to verify 2 kg single jersey fabric production. | | | |
| | Cut 2 kg single jersey fabric roll from circular knitting machine using scissors | | | |
| | Dropped 2 kg single jersey fabric roll on fabric inspection machine to check the quality of fabric based on 4 point system | | | |
| | Mark / paste barcode sticker having fabric details on 2 kg single jersey fabric roll | | | |
| Perform repair and maintenance of | Checked and repaired/replaced the single jersey circular knitting machine needles and needle quality timings. | | | |
| single jersey circular knitting machine | Checked and repaired/replaced the single jersey circular knitting machine yarn feeders and yarn carrier timings. | | | |
| | Checked and repaired/replaced the single jersey circular knitting machine cam boxes. | | | |
| | Checked and repaired/replaced the single jersey circular knitting machine sinker boxes and sinker timings. | | | |
| | Checked and repaired/replaced the single jersey circular knitting machine master wheel timing. | | | - |
| | Cleaned the single jersey circular knitting machine needles, cam boxes, sinkers, winder, main bearing, cylinder, top kit and total machine area with cloth and air compressor. | | | - |
| | Performed oiling of the single jersey circular knitting machine gear box. | | | |

| | Performed greasing of the single jersey circular knitting machine main bed, main bearing, winder, winder box, winder shafts, motor shaft and master wheel. | | |
|--|--|---|--|
| 2. Other requirements | [All other requirements related to the Assessment] | | |
| 3. Answer any | Candidate's answers to questions are correct and demonstrate | Ι | |
| questions the assessor may have during the practical assessment | understanding of the topics and their application. Assessor to document below all questions asked and candidate answers. Use extra sheets if required and attach. | | |
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LIST OF TOOLS, EQUIPMENT, MATERIAL AND CONTEXT OF ASSESSMENT

| | This section contains information regarding; |
|---------------------------|--|
| INSTRUCTIONS | Context of the assessment List of required tools and equipment. List of consumable items required during the service |
| Context of Assessment | This task will be performed in real time/simulated environment. |

| 2. List of tools and equipment required (for five candidates) | | |
|---|---|----------|
| S. No | Items | Quantity |
| 1. | Circular Single Jersey Knitting Machine | 1 |
| 2. | Circular knitting needle MB 4 model with 30 diameter and 24 gauge | 2250 |
| 3. | Circular Single Jersey Knit Cams 1 track | 96 |
| 4. | Circular Single Jersey Knitting Sinkers | 2250 |
| 5. | Air Compressor 8 Bars | 1 |
| 6. | Fabric Inspection Table | 1 |
| 7. | Fabric Cutter for GSM | 5 |
| 8. | Weighing Scale | 1 |
| 9. | Yarn Rate Testing Meter | 5 |
| 10. | Scissors | 5 |
| 11. | Yarn Tension Meter | 5 |

| 3. List of consumable items required (for five candidates) | | | | |
|--|--|--------------------|--|--|
| S. No | Items | Quantity | | |
| 1 | 24 single yarn for circular single jersey knitting machine | 4 bags | | |
| | | (Per bag 24 cones) | | |
| 2 | Cleaning Cloth 2 square feet | 5 pcs | | |
| 3 | Grease | 1 kg | | |
| 4 | Barcode sticker | 5 pcs | | |
| 5 | Gear Oil | 3 litters | | |
| 6 | White Oil | 3 litters | | |

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