

**List of Designated Trades under the Apprentices Act, 1961**

SCHEDULE – I

[ See rule 3 (1) and rule 7 (1)]

| Sl. No.  | Designated Trades | N.C.O. Code No.  | Period of Apprenticeship Training | National Council for Vocational Training approved trades or State Council for Vocational Training approved trades or Apprenticeship trades | Rebate allowed in Apprenticeship Training | Essential/ Desirable Educational Qualifications  |
|--|-------------------|--|-----------------------------------|--|---|--|
| 1  | 2                 | 3  | 4                                 | 5  | 6   | 7  |
| <b>Group No.1 – Machine Shop Trades Group:</b> |                   |  |                                   |  |   |  |
| 1.   | Fitter            | 7233.10, 7233.20   | Two years                         | 1. Fitter  | One year                                  | Passed 10 <sup>th</sup> class examination with Science and Mathematics under 10+2 system of education or its equivalent. |
| 2.   | Turner            | 8211.15  | Two years                         | 1. Turner  | One year                                  | Passed 10 <sup>th</sup> class examination with Science and Mathematics under 10+2 system of education or its equivalent. |
| 3.   | Machinist         | 8211.10,8211.15<br>8211.22,8211.28<br>8211.30,8211.32<br>8211.36,8211.38 | Two years                         | 1. Machinist   | One year                                  | Passed 10 <sup>th</sup> class examination with Science and Mathematics under 10+2 system of education or its equivalent. |

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| 4.  | Machinist (Grinder)     | 7224.10, 7224.30<br>7224.40, 7224.45<br>8211.15 | Two years                 | 1. Machinist (Grinder)<br>2. Machinist<br>3. Turner | One year<br>One year<br>One year | Passed 10 <sup>th</sup> class examination with Science and Mathematics under 10+2 system of education or its equivalent. |
| <b>Group No.2 – Foundry Trades Group:</b>       |                         |   |                           |   |                                  |  |
| 1.  | Pattern Maker           | 7522.1000                                       | Two years                 | 1. Carpenter<br>2. Pattern Maker                    | Three months<br>Three months     | Passed 8 <sup>th</sup> class Examination under 10+2 system of education or its equivalent.                               |
| 2.  | Foundryman              | 7211.50, 8123.10                                | Two years                 | 1. Foundryman                                       | One year                         | Passed 10 <sup>th</sup> class examination with Science and Mathematics under 10+2 system of education or its equivalent. |
| <b>Group No.3 – Metal Working Trades Group:</b> |                         |   |                           |   |                                  |  |
| 1.  | Forger and Heat Treater | 7221.50,7223.30<br>8152.75,8152.90              | Two years                 | ---   | ---                              | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                              |
| 2.  | Sheet Metal Worker      | 7213.10,7213.30<br>7213.90,8211.61              | Two years                 | 1. Sheet Metal Worker                               | One year                         | Passed 8 <sup>th</sup> class examination from a recognised school.   |
| 3.  | Welder (Gas & Electric) | 7212.10,7212.20<br>7212.40,7212.50<br>7212.65   | One year and three months | 1. Welder   | Three months                     | Passed 8 <sup>th</sup> class examination from a recognised school.   |

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| 4.  | Motor Vehicle Body Builder               | 7422.25 7422.30 | Two years | 1. Sheet Metal Worker<br>2. Welder          | One year<br>One year | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                              |
| <b>Group No.4 –Electrical Trades Group:</b> |  |                 |           |   |                      |  |
| 1.  | Electrician                              | 7137.10,7241.20 | Two years | 1. Electrician                              | One year             | Passed 10 <sup>th</sup> class examination with Science and Mathematics under 10+2 system of education or its equivalent. |
| 2.  | Lineman                                  | 7245.10         | Two years | 1. Wireman<br>2. Electrician                | One year<br>One year | Passed 8 <sup>th</sup> class examination from a recognised school.   |
| 3.  | Wireman                                  | 7137.20         | Two years | 1. Wireman<br>2. Electrician                | One year<br>One year | Passed 8 <sup>th</sup> class examination from a recognised school.   |
| 4.  | Mechanic Auto Electrical and Electronics | 7241.10,7241.70 | Two years | 1. Mechanic Auto Electrical and Electronics | One year             | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                              |
| 5.  | Electrician Aircraft                     | 7241.60         | Two years | 1. Electrician                              | One year             | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                              |
| 6.  | Electrical Winder                        | 7241.40         | Two years | 1. Electrician                              | One year             | Passed 10 <sup>th</sup> class examination under 10+2 system of   |

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|  |                     |                 |             |                               |                      | education with Science and Math as a subject or its equivalent.  |
| 7.   | Cable Jointer       | 7245.20         | Two years   | 1. Wireman<br>2. Electrician  | One year<br>One year | Passed 8 <sup>th</sup> class examination from a recognised school.   |
| 8.   | Electrician (Mines) | 851.15          | Three years | Electrician                   | Two years            | Passed 10 <sup>th</sup> class examination under 10+2 system of education with Science (Physics and Chemistry) as one of subject or its equivalent. |
| 9.   | Electroplater       | 8223.10         | Two years   | 1. Electroplater              | One year             | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.  |
| <b>Group No.5 – Building and Furniture Trades Group:</b> |                     |                 |             |                               |                      |  |
| 1.   | Carpenter           | 7124.10,7124.20 | Two years   | 1. Carpenter                  | One year             | Passed 8 <sup>th</sup> class examination from a recognised school.   |
| 2.   | Plumber             | 7136.10,7136.30 | Two years   | 1. Plumber                    | One year             | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.  |
| 3.   | Mason (Building)    | 7122.20         | Two years   | 1. Mason Building Constructor | One year             | Passed 8 <sup>th</sup> class examination under   |

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|    | Constructor)                    |                |                           |  |                                  | 10+2 system of education or its equivalent.   |
| 4. | Furniture and Cabinet Maker     | 812.10, 812.20 | Three years               | Carpenter  | One year                         | Passed 8 <sup>th</sup> class examination under 10+2 system of education with science as subject or its equivalent.<br><br>'Desirable':- Passed in 10 <sup>th</sup> class examination under 10+2 system of education with Science as one of the subject or its equivalent. |
| 5. | Sports Goods Maker (Wood)       | 819.70         | Two years                 | Sports Goods Maker (Wood)                                      | One year                         | Passed 8 <sup>th</sup> class examination under 10+2 system of education or its equivalent.  |
| 6, | Mechanic (Lift and Escalator)   | 8333.70        | Two years                 | 1. Mechanic (Lift and Escalator)<br><br>2. Lift Mechanic       | One year<br><br>One year         | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.   |
| 7. | Building Maintenance Technician | 3112.90        | One year and three months | 1. Mason (Building Constructor)<br><br>2. Building maintenance | Three months<br><br>Three months | Passed 10 <sup>th</sup> class examination under 10+2 system of education with Science and Mathematics or its equivalent.  |

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| 8.  | Architectural Assistant                  | 3118.10         | Two years                 | 1. Architectural Assistant                | One year                     | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.  |
| 9.  | Sanitary Hardware Fitter                 | 7136.10         | One year and three months | 1. Sanitary Hardware Fitter<br>2. Plumber | Three months<br>Three months | Passed 8th class examination from a recognised school.   |
| 10.   | Interior Designer and Decorator          | 3471.10         | Two years                 | 1. Interior Design and Decoration         | One year                     | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.  |
| <b>Group No.6 – Maintenance Trades Group:</b> |  |                 |                           |   |                              |  |
| 1.  | Mechanic Machine Tool Maintenance        | 8281.55,8281.10 | Two years                 | 1. Mechanic Machine Tool Maintenance      | One year                     | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.  |
| 2.  | Mechanic Maintenance (Textile Machinery) | 845.63          | Three years               | Fitter                                    | One year                     | Passed 10 <sup>th</sup> class examination under 10+2 system of education with Science (Physics and Chemistry) as subjects or its equivalent. |
| 3.  | Maintenance Mechanic (Chemical)          | 8159.79         | Two years                 | 1. Maintenance Mechanic (Chemical Plant)  | One year                     | Passed 10 <sup>th</sup> class examination with Science and   |

