

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

Sl. No.	Designated Trades	N.C.O. Code No.	Ratio of apprentices to workers other than unskilled workers	Period of Apprenticeship Training	Relevant ITI trades/ Apprenticeship Trades	Rebate allowed in Apprenticeship Training	Essential/ Desirable Educational Qualifications
1	2	3	4	5	6	7	8
<b>Group No.1 - Machine Shop Trades Group:</b>							
1	Fitter	842.10, 842.15	1:07	3 years	1. Fitter 2. Millwright Maintenance Mechanic 3. Tool and Die-Maker 4. Maintenance Mechanic (Textile Machinery) 5. Mechanic (Dairy-Maintenance) 6. Fitter Structural 7. Boiler Attendant 8. Motor Mechanic Body Builder 9. Millwright (Rolling Mills) 10. Mechanic Mining Machinery 11. Rigger (Engineering & Chemical Industries) 12. Maintenance Mechanic (Leather Machinery)	2 years 1 year 1 year 1 year 1 year 1 year 1 year 1 year 1 year 1 year 1 year	Passed 10th class Examination under 10+2 system of education or its equivalent.
2	Turner	835.15	1:07	3 years	Turner	2 years	Passed in 10th class under 10+2 system of education or its equivalent.

3	Machinist	835.1	1:07	3years	Machinist	2 years	Passed in 10th class under 10+2 system of education or its equivalent.
4	Machinist (Grinder)	836.10, 836.25, 836.30, 836.35 , 836.40, 836.55	1:07	3 years	1. Machinist (Grinder) 2. Turner 3. Machinist	2 years 1 Year 1 Year	Passed 10th class examination under 10+2 system of education or its equivalent.
<b>Group No. 2 -Foundry Trades Group:</b>							
1	Pattern Maker	819.20	1:07	3 years	Pattern Maker	2 years	Passed 8th class Examination under 10+2 system of education or its equivalent.
2	Foundryman	726.10	1:07	3 Years	1. Foundryman 2. Moulder	1 year 1 year	Passed 8th class examination under 10+2 system of education or its equivalent.
<b>Group No. 3 - Metal Working Trades Group:</b>							
1	Forger and Heat Treater	723.80, 726.90 831.10, 831.30 831.50	1:07	3 years	Forger and Heat Treater	1 year	Passed 10th class examination under 10+2 system of education or its equivalen
2	Sheet Metal Worker	837.10	1:07	3 years	Sheet Metal Worker	1 year	Passed 8th class examination under 10+2 system of education or its equivalent.
3	Welder (Gas and Electric)	872.10, 872.20	1:07	2 years	Welder (Gas and Electric)	1 year	Passed 8th class examination under 10+2 system of education or its equivalent.

4	Motor Vehicle Body Builder	815.10	1:07	2 years	1. Forger and Heat Treater 2. Sheet Metal Worker 3. Welder (Gas and Arc)	1 year 1 year 1 year	Passed 10th class examination under 10+2 system of education or its equivalent.
<b>Group No.4 - Electrical Trades Group:</b>							
1	Electrician	851.10, 851.30	1:07	3 years	Electrician	2 years	Passed 10th class examination under 10+2 system with Science as one of the subject or its equivalent.
2	Lineman	857.10	1:07	3 years	1. Wireman 2. Electrician	1 year 1 year	Passed 8th class examination under 10+2 system of education or its equivalent.
3	Wireman	855.10	1:07	3 years	Wireman	2 years	Passed 8th class examination under 10+2 system with Science as one of the subject or its equivalent
4	Auto Electrician	855.30	1:07	2 years	1. Mechanic(Motor Vehicle) 2. Electrician 3. Electronics Mechanic	1 year 1 year 1 year	Passed 10th class examination under 10+2 system with Science as one of the subject or its equivalent.
5	Electrician Aircraft	855.20	1:10	4 years	Electrician	2 years	Passed 10th class examination under 10+2 system of education with Science and Math as subject or its equivalent

6	Winder (Armeture)	859.50	1:07	3 years	Electrician	2 years	Passed 10th class examination under 10+2 system of education with Science and Math as a subject or its equivalent
7	Cable Jointer	857.30	1:07	3 years	Wireman	1 year	Passed 10th class examination under 10+2 system with Science as a subject or its equivalent
8	Electrician (Mines)	851.15	1:07	3 years	Electrician	2 years	Passed 10th class examination under 10+2 system of education with Science (Physics and Chemistry) as one of subject or its equivalent.
9	Electroplater	728.10	1:07	3 years	Electroplater	2 years	Passed 10th class examination under 10+2 system of education or its equivalent.
<b>Group No. 5 - Building and Furniture Trades Group</b>							
1	Carpenter	811.10,811.20	1:07	3 years	Carpenter	1 year	Passed 8th class examination under 10+2 system of education with Science as one of the subjects or its equivalent

2	Plumber	871.10	1:02	3 years	Plumber	1 year	Passed 8th class examination under 10+2 system of education or its equivalent.
3	Mason (Building Constructor)	951.20	1:07	2 years	Building Constructor	1 year	Passed 8th class examination under 10+2 system of education or its equivalent.
4	Furniture and Cabinet Maker	812.10, 812.20	1:07	3 years	Carