**Ministry of Education**

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**Occupation: Spinning and Ginning Operations L-III**

 **Materials to be used per one candidate:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  **No** | **Item description**  | **Unit** | **Quantity** | **Specification** | **Remark** |
| 1 | fibre | Kg | 1 | Synthetic or natural fibre |  |

**Tools & Equipment per candidate**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Items** | **Qty** | **Unit** | **Specification** |
|  | **Spinning** |  |  | **As standard** |
| 1 | Mixing & blending machine | 1 | unit | **As standard** |
| 2 | Carding machine | 1 | unit  | **As standard** |
| 3 | Drawing machine | 1 | unit | **As standard** |
| 4 | Roving machine  | 1 | unit | **As standard** |
| 5 | Ring machine | 1 | unit | **As standard** |
| 6 | Winding machine | 1 | unit | **As standard** |
| 7 | Twister machine | 1 | unit | **As standard** |
| 8 | Bundle fiber strength tester | 1 | Pc | **As standard** |
| 9 | High volume instrument/AFIS | 1 | Pc | **As standard** |
| 10 | Comb sorter | 1 | Pc | **As standard** |
| 11 | Fineness tester | 1 | Pc | **As standard** |
| 12 | Trash analyser | 1 | Pc | **As standard** |
| 13 | Weighing balance | 1 | Pc | **As standard** |
| 13 | Wrap reel | 1 | Pc | **As standard** |
| 14 | Twist tester | 1 | Pc | **As standard** |
| 15 | Single end yarn strength tester | 1 | Pc | **As standard** |
| 16 | Lea strength tester | 1 | Pc | **As standard** |
| 17 | Count balance | 1 | Pc | **As standard** |
| 18 | Conditioners | 1 | Pc | **As standard** |
| 19 | dryers | 1 | pc | **As standard** |
|  | **Ginning**  |  |  | **As standard** |
| 1 | Feeder and dryer | 1 | Pc | **As standard** |
| 2 | Stick machine | 1 | Pc | **As standard** |
| 3 | Lint cleaner | 1 | Pc | **As standard** |
| 4 | Extractor feeder | 1 | Pc | **As standard** |
| 5 | Gin stand | 1 | Pc | **As standard** |
| 6 | Bale press | 1 | Pc | **As standard** |

Note: Materials and tools may be modified by the Assessor, depending on the actual job performed, and location & the standard installation practices of the country.

**Materials, tools and equipment**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Items** | **Qty** | **Unit** | **Specification** |
| 1 | Cotton fiber | 5 | Kg  | Standard  |
| 4 | Tacko meter  | 1 | pc | standard |
| 5 | Stop watch | 1 | pc | standard |
| 6 | Psychrometer  | 1 | pc | standard |
| 7 | Screw driver | 1 | pc | standard |
| 8 | Mask  | 1 | pc | standard |
| 9 | Work wear | 1 | pc | standard |
| 1 | Stop watch | 1 | pc | standard |
| 1 | Card machine | 1 | pc | standard |
| 2 | Can  | 1 | pc | standard |

**Materials, tools & equipment**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Items** | **Qty** | **Unit** | **Specification** |
| 1 | Roving bobbin  | 3 | pc | Standard  |
| 2 | Lubricant  | 100 | ml | Standard |
| 1 | Knife  | 1 | Pc | standard |
| 2 | Hook | 1 | Pc | standard |
| 3 | Vacuum cleaner | 1 | Pc | standard |
| 4 | Wooden stick | 1 | pc | Standard |
| 5 | Knife  | 1 | Pc | standard |
| 6 | Working cloth | 1 | Pc  | Standard  |
| 7 | Glove  | 1 | pc | Standard  |
| 1 | Ring frame | 1 | pc | Standard  |
| 2 | Trolley  | 1 | pc | Standard  |

**Materials, tools and equipment**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Items** | **Qty** | **Unit** | **Specification** |
| 1 | Roving Bobbin  | 6 | kg  | Standard  |
| 2 | Cop  | 1 | pc | Standard |
| 1 | Knife  | 1 | Pc | standard |
| 2 | Hook | 1 | Pc | standard |
| 3 | Vacuum cleaner | 1 | Pc | standard |
| 4 | Wooden stick | 1 | pc | Standard |
| **Equipment**  |
| **No.** | **Items** | **Qty** | **Unit** | **Specification** |
| 1 | Ring frame | 1 | pc | Standard |

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