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|   | Plant)  |                                    |             |  |  | Mathematics under 10+2 system of education or its equivalent.  |
| 4.  | Mechanic (Dairy Maintenance)                      | 845.55                             | Three years | 1. Fitter<br>2. Tool & Die Maker<br>3. Refrigeration and Air-conditioning Mechanic | One year<br><br>One year<br><br>One year | Passed 10 <sup>th</sup> class examination under 10+2 system of education with Science and Math as subjects or its equivalent.                |
| 5.  | Mechanic Sewing Machine                           | 945.82                             | One year    | Fitter   | Six months                               | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.  |
| 6.  | Mechanic (Mining Machinery)                       | 845.60                             | Three years | Fitter   | One year                                 | Passed 10 <sup>th</sup> class examination under 10+2 system of education with Science (Physics and Chemistry) as subjects or its equivalent. |
| 7.  | Material Handling Equipment Mechanic-cum-Operator | 9333.10                            | Two years   | 1. Mechanic Machine Tool Maintenance   | One year                                 | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.  |
| <b>Group No.7 – Precision Machining Trades Group:</b> |   |                                    |             |  |  |  |
| 1.  | Tool and Die Maker (Dies and Moulds)              | 7222.50,7222.60<br>7211.10,7211.50 | Two years   | 1. Tool and Die Maker (Dies and Moulds)  | One year                                 | Passed 10 <sup>th</sup> class examination with Science and   |

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|--|---|---|-----------|---|--|--|
|  |   |   |           | 2. Tool and Die Maker (Press Tools, Jigs and Fixtures)<br>3. Machinist  | One year<br><br>One year                 | Mathematics under 10+2 system of education or its equivalent.  |
| 2.   | Tool and Die Maker (Press Tools, Jigs and Fixtures) | 7222.20,7222.30<br>7222.50,8211.10<br>8211.15,8211.22<br>8211.30,8211.38<br>8211.55,8211.70 | Two years | 1. Tool and Die Maker (Press Tools, Jigs and Fixtures)<br>2. Tool and Die Maker (Dies and Moulds)<br>3. Machinist | One year<br><br>One year<br><br>One year | Passed 10 <sup>th</sup> class examination with Science and Mathematics under 10+2 system of education or its equivalent. |
| 3.   | Plastic Mould Maker                                 | 7222.50,8232.65   | Two year  | 1. Tool and Die Maker (Dies and Moulds)<br>2. Tool and Die Maker (Press Tools, Jigs and Fixtures)                 | One year<br><br>One year                 | Passed 10 <sup>th</sup> class examination with Science and Mathematics under 10+2 system of education or its equivalent. |
| <b>Group No.8 – Instrument Trades Group:</b> |   |   |           |   |  |  |
| 1.   | Instrument Mechanic                                 | 7311.10,7311.30<br>7311.60,7311.90  | Two years | 1. Instrument Mechanic  | One year                                 | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                              |
| 2.   | Mechanic Instrument Aircraft                        | 7311.10,7311.67   | Two years | 1. Instrument Mechanic  | One year                                 | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                              |



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| 3.   | Mechanic Watch and Clock                    | 841.10  | Three years | Mechanic Watch and Clock                       | Two years | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                              |
| <b>Group No.9 – Refrigeration and Air-Conditioning Machine Shop Trade Group:</b> |   |         |             |  |           |  |
| 1.   | Mechanic Refrigeration and Air Conditioning | 845.706 | Two years   | 1. Mechanic Refrigeration and Air Conditioning | One year  | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                              |
| <b>Group No.10 – Heat Engines Trades Group:</b>                                  |   |         |             |  |           |  |
| 1.   | Mechanic (Motor Vehicle)                    | 7231.10 | Two years   | 1. Mechanic (Motor Vehicle)                    | One year  | Passed 10 <sup>th</sup> class examination with Science and Mathematics under 10+2 system of education or its equivalent. |
| 2.   | Mechanic Diesel                             | 7233.24 | Two years   | 1. Mechanic Diesel                             | One year  | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                              |
| 3.   | Mechanic Tractor                            | 7231.10 | Two years   | 1. Mechanic Tractor                            | One year  | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                              |
| 4.   | Mechanic Earth Moving                       | 735.41  | Two years   | ---  | ----      | Passed 10 <sup>th</sup> class examination under  |

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|    | Machinery                                       |  |                           |  |                              | 10+2 system of education or its equivalent.   |
| 5. | Mechanic (Marine Diesel)                        | 845.14                                   | Three years               | Mechanic Diesel  | One year                     | Passed 8 <sup>th</sup> class examination or its equivalent.                                 |
| 6. | Driver-cum-Mechanic (Light Motor Vehicle)       | 8322.10                                  | One year and three months | 1. Driver-cum-Mechanic (Light Motor Vehicle)   | Three months                 | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| 7. | Mechanic Motor Cycle                            | 7122.20                                  | One year and three months | 1. Mechanic Motor Cycle<br>2. Mechanic Repair and Maintenance of two wheeler                               | Three months<br>Three months | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent  |
| 8. | Construction Machinery<br>Mechanic-cum-Operator | 7233.28<br>7233.30<br>7233.90<br>8332.00 | Two years                 | 1. Mechanic(Motor Vehicle)   | One year                     | Passed 10 <sup>th</sup> class examination of 10+2 system of education or its equivalent.    |
| 9. | Mechanic Repair and Maintenance of Vehicle      | 7231.10                                  | Two years                 | 1. Mechanic Repair and Maintenance of Light Vehicle<br>2. Mechanic Repair and Maintenance of Heavy Vehicle | One year<br>One year         | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| 10 | Technician (Automotive Manufacturing)           | 8281.65,8281.70                          | Two years                 | 1. Fitter<br>2. Automotive Manufacturing   | One year<br>One year         | Passed 10 <sup>th</sup> class examination with Science and Mathematics under                |

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|   |                          |                            |           |                             |          | 10+2 system of education or its equivalent.  |
| 11  | Marine Engine Fitter     | 7233.22                    | Two years | 1. Marine Engine Fitter     | One year | Passed 10 <sup>th</sup> class examination with Science and Mathematics under 10+2 system of education or its equivalent. |
| <b>Group No.11 – Draughtsman and Survey Trades Group:</b> |                          |                            |           |                             |          |  |
| 1.  | Draughtsman (Civil)      | 3118.20,3118.50            | Two years | 1. Draughtsman (Civil)      | One year | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                              |
| 2.  | Draughtsman (Mechanical) | 3118.40                    | Two years | 1. Draughtsman (Mechanical) | One year | Passed 10 <sup>th</sup> class examination with Science and Mathematics under 10+2 system of education or its equivalent. |
| 3.  | Surveyor                 | 2148.20 3112.30<br>3112.40 | Two years | 1. Surveyor                 | One year | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                              |
| <b>Group No.12 – Construction Trades Group:</b>           |                          |                            |           |                             |          |  |
| 1.  | Fitter structural        | 7214.70                    | Two years | 1. Fitter                   | One year | Passed 10 <sup>th</sup> class examination with Science and   |

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|  |  |         |             |                 |          | Mathematics under 10+2 system of education or its equivalent.   |
| <b>Group No.13 – Power Plant Trades Group:</b> |  |         |             |                 |          |   |
| 1.   | Boiler Attendant                           | 8162.20 | Two years   | ---             | ---      | Passed 10 <sup>th</sup> class examination with Science and Mathematics under 10+2 system of education or its equivalent.                          |
| 2.   | Steam Turbine-cum-Auxiliary Plant Operator | 8161.30 | Two years   | ---             | ---      | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.   |
| 3.   | Switch Board Attendant                     | 8161.50 | Two years   | ---             | ---      | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.   |
| <b>Group No.14 – Printing Trades Group:</b>    |  |         |             |                 |          |   |
| <b>(i) Type Setting Group:</b>                 |  |         |             |                 |          |   |
| 1.   | Lino Operator                              | 922.10  | Three years | Hand Compositor | One year | Passed 10 <sup>th</sup> class examination under 10+2 system of education with proficiency in English and any regional language or its equivalent. |

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| 2.                               | Mono Keyboard Operator | 922.20 | Three years | Hand Compositor | One year | Passed 10 <sup>th</sup> class examination under 10+2 system of education with proficiency in English and any regional language or its equivalent. |
| 3.                               | Mono Castor Operator   | 922.30 | Two years   | Hand Compositor | One year | Passed 10 <sup>th</sup> class examination under 10+2 system of education with proficiency in English and any regional language or its equivalent. |
| <b>(ii) Photo Mechanic Group</b> |                        |        |             |                 |          |   |
| 1.                               | Process Cameraman      | 926.10 | Three years | ---             | ---      | Passed 10 <sup>th</sup> class examination with Physics and Chemistry as subject under 10+2 system of education or its equivalent.                 |
| 2.                               | Retoucher Lithographic | 925.10 | Three years | ---             | ---      | Passed 10 <sup>th</sup> class examination with Physics and Chemistry as subject under 10+2 system of education or its equivalent.                 |
| 3.                               | Engraver               | 926.50 | Three years | ---             | ---      | Passed 10 <sup>th</sup> class examination with Physics and Chemistry  |

|   |                              |                |             |                                 |          |   |
|---|------------------------------|----------------|-------------|---------------------------------|----------|---|
|   |                              |                |             |                                 |          | as subject under 10+2 system of education or its equivalent.  |
| <b>(iii) Binding Group</b>                            |                              |                |             |                                 |          |   |
| 1.  | Book Binder                  | 927.10         | Two years   | Book Binder                     | One year | Passed 8 <sup>th</sup> class examination under 10+2 system of education or its equivalent.  |
| <b>(iv) Litho Offset Group</b>                        |                              |                |             |                                 |          |   |
| 1.  | Plate Maker (Lithographic)   | 926.40         | Two years   | ---                             | ---      | Passed 10 <sup>th</sup> class examination under 10+2 system of education with Physics and Chemistry as subject or its equivalent. |
| 2.  | Offset Machine Minder        | 923.50, 923.60 | Three years | ---                             | ---      | Passed 10 <sup>th</sup> class examination under 10+2 system of education with Physics and Chemistry as subject or its equivalent. |
| <b>Group No.15 – Hotel and Catering Trades Group:</b> |                              |                |             |                                 |          |   |
| 1.  | Food Production (General)    | 1217           | Two years   | 1. Food Production (General)    | One year | Passed 8 <sup>th</sup> class examination or its equivalent.   |
| 2.  | Food Production (Vegetarian) | 520.20         | Two years   | 1. Food Production (Vegetarian) | One year | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                                       |

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| 3. | Steward   | 5123.40                    | One year and three months | 1. Catering and Hospitality Management<br>2. Food and Beverages Services Assistant                        | Three months<br>Three months                                 | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                                     |
| 4. | Baker and Confectioner                                  | 777.10                     | Two years                 | Baker and Confectioner  | Six months   | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                                     |
| 5. | House Keeper (Hotel)                                    | 5121.10                    | One year and three months | 1. House Keeper<br>2. Domestic House Keeping<br>3. Corporate Housekeeping<br>4. Institution House Keeping | Three months<br>Three months<br>Three months<br>Three months | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                                     |
| 6. | Receptionist/<br>Hotel Clerk/<br>Front Office Assistant | 3431.30,4221.10<br>4221.20 | One year and three months | 1. Front Office Assistant   | Three months   | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                                     |
| 7. | Fruit and Vegetable Processor                           | 775.90                     | Two years                 | Preservation of Fruit and Vegetables  | One year   | Passed 10 <sup>th</sup> class examination under 10+2 system of education with Science as one of the subjects or its equivalent. |
| 8. | House Keeper (Domestic)                                 | 5121.20                    | One year                  | Domestic House Keeping  | Six months   | Passed 10 <sup>th</sup> class examination under   |

|  |                            |         |                         |                           |            |   |
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|  |                            |         |                         |                           |            | 10+2 system of education or its equivalent.   |
| 9.   | House Keeper (Hospital)    | 5121.35 | One year and six months | Hospital House Keeping    | One year   | Passed 10 <sup>th</sup> class examination under 10+2 system of or its equivalent  |
| 10.  | House Keeper (Institution) | 5121.10 | One year                | Institution House Keeping | Six months | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                                   |
| 11   | House Keeper (Corporate)   | 5121.10 | One year                | Corporate House Keeping   | Six months | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                                   |
| 12.  | Cabin/Room Attendant       | 5121.70 | One year                | Cabin/Room Attendant      | Six months | Passed 10 <sup>th</sup> class exam. under 10+2 system of education or its equivalent.   |
| 13.  | Brew Master                | 7137.10 | Six Months              | ----                      | ----       | Passed 12 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                                   |
| <b>Group No.16 – Textile Trades Group:</b> |                            |         |                         |                           |            |   |
| 1  | Weaver                     | 755.50  | Six months              | ---                       | ---        | Passed 8 <sup>th</sup> class under 10+2+3 system of education or two class below matriculation examination or its equivalent. |



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|   |                                    |  |                         |     |     | Desirable- Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.       |
| 2   | Doffer-cum-Piecer                  | 752.65,752.40                          | Six months              | --- | --- | Passed 8 <sup>th</sup> class or its equivalent.  |
| 3.  | Tenter (Drawing Speed/ Frames) Fly | 752.10, 752.15, 752.20                 | Six months              | --- | --- | Passed 8 <sup>th</sup> class or its equivalent.  |
| 4   | Winder (Textile)                   | 752.70                                 | Six months              | --- | --- | Passed 8 <sup>th</sup> class or its equivalent.  |
| 5   | Knitter (Hosiery)                  | 757.10, 757.15, 757.20, 757.25, 757.30 | One year and six months | --- | --- | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                  |
| 6   | Printing Textile                   | 758.30, 758.32, 758.34                 | Six months              | --- | --- | Passed 8 <sup>th</sup> class examination under 10+2 system of education.                                     |
| 7   | Creel Boy-cum-Warper               | 753.40, 753.50                         | Six months              | --- | --- | Passed matriculation or 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| <b>Group No.17 – Mining Trades Group:</b> |                                    |  |                         |     |     |  |
| 1   | Sirdar (Colliery)                  | 710.50                                 | Three years             | --- | --- | Passed 10 <sup>th</sup> class examination under 10+2 system of education with Science (Physics and           |





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|--|---------------------------------------|--|---------------------------|--|----------------------------------|---|
| 3.   | Laboratory Assistant (Chemical Plant) | 3111.30,3116.10<br>3116.30,3116.50<br>3117.30  | Two years<br><br>One year | 1. Laboratory Assistant (Chemical Plant)<br><br>--   | One year<br><br>--               | Passed 10 <sup>th</sup> class examination with Science and Mathematics under 10+2 system of education or its equivalent.<br><br>Passed B.Sc. with Physics, Chemistry and Mathematic or Biology. |
| 4.   | Fiber Reinforced Plastic Processor    | 8232.15<br>8232.25<br>8232.30<br>8232.70   | One year and three months | 1. Broad Based Basic Training in Plastic Processing Sector under Centre of Excellence Scheme<br><br>2. Plastic Processing Operator | Three months<br><br>Three months | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.   |
| 5.   | Plastic Processing Operator           | 8232.15,8232.18<br>8232.20,8232.65<br>8232.25,8232.30<br>8232.35,8232.40<br>8232.70,8232.45<br>8232.50,7222.50 | Two years                 | 1. Plastic Processing Operator   | One year                         | Passed 10 <sup>th</sup> class examination with Science and Mathematics under 10+2 system of education or its equivalent.  |
| <b>Group No.19 – Cutting and Tailoring Trades Group:</b> |                                       |  |                           |  |                                  |   |
| 1.   | Designer and Master Cutter            | 794.40, 794.60   | One year and three months | 1. Sewing Technology<br><br>2. Dress Making  | Three months<br><br>Three months | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.   |

|    |  |                               |                           |   |                              |   |
|----|--|-------------------------------|---------------------------|---|------------------------------|---|
| 2. | Tailor (Men)                                   | 791.30<br>791.40<br>791.50    | One year and three months | 1. Sewing Technology<br>2. Dress Making   | Three months<br>Three months | Passed 8 <sup>th</sup> class examination from a recognised school.                          |
| 3. | Tailor (Women)                                 | 791.20                        | One year and three months | 1. Sewing Technology<br>2. Dress Making   | Three months<br>Three months | Passed 8 <sup>th</sup> class examination from a recognised school.                          |
| 4. | Tailor (General)                               | 791.10<br>791.90              | One year and three months | 1. Sewing Technology<br>2. Dress Making   | Three months<br>Three months | Passed 8 <sup>th</sup> class examination from a recognised school.                          |
| 5. | Dress Maker                                    | 781.20                        | One year and three months | 1. Dress Making   | Three months                 | Passed 8 <sup>th</sup> class examination from a recognised school.”;                        |
| 6. | Embroiderer (Surface Ornamentation Techniques) | 795.40                        | One year and three months | 1. Surface Ornamentation Techniques (Embroidery)<br>2. Embroidery and Needle Work | Three months<br>Three months | Passed 8 <sup>th</sup> class examination from a recognised school.                          |
| 7. | Cutting and Sewing Machine Operator            | 7433.10<br>7435.30<br>7435.40 | One year and three months | 3. Sewing Technology<br>4. Dress Making   | Three months<br>Three months | Passed 8 <sup>th</sup> class examination from a recognised school.                          |
| 8. | Assistant Fashion Designer                     | 7435.10                       | One year and three months | 1. Fashion Design and Technology  | Three months                 | Passed 12 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| 9. | Computerized Embroidery                        | 8263.45                       | One year and three months | 1. Computer Aided and Embroidery  | Three months                 | Passed 10 <sup>th</sup> class examination under 10+2 system of                              |

|  |                                  |  |             |   |                      |  |
|--|----------------------------------|--|-------------|---|----------------------|--|
|  | Machine Operator and Digitizer   |  |             | Designing   |                      | education or its equivalent.   |
| <b>Group No.20 – Agriculture Trades Group:</b> |                                  |  |             |   |                      |  |
| 1.   | Mechanic (Agriculture Machinery) | 7231.10  | Two years   | 1. Mechanic (Agriculture Machinery)               | One year             | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                              |
| 2.   | Horticulture Assistant           | 7231.10  | Two years   | 1. Horticulture Assistant                         | One year             | Passed 10 <sup>th</sup> class examination under 10+2 system or its equivalent.   |
| 3.   | Stockman (Dairy)                 | 082.10, 082.20   | Two years   | ---   | ---                  | Passed 10 <sup>th</sup> class examination under 10+2 system of education with Science or its equivalent.                 |
| 4.   | Attendant Operator (Dairy)       | 776.10, 776.20<br>776.30, 776.40<br>776.50, 776.60<br>776.70, 776.90 | Three years | ---   | ---                  | Passed 10 <sup>th</sup> class Examination under 10+2 system of education with Science and Mathematics or its equivalent. |
| 5.   | Pump Operator Cum Mechanic       | 845.57   | Two years   | 1. Pump Mechanic<br>2. Pump Operator Cum Mechanic | One year<br>One year | Passed 10 <sup>th</sup> class under 10+2 system of education with Science or its equivalent.                             |
| 6.   | Florist and Landscaper           | 2213.20  | One year    | Florist and Landscaping                           | Six months           | Passed 10 <sup>th</sup> class examination under 10+2 system of or its equivalent   |

**Group No. 21 – Leather Crafts Trades Group**

|    |  |                                  |             |  |                      |  |
|----|--|----------------------------------|-------------|--|----------------------|--|
| 1. | Sports Goods Maker (Leather)               | 809.90                           | Two years   | Sports Goods Maker (Leather)                     | One year             | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                              |
| 2. | Leather Goods Maker                        | 809.10, 809.20<br>809.30, 809.40 | Two years   | Manufacturer of suitcase and other leather Goods | One year             | Passed 8 <sup>th</sup> class examination under 10+2 system or 2 class below Matriculation examination or its equivalent. |
| 3. | Footwear Maker                             | 801.10                           | Two years   | Manufacture of Footwear                          | One year             | Passed in 8 <sup>th</sup> examination under 10+2+3 or 2 class below Matriculation examination or its equivalent.         |
| 4. | Finished Leather Maker                     | 761.00                           | Two years   | ---  | ---                  | Passed in 8 <sup>th</sup> examination under 10+2+3 or 2 class below Matriculation examination or its equivalent.         |
| 5. | Maintenance Mechanic for Leather Machinery | 845.50                           | Three years | Fitter   | One year             | Passed 10 <sup>th</sup> under 10+2 system (Physics and Chemistry) and Math as subjects or its equivalent.                |
| 6. | Upholsterer                                | 796.10                           | Two years   | 1. Upholsterer<br>2. Leather Goods Maker         | One year<br>One year | Pass in 8 <sup>th</sup> class examination under 10+2 system of education or 2 class                                      |

|   |                       |                    |             |                           |          |   |
|---|-----------------------|--------------------|-------------|---------------------------|----------|---|
|   |                       |                    |             |                           |          | below Matriculation examination or its equivalent.  |
| <b>Group No. 22- Ship Building Trades Group</b> |                       |                    |             |                           |          |   |
| 1.  | Shipwright<br>(Steel) | 816.20             | Three years | Fitter                    | One year | Passed 10 <sup>th</sup> class under 10+2 system of education or equivalent.<br><br>Desirable – Passed SSLC with Science (Physics and Chemistry) and Math or its equivalent or passed 10 <sup>th</sup> class examination under 10+2 system with Science & Mathematics as subjects. |
| 2.  | Pipe Fitter           | 7136.10<br>7136.30 | Two years   | 1. Plumber                | One year | Passed 10 <sup>th</sup> class under 10+2 system of education or its equivalent.   |
| 3.  | Rigger                | 7215.10            | Two years   | ---                       | ---      | Passed 8 <sup>th</sup> class examination from a recognised school.  |
| 4.  | Gas Cutter            | 872.40             | Two years   | Welder (Gas and Electric) | One year | Pass the 8 <sup>th</sup> examination under 10+2 system of education or its equivalent.<br>Desirable – Passed 8 <sup>th</sup> class examination with   |



|  |                                   |   |             |   |  |   |
|--|-----------------------------------|---|-------------|---|--|---|
|  |                                   |   |             |   |  | Science and Math as subject under 10+2+3 system of education or two standard below matriculation. |
| 5.   | Shipwright (Wood)                 | 7124.45<br>7124.70                            | Two years   | 1. Carpenter  | One year                                     | Passed 10 <sup>th</sup> under examination under 10+2 system of education or its equivalent.       |
| <b>Group No. 23 – Electronics Trades Group</b> |                                   |   |             |   |  |   |
| 1.   | Mechanic Radio and Radar Aircraft | 7242.10,7243.20<br>7243.10,7243.75<br>7243.80 | Two years   | 1. Electronics Mechanic<br>2. Mechanic Consumer Electronic Appliances<br>3. Technician Power Electronics System<br>4. Mechanic Industrial Electronics | One year<br>One year<br>One year<br>One year | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.       |
| 2.   | Electronics Mechanic              | 7242.10,7242.90<br>7243.10,7243.40<br>8283.90 | Two years   | 1. Electronics Mechanic   | One year                                     | Passed 10 <sup>th</sup> class under 10+2 system of education or its equivalent.                   |
| 3.   | Mechanic Television (Video)       | 854.20  | Three years | 1. Electronics Mechanic<br>2. Mechanic (Radio and T.V.)   | Two years<br>Two years                       | Passed Matriculation under 10+2 system with Mathematics and Science or its equivalent.            |

|    |   |  |           |  |  |   |
|----|---|--|-----------|--|--|---|
| 4. | Mechanic – cum-Operator<br>Electronics<br>Communication<br>System | 7243.10<br>7243.20<br>7243.75<br>7243.80<br>7244.10<br>7244.20 | Two years | 1. Electronics Mechanic<br><br>2. Mechanic Consumer<br>Electronic Appliances<br><br>3. Technician Power<br>Electronics System<br><br>4. Broad Based Basic<br>Training in Electronics<br>Sector under Centre of<br>Excellence Scheme and<br>Advanced module of<br>Centre of Excellence in<br>Communication System | One year<br><br>One year<br><br>One year<br><br>One year | Passed 10 <sup>th</sup> class<br>examination under<br>10+2 system of<br>education or its<br>equivalent. |
| 5. | Mechanic<br>Communication<br>Equipment<br>Maintenance             | 7244.20  | Two years | 1. Electronics Mechanic<br><br>2. Mechanic Consumer<br>Electronic Appliances<br><br>3. Technician Power<br>Electronics System<br><br>4. Mechanic Industrial<br>Electronics<br><br>5. Broad Based Basic<br>Training in Electronics<br>Sector under Centre of<br>Excellence Scheme and<br>Advanced module of       | One year<br><br>One year<br><br>One year<br><br>One year | Passed 10 <sup>th</sup> class<br>examination under<br>10+2 system of<br>education or its<br>equivalent. |

|   |                                   |           |                           |  |          |  |
|---|-----------------------------------|-----------|---------------------------|--|----------|--|
|   |                                   |           |                           | Centre of Excellence in Communication System |          |  |
| 6.  | Mechanic Radio and T.V.           | 7243.70   | Three years               | Mechanic Radio and T.V.                      | Two year | Passed 10 <sup>th</sup> class examination under 10+2 system of education with Science as one of the subject or its equivalent. |
| <b>Group No. 24 – Photography Trade Group</b>     |                                   |           |                           |  |          |  |
| 1.  | Photographer                      | 173.10    | Two years                 | Photographer                                 | One year | Passed 10 <sup>th</sup> class under 10+2 system with Science( Physics and Chemistry) as one of the subjects or its equivalent. |
| 2.  | Digital Photographer              | 3131.25   | One year and six months   | Digital Photographer                         | One year | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                                    |
| <b>Group No. 25 – Iron and Steel Trades Group</b> |                                   |           |                           |  |          |  |
| 1.  | Brick Layer (Refractory)          | 7122.30   | Two years                 | 1. Mason (Building Constructor)              | One year | Passed 8 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                                     |
| 2.  | Furnace Operator (Steel Industry) | 3135.1100 | One year and three months | ---  | ---      | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                                    |

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|----|--|--|---------------------------|----------------------|----------|--|
| 3. | Steel Melting Hand                       | 723.15, 723.20, 723.30   | Two years                 | ---                  | ---      | Passed 10 <sup>th</sup> under 10+2 system with Science( Physics and Chemistry) & Mathematics or its equivalent.          |
| 4. | Crane Operator Overhead (Steel Industry) | 8343.0700  | One year and three months | ---                  | ---      | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                              |
| 5. | Operator (Steel Plant)                   | 8121.15,8121.55<br>8121.60,8122.50<br>8122.52,8159.10<br>8159.12,8161.45 | Two years                 | ---                  | ---      | Passed 10 <sup>th</sup> class examination under 10+2 system of education with Science and Mathematics or its equivalent. |
| 6. | Electrician (Steel Plant)                | 7411.0100<br>7412.0801   | Two years                 | Electrician          | One year | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                              |
| 7. | Electronics Mechanic (Steel Plant)       | 7421.0100<br>7421.0300<br>7421.9900                                      | Two years                 | Electronics Mechanic | One year | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                              |
| 8. | Fitter (Steel Plant)                     | 7126.0301<br>7126.9900<br>7224.0102                                      | Two years                 | Fitter               | One year | Passed 10 <sup>th</sup> class examination under 10+2 system of   |

|    |   |                        |                           |                     |          |   |
|----|---|------------------------|---------------------------|---------------------|----------|---|
|    |   |                        |                           |                     |          | education or its equivalent.  |
| 9. | Instrument Mechanic (Steel Plant)                         | 7311.0101<br>7311.1000 | Two years                 | Instrument Mechanic | One year | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| 10 | Operator Coal Handling Equipment                          | 8112.0600              | One year and three months | ---                 | ---      | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| 11 | Operator Locomotive and Rail Cranes in Steel Plant        | 8162.50, 8333.30       | One year and three months | ---                 | ---      | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| 12 | Operator Material Handling at Raw Material Handling Plant | 8121.90                | One year and three months | ---                 | ---      | Passed 8 <sup>th</sup> class examination from a recognized school or its equivalent.        |
| 13 | Operator Coke Ovens Battery Equipments                    | 8159.16                | One year and three months | ---                 | ---      | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| 14 | Operator Blast Furnace Iron Making                        | 8121.15<br>8223.60     | One year and three months | ---                 | ---      | Passed 10 <sup>th</sup> class examination under 10+2 system of                              |

|   |  |         |                           |     |     |   |
|---|--|---------|---------------------------|-----|-----|---|
|   | Equipments                                       |         |                           |     |     | education or its equivalent.  |
| 15  | Operator Steel Melting Equipments                | 8121.35 | One year and three months | --- | --- | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| 16  | Operator Sinter Plant Equipments                 | 8121.90 | One year and three months | --- | --- | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| 17  | Operator Rolling Mills Equipment (Long Products) | 8122.20 | One year and three months | --- | --- | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| <b>Group No. 26 – Beautician Trades Group</b> |  |         |                           |     |     |   |
| 1.  | Beautician                                       | 560.30  | One year and three months | --- | --- | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| 2.  | Hair Cutter/Dresser                              | 560.20  | One year and three months | --- | --- | Passed 8 <sup>th</sup> class examination from a recognised school or its equivalent.        |
| 3.  | Health and Slimming                              | 089.50  | One year and three months | --- | --- | Passed 10 <sup>th</sup> class examination under   |

|  |                        |         |                           |                      |              |   |
|--|------------------------|---------|---------------------------|----------------------|--------------|---|
|  | Assistant              |         |                           |                      |              | 10+2 system of education or its equivalent.   |
| 4.   | Hair and Skin Carer    | 560.30  | One year and three months | 1. Basic Cosmetology | Three months | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.     |
| <b>Group No. 27 – Glass and Ceramic Trades Group</b> |                        |         |                           |                      |              |   |
| 1.   | Ceramic Moulder        | 7321.25 | One year and three months | ---                  | ---          | Passed 8 <sup>th</sup> class examination from a recognised school.                              |
| 2.   | Ceramic Caster         | 7321.15 | One year and three months | ---                  | ---          | Passed 8 <sup>th</sup> class examination from a recognised school.”;                            |
| 3.   | Ceramic Kiln Operator  | 893.30  | Two years                 | ---                  | ---          | Passed 8 <sup>th</sup> class of 10+2 system of education or 2 standard below or its equivalent. |
| 4.   | Ceramic Press Operator | 892.60  | Two years                 | ---                  | ---          | Passed 8 <sup>th</sup> class of 10+2 system of education or 2 standard below or its equivalent. |
| 5  | Ceramic Decorator      | 895.30  | Two years                 | ---                  | ---          | Passed 8 <sup>th</sup> class of 10+2 system of education or 2 standard below or its equivalent. |
| 6.   | Moulder (Refractory)   | 7321.40 | One year and three months | ---                  | ---          | Passed 8 <sup>th</sup> class examination from a recognised school.                              |

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|---|---|--------------------|-------------|--|--|--|
| 7.  | Enamel Glazer                                       | 895.50             | Two years   | ---  | ---  | Passed 10 <sup>th</sup> class examination under 10+2 system with Science as subject or its equivalent.             |
| 8.  | Insulator<br>Maker/Machine<br>Operator<br>(Ceramic) | 8139.60<br>8139.30 | Two years   | 1. Refractory Technician   | One year   | Passed 10 <sup>th</sup> class examination under 10+2 system of education with science or its equivalent.           |
| 9.  | Optical Worker                                      | 891.48             | Three years | 1. Machinist<br>2. Millwright Maintenance<br>Mechanic<br>3. Turner<br>4. Fitter<br>5. Machinist(Grinder) | One year<br>One year<br>One year<br>One year<br>One year | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                        |
| <b>Group No. 28 – Painting Trades Group</b> |   |                    |             |  |  |  |
| 1.  | Painter<br>(General)                                | 7142.10            | Two years   | 1. Painter (General)   | One year   | Passed 8 <sup>th</sup> class examination from a recognised school.   |
| 2.  | Painter<br>(Marine)                                 | 931.20             | Two years   | Painter (General)  | One year   | Passed 8 <sup>th</sup> class examination under 10+2 system preferably with Math and Science or two standard below. |



| <b>Group No. 29 – Computer Trades Group</b> |   |               |                           |   |  |  |
|---|---|---------------|---------------------------|---|--|--|
| 1.  | Desk Top Publishing Operator                                | 3512.0200     | One year and three months | 1. Desk Top Publishing Operator   | Three months                             | Passed 10th class examination under 10+2 system of education or its equivalent.  |
| 2.  | Programming and Systems Administration Assistant            | 103.70 103.80 | One year                  | ---   | ---                                      | National Trade Certificate issued by National Council for Vocational Training in “Computer Operator and Programming Assistant” |
| 3.  | Information and Communication Technology System Maintenance | 3114.9900     | Two years                 | 1. Information and Communication Technology System Maintenance<br>2. Information Technology and Electronic System Maintenance<br>3. Broad Based Basic Training in Information Technology Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Repair and Maintenance of Hardware of Computer and Peripherals. | One year<br><br>One year<br><br>One year | Passed 10th class examination under 10+2 system of education   |

|  |  |  |                           |   |                                  |   |
|--|--|--|---------------------------|---|----------------------------------|---|
| 4.   | Computer Operator and Programming Assistant                              | 4131.0600<br>3514.0300   | One year and three months | 1. Computer Operator and Programming Assistant  | Three months                     | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                               |
| <b>Group No. 30 – Hi-Tech Trades Group</b>     |  |  |                           |   |                                  |   |
| 1.   | Advanced Attendant Operator (Process)                                    | 730.20, 740.10,<br>740.90, 900.10,<br>740.20, 890.20,<br>770.90, 730.90,<br>770.40 | One year & six months     | ---   | ---                              | Passed B.Sc. with Physics and Chemistry as compulsory and Mathematics as desirable subject.                               |
| 2.   | Operator Cum Mechanic Pollution Control Equipment.                       | 039.10,<br>039.90  | Two years                 | ---   | ---                              | Passed Higher Secondary Examination with Physics, Chemistry and Biology under 10+2 system of Education or its equivalent. |
| 3.   | Mechanic Medical Equipment for Hospitals and Occupational Health Centre. | 086.10, 088.10,<br>089.90, 090.90  | Two years                 | ---   | ---                              | Passed Higher Secondary examination under 10+2 system of education with Physics, Chemistry and Biology.                   |
| <b>Group No. 31 – Multi Skill Trades Group</b> |  |  |                           |   |                                  |   |
| 1  | Mechanic Industrial Electronics  | 7243.10  | Two years                 | 1. Electronics Mechanic<br>2. Mechanic Consumer Electronic Appliances<br>3. Technician Power Electronics System | One year<br>One year<br>One year | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                               |

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|----|--|--|-------------|--|------------|--|--|
|    |  |  |             | 4. Mechanic<br>Electronics                               | Industrial | One year                                 |  |
| 2  | Mechanic<br>Advanced<br>Machine Tool<br>Maintenance. | 845.10, 845.13<br>845.16, 845.20<br>845.23, 845.26<br>845.30, 845.35<br>845.37, 845.40<br>845.43, 845.47<br>845.50, 845.53<br>845.55, 845.57<br>845.60, 845.63<br>845.65, 845.70 | Three years | -  |            | -  | Passed 10+2 with<br>Physics, Chemistry and<br>Mathematics  |
| 3. | Operator<br>Advanced<br>Machine Tool                 | 8211.108211.15<br>8211.22<br>8211.28<br>8211.30<br>8211.32<br>8211.36<br>8211.38   | Two years   | 1. Operator<br>Machine Tool<br>2. Machinist<br>3. Turner | Advanced   | One year<br><br>One year<br><br>One year | Passed 10 <sup>th</sup> class<br>examination with<br>Science and<br>Mathematics under<br>10+2 system of<br>education or its<br>equivalent. |
| 4. | Power<br>Electrician                                 | 7137.10<br>7241.107241.208<br>161.45<br>8161.50  | Two years   | 1. Electrician   |            | One year                                 | Passed 10 <sup>th</sup> class<br>examination with<br>Science under 10+2<br>system of education or<br>its equivalent.                       |
| 5. | Operator-cum-<br>Mechanic<br>Power Plant             | 8161.45  | Two years   | ---  |            | ---                                      | Passed 10 <sup>th</sup> class<br>examination with<br>Science and<br>Mathematics under<br>10+2 system of<br>education or its<br>equivalent. |
| 6. | Mechanic<br>Medical<br>Electronics                   | 7243.30<br>3133.20<br>3133.90  | Two years   | 1. Electronics Mechanic<br>2. Mechanic                   |            | One year<br><br>One year                 | Passed 10 <sup>th</sup> class<br>examination under<br>10+2 system of   |

|   |  |   |                           |  |  |  |
|---|--|---|---------------------------|--|--|--|
|   |  |   |                           | Electronic Appliances  |  | education or its equivalent.   |
|   |  |   |                           | 3. Technician Power Electronics System   | One year                                 |  |
|   |  |   |                           | 4. Mechanic Medical Electronics  | One year                                 |  |
| 7.  | Mechanic Consumer Electronics Appliances | 7242.10<br>7242.90<br>7243.10<br>7243.40<br>7243.45<br>7243.50<br>7233.58 | Two years                 | 1. Electronics Mechanic<br>2. Mechanic Consumer Electronic Appliances<br>3. Technician Power Electronics Systems | One year<br><br>One year<br><br>One year | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                              |
| 8.  | Mechanic Mechatronics                    | 7233.38<br>7233.46  | Two years                 | 1. Mechanic Mechatronics<br>2. Mechanic Machine Tool Maintenance   | One year<br><br>One year                 | Passed 10 <sup>th</sup> class examination with Science and Mathematics under 10+2 system of education or its equivalent. |
| <b>Group No. 32 – Information Sector Trades Group</b> |  |   |                           |  |  |  |
| 1.  | Jewel Smith                              | 7318.30<br>7313.90  | One year and three months | ----   | ----                                     | Passed 8 <sup>th</sup> class examination from a recognised school.   |
| 2.  | Gardener (Mali)                          | 652.10  | One year                  | ----   | ----                                     | Passed 8 <sup>th</sup> class examination from recognized school or its equivalent.                                       |
| 3.  | Customer Care Associate                  | 4221.90<br>4221.30  | One year and three months | ---  | ---                                      | Passed 10 <sup>th</sup> class examination under 10+2 system of   |

|     |   |         |                           |      |      |   |
|-----|---|---------|---------------------------|------|------|---|
|     |   |         |                           |      |      | education or its equivalent.  |
| 4.  | Assistant Beautician                      | 560.30  | One year and three months | ---  | ---  | Passed 8 <sup>th</sup> class examination from a recognised school.  |
| 5.  | Battery Repairer                          | 859.65  | One year and three months | ---- | ---- | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                   |
| 6.  | Tyre Repairer                             | 903.60  | Six months                | ---- | ---- | Passed 8 <sup>th</sup> class examination  |
| 7.  | Screen Printing                           | 929.50  | Six months                | ---- | ---- | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                   |
| 8.  | Beautician Assistant                      | 560.30  | Six months                | ---- | ---- | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                   |
| 9.  | Medical Laboratory Technician (Pathology) | 3221.10 | One year and three months | ---- | ---- | Passed 12 <sup>th</sup> class examination under 10+2 system of education with physics, chemistry and biology  |
| 10. | Medical Laboratory Technician (Radiology) | 3133.10 | One year and three months | ---- | ---- | Passed 12 <sup>th</sup> class examination under 10+2 system of education with physics, chemistry and biology. |

|  |   |                        |                           |                             |              |   |
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| 11.  | Medical Laboratory Technician (Cardiology)    | 3212.0701              | One year and three months | ----                        | ----         | Passed 12th class examination under 10+2 system of education with physics, chemistry and biology. |
| 12.  | Pruner Tea Gardens                            | 640.10                 | Six months                | ----                        | ----         | Passed 8 <sup>th</sup> class  |
| 13.  | Cable Television Operator                     | 861.10                 | Six months                | ----                        | ----         | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.       |
| 14.  | Medical Laboratory Technician (Physiotherapy) | 3212.0701<br>3255.0101 | One year and three months | 1. Physiotherapy Technician | Three months | Passed 12th class examination under 10+2 system of education with physics, chemistry and biology. |
| <b>Group No. 33 – Retail Sector Trades Group</b> |   |                        |                           |                             |              |   |
| 1.   | Sales Person (Retail)                         | 5220.35<br>5220.60     | One year and three months | ---                         | ---          | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent..      |
| 2.   | Senior Sales Person (Retail)                  | 5220.15, 5220.35       | One year                  | Sales Person (Retail)       | Six months   | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.       |

| <b>Group No. 34 – Glassware / Metal ware Trades Group</b> |  |   |           |   |          |   |
|---|--|---|-----------|---|----------|---|
| 1.  | Lacquering and Powder Coating Operator       | 7422.60<br>7422.62                                  | One year  | ---   | ---      | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| 2.  | Wood Handicrafts Worker                      | 7422.42<br>7422.48<br>7423.20                       | One year  | ---   | ---      | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| 3.  | Glass Former and Processor                   | 7142.60<br>7322.38<br>7322.40<br>7322.45<br>7323.10 | One year  | ---   | ---      | Passed 8 <sup>th</sup> class examination from recognized school or its equivalent.          |
| <b>Group No. 35 – Centre of Excellence Trades Group</b>   |  |   |           |   |          |   |
| 1.  | Mechanic Automobile (Advanced Petrol Engine) | 7233.22   | Two years | 1. Broad Based Basic Training in Automobile Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Servicing and Overhauling of Automobiles (Petrol). | One year | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| 2.  | Mechanic Automobile (Advanced Diesel Engine) | 7233.24   | Two years | 1. Broad Based Basic Training in Automobile Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Servicing and                                      | One year | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |

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|    |  |                               |                           | Overhauling of Automobiles (Diesel).   |                                  |   |
| 3. | Mechanic Auto Electronics                | 7242.10                       | Two years                 | Broad Based Basic Training in Automobile Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Auto Electrical, Auto Electronics and Air-conditioning in Automobiles. | One year and six months          | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| 4. | Mechanic (Denting, Painting and Welding) | 7142.20<br>7213.30            | Two Years                 | Broad Based Basic Training in Automobile Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Denting(Painting and Welding).   | One year and six months          | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| 5. | TIG/MIG Welder                           | 7212.10<br>7212.20            | One year and three months | 1. Broad Based Basic Training in Fabrication (Fitting & Welding) Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in TIG/MIG Welding.<br>2. Welder                  | Three months<br><br>Three months | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| 6. | Structural Welder                        | 7212.10<br>7212.20<br>7212.30 | One year and three months | 1. Broad Based Basic Training in Fabrication (Fitting & Welding) Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence  | Three months                     | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |



|    |                                    |                               |                           |   |                                  |   |
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|    |                                    |                               |                           | Scheme in Structural Welding.<br>2. Welder  | Three months                     |   |
| 7. | Welder (Pipe and Pressure Vessels) | 7212.10<br>7212.20<br>7212.30 | One year and three months | 1. Broad Based Basic Training in Fabrication (Fitting and Welding) Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Pressure Vessels and Pipe Welding.<br>2. Welder | Three months<br><br>Three months | Passed 10th class examination under 10+2 system of education or its equivalent.             |
| 8. | Chemical Laboratory Assistant      | 3111.30                       | Two years                 | 1. Broad Based Basic Training in Chemical Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Laboratory Assistant<br>2. Laboratory Assistant (Chemical Plant)         | One year<br><br>One year         | Passed 10th class examination under 10+2 system of education or its equivalent.             |
| 9. | Advance Mechanic (Instruments)     | 7311.10<br>7311.30<br>7241.10 | Two years                 | Broad Based Basic Training in Chemical Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Instruments Mechanic.   | One year and six months          | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |

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| 10. | CAD-CAM Operator cum Programmer | 3121.20                                  | One year and three months | 1. Broad Based Basic Training in Production and Manufacturing Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in CAD/ CAM.<br><br>2. Draughtsman (Mechanical) | Three months<br><br>Three months | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| 11. | Advance Welder                  | 7212.10<br>7212.20<br>7212.30<br>7212.65 | One year and three months | 1. Broad Based Basic Training in Production and Manufacturing Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Advance Welding.<br><br>2. Welder            | Three months<br><br>Three months | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| 12. | Jigs and Fixtures Maker         | 7222.30                                  | Two years                 | Broad Based Basic Training in Production and Manufacturing Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Manufacturing of Jigs and Fixtures.             | One year and six months          | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| 13. | Quality Assurance Assistant     | 3152.90                                  | Two years                 | Broad Based Basic Training in Production and Manufacturing Sector under Centre of Excellence Scheme   | One year and six months          | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its             |

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|     |   |         |                           | and Advanced module of Centre of Excellence Scheme in Quality Engineering.   |  | equivalent.   |
| 14. | CNC Programmer cum Operator               | 3121.20 | One year and three months | 1. Broad Based Basic Training in Production and Manufacturing Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in CNC Machining.<br><br>2. Machinist<br><br>3. Turner | Three months<br><br>Three months<br><br>Three months | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| 15. | Operator PLC System                       | 8211.90 | Two years                 | Broad Based Basic Training in Production and Manufacturing Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in PLC and Automation.                                    | One year and six months                              | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| 16. | Mechanic (Electrical Domestic Appliances) | 7233.58 | Two years                 | 1. Broad Based Basic Training in Electrical Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Repair and Maintenance of Domestic Appliances.<br><br>2. Electrician  | One year<br><br>One year                             | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |

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| 17. | Mechanic (HT, LT Equipments and Cable Jointing) | 7241.90<br>7245.90 | Two years | 1. Broad Based Basic Training in Electrical Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Operation and Maintenance of equipments used in HT, LT Substation and Cable Jointing.<br><br>2. Electrician | One year<br><br>One year | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| 18. | Mechanic (Electrical Power Drives)              | 7241.20<br>7242.20 | Two years | 1. Broad Based Basic Training in Electrical Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Repair and Maintenance of Electrical machines and Power Supply.<br><br>2. Electrician                       | One year<br><br>One year | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| 19. | Mechanic (Embedded Systems and PLC)             | 8211.90            | Two years | 1. Broad Based Basic Training in Electronics Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Embedded Systems and PLC.  | One year                 | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |

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| 20. | Mechanic Power Electronics (Inverters, UPS and Maintenance of Drives)       | 7241.10<br>7242.10 | Two years | <ol style="list-style-type: none"> <li>1. Broad Based Basic Training in Electronics Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Inverters, UPS, Voltage Stabilizer and Industrial Drives.</li> <li>2. Electronics Mechanic</li> <li>3. Mechanic Consumer Electronic Appliances</li> <li>4. Technician Power Electronics Systems</li> <li>5. Mechanic Industrial Electronics</li> </ol> | <p>One year</p> <p>One year</p> <p>One year</p> <p>One year</p> | Passed 10th class examination under 10+2 system of education or its equivalent.             |
| 21. | Mechanic (DTH and other Communication System)                               | 7243.10<br>7244.20 | Two years | Broad Based Basic Training in Electronics Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Communication System.  | One year and six months   | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| 22. | Mechanic (Domestic, Commercial Refrigeration and Air Conditioning Machines) | 7233.50            | Two years | 1. Broad Based Basic Training in Refrigeration and Air-conditioning Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Domestic,  | One year  | Passed 10th class examination under 10+2 system of education or its equivalent.             |

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|     |  |   |           | Commercial Refrigeration and Air Conditioning.<br>2. Mechanic (Refrigeration and Air Conditioning)  | One year                |   |
| 23. | Mechanic (Central Air conditioning Plant, Industrial cooling and Package Air conditioning) | 8169.30   | Two years | 1. Broad Based Basic Training in Refrigeration and Air-conditioning Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Central Air conditioning Plant, Industrial cooling and Package Air-conditioning. | One year                | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| 24. | Mechanic (Cold storage, Ice plant and Ice candy plant)                                     | 7413.50<br>8169.30                                  | Two years | Broad Based Basic Training in Refrigeration and Air-conditioning Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Cold storage, Ice plant and Ice candy plant.  | One year and six months | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| 25. | Computer Aided Pattern Maker   | 7222.80<br>7422.38<br>7434.20<br>7435.10<br>7442.16 | Two years | Broad Based Basic Training in Apparel Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Computer Aided and Pattern Making.   | One year and six months | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| 26. | Fashion Designing  | 3471.40   | Two years | Broad Based Basic Training in Apparel Sector under Centre of Excellence Scheme  | One year and six months | Passed 10 <sup>th</sup> class examination under 10+2 system of                              |

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|------|--|--------------------|---------------------------|---|--|---|
|      | Assistant  |                    |                           | and Advanced module of Centre of Excellence Scheme in Fashion Designing.  |  | education or its equivalent.  |
| 27.  | Shirts and Trousers Maker  | 7433.25<br>7433.30 | One year and three months | 1. Broad Based Basic Training in Apparel Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Shirts and Trousers.<br><br>2. Sewing Technology<br><br>3. Dress Making           | Three months<br><br>Three months<br><br>Three months | Passed 10th class examination under 10+2 system of education or its equivalent. |
| “28. | Mechanic (Non-conventional Power Generation, Battery and Inverter) | 8282.10            | Two years                 | 1. Broad Based Basic Training in Electrical Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Non-conventional Power Generation, Battery and Inverter.<br><br>2. Electrician | One year<br><br>One year                             | Passed 10th class examination under 10+2 system of education or its equivalent. |
| 29.  | Mechanic Electrical Instruments                                    | 7241.10            | Two years                 | 1. Broad Based Basic Training in Electrical Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Repair and   | One year   | Passed 10th class examination under 10+2 system of education or its equivalent. |

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|     |                                      |         |           | Maintenance of instruments used in Electrical Engineering.<br>2. Electrician   | One year                 |   |
| 30. | Extrusion Machine Operator (Plastic) | 8232.20 | Two years | 1. Broad Based Basic Training in Plastic Processing Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Extrusion Process.<br>2. Plastic Processing Operator          | One year<br><br>One year | Passed 10th class examination under 10+2 system of education or its equivalent. |
| 31. | Injection Moulding Machine Operator  | 8232.25 | Two years | 1. Broad Based Basic Training in Plastic Processing Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Injection Moulding Process.<br>2. Plastic Processing Operator | One year<br><br>One year | Passed 10th class examination under 10+2 system of education or its equivalent. |
| 32. | Blow Moulding Machine Operator       | 8232.35 | Two years | 1. Broad Based Basic Training in Plastic Processing Sector under Centre of Excellence Scheme and Advanced  | One year                 | Passed 10th class examination under 10+2 system of education or its equivalent. |



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|     |  |         |           | module of Centre of Excellence Scheme in Blow Moulding Process.<br><br>2. Plastic Processing Operator   | One year                |   |
| 33. | House Keeper (Hotel)                               | 5121.10 | Two years | Broad Based Basic Training in Hospitality Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Accommodation Operation/ House Keeping.  | One year and six months | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| 34. | Assistant Front Office Manager                     | 5121.25 | Two years | Broad Based Basic Training in Hospitality Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Front Office Management.                 | One year and six months | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| 35. | Apprentice Food Production (Cookery)               | 5122.20 | Two years | Broad Based Basic Training in Hospitality Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Food Production (Cookery).               | One year and six months | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| 36. | Apprentice Food and Beverage Service (Stewardship) | 5123.20 | Two years | Broad Based Basic Training in Hospitality Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Food and Beverage Service (Stewardship). | One year and six months | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |

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| 37. | Computer and Peripherals Hardware Repair and Maintenance Mechanic | 2523.0200<br>7422.2001              | One year and three months | 1. Broad Based Basic Training in Information Technology Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Repair and Maintenance of Hardware of Computer and Peripherals. | Three months            | Passed 10th class examination under 10+2 system of education or its equivalent.             |
| 38. | Computer Networking Technician                                    | 2523.9900<br>3513.9900              | One year and three months | 1. Broad Based Basic Training in Information Technology Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Computer Networking.  | Three months            | Passed 10th class examination under 10+2 system of education or its equivalent.             |
| 39. | Multimedia and Web Page Designer                                  | 2166.0201<br>2513.0101<br>2166.0300 | One year and three months | 1. Broad Based Basic Training in Information Technology Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Multimedia and Web Page Designing.                              | Three months            | Passed 10th class examination under 10+2 system of education or its equivalent.             |
| 40. | Process Plant Operator  | 8152.10                             | Two years                 | Broad Based Basic Training in Process Plant Maintenance Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in   | One year and six months | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |

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|     |  |                        |                           | Operator Chemical Plant.   |                          |   |
| 41. | Utility Operator                                   | 3131.0300<br>8182.0200 | One year and three months | 1. Broad Based Basic Training in Process Plant Maintenance Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Operation and Maintenance of Boiler and Steam Turbine.         | Three months             | Passed 10th class examination under 10+2 system of education or its equivalent.             |
| 42. | Maintenance Mechanic                               | 8159.79                | Two years                 | Broad Based Basic Training in Process Plant Maintenance Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Mechanical Maintenance of Process Plant.                          | One year and six months  | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| 43. | Mechanic (Electrical Maintenance of Process Plant) | 7241.20                | Two years                 | 1. Broad Based Basic Training in Process Plant Maintenance Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Electrical Maintenance of Process Plant.<br><br>2. Electrician | One year<br><br>One year | Passed 10th class examination under 10+2 system of education or its equivalent.             |
| 44. | Instrument Controller                              | 7311.0101<br>7311.1001 | Two years                 | 1. Broad Based Basic Training in Process Plant Maintenance Sector under Centre of  | One year                 | Passed 10th class examination under 10+2 system of education or its                         |

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|     |   |   |           | Excellence Scheme and Advanced module of Centre of Excellence Scheme in Electronic and Instrument Maintenance of Process Plant.   |  | equivalent.   |
|     |   |   |           | 2. Instrument Mechanic  | One year                                 |   |
| 45. | Technician Fabricator   | 7212.30   | Two years | Broad Based Basic Training in Process Plant Maintenance Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Fabrication and Designing of Steel Structure.  | One year and six months                  | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| 46  | Technician Television and Audio System                        | 7243.10<br>7243.40<br>7243.45<br>7243.50<br>7243.70 | Two years | 1. Broad Based Basic Training in Electronics Sector under Centre of Excellence Scheme and anyone Advanced module in Centre of Excellence Scheme of Electronic Sector<br><br>2. Electronics Mechanic<br><br>3. Mechanic Consumer Electronic Appliances | One year<br><br>One year<br><br>One year | Passed 10th class examination under 10+2 system of education or its equivalent.             |
| 47. | Mechanic Repair and Maintenance of Electronics Test Equipment | 7243.10   | Two years | 1. Broad Based Basic Training in Electronics Sector under Centre of Excellence Scheme and Advanced module of  | One year                                 | Passed 10th class examination under 10+2 system of education or its equivalent.             |

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|     |   |         |           | Centre of Excellence Scheme in Repair and Maintenance of Electronics Test Equipment<br><br>2. Electronics Mechanic<br><br>3. Mechanic Consumer Electronic Appliances<br><br>4. Technician Power Electronics Systems<br><br>5. Mechanic Industrial Electronics | One year<br><br>One year<br><br>One year<br><br>One year |   |
| 48. | Mechanic Automobile Electronics                         | 7231.10 | Two years | Broad Based Basic Training in Electronics Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Automobile Electronics   | One year and six months                                  | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| 49. | Mechanic Mechanical Maintenance (Industrial Automation) | 7233.38 | Two years | Broad Based Basic Training in Industrial Automation Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Mechanical Maintenance for Automation  | One year and six months                                  | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| 50. | Mechanic Electrical Maintenance (Industrial             | 7241.70 | Two years | Broad Based Basic Training in Industrial Automation Sector under Centre of Excellence Scheme and  | One year and six months                                  | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its             |

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|  | Automation)        |         |           | Advanced module of Centre of Excellence Scheme in Electrical Maintenance for Automation  |                                 | equivalent.   |
| 51.  | PLC Operator       | 7233.38 | Two years | <p>1. Broad Based Basic Training in Industrial Automation Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Automation and PLC.</p> <p>2. Broad Based Basic Training in Production and Manufacturing Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in PLC Automation.</p> | <p>One year</p> <p>One year</p> | Passed 10th class examination under 10+2 system of education or its equivalent.”; |
| <b>Group No. 36 – Hospitality Trades Group</b> |                    |         |           |  |                                 |   |
| 1.   | Tourist Guide      | 5113.20 | One year  | Tourist Guide  | Six months                      | Passed 10 <sup>th</sup> class examination under 10+2 system of or its equivalent  |
| 2.   | Old Age Care Taker | 5131.20 | One year  | Old Age Care   | Six months                      | Pass 8 <sup>th</sup> class examination from recognized school or its equivalent.  |

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| 3.   | Creche Management Assistant                      | 5121.40    | One year                  | Creche Management                                   | Six months                       | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                                  |
| 4.   | Pre or Preparatory School Management (Assistant) | 3222.10    | One year                  | Pre or Preparatory School Management (Assistant)    | Six months                       | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.                                  |
| 5.   | Insurance Agent                                  | 3412.10    | One year                  | Insurance Agent                                     | Six months                       | Passed 10 <sup>th</sup> class examination under 10+2 system of or its equivalent   |
| <b>Group No. 37 – Office Management Trades Group</b> |  |            |                           |   |                                  |  |
| 1.   | Secretarial Assistant                            | 4115.10    | One year and three months | 1. Stenography (English)<br>2. Secretarial Practice | Three months<br><br>Three months | Passed 10 <sup>th</sup> class examination under 10+2 system of or its equivalent   |
| 2.   | Stenographer (English)                           | 4111.10    | One year and three months | 1. Stenography (English)                            | Three months                     | Passed 10 <sup>th</sup> class examination under 10+2 system of or its equivalent   |
| 3.   | Stenographer (Hindi)                             | 4111.10(H) | One year and three months | 2. Stenography (Hindi)                              | Three months                     | Passed 10 <sup>th</sup> class examination under 10+2 system of education with Hindi as compulsory subject or its equivalent. |
| <b>Group No. 38 – Health Allied Trades Group</b>     |  |            |                           |   |                                  |  |
| 1.   | Dental Laboratory Technician                     | 7311.80    | Three years               | Dental Laboratory Technician                        | Two years                        | Passed 10 <sup>th</sup> class examination under 10+2 system of   |

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|--|-------------------------------------|-----------|---------------------------|--|--------------|---|
|  |                                     |           |                           |  |              | education or its equivalent.  |
| 2.   | Heath Sanitary Inspector            | 3257.0100 | One year and three months | 1. Heath Sanitary Inspector            | Three months | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| 3.   | Hospital Waste Management Assistant | 5151.9900 | One year and three months | 1. Hospital Waste Management Assistant | Three months | Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent. |
| <b>Group No. 39 – library and Information Science Trades Group</b> |                                     |           |                           |  |              |   |
| 1.   | Library Assistant                   | 4141.10   | One year                  | Library and Information Science        | Six months   | Passed 10 <sup>th</sup> class examination under 10+2 system of or its equivalent            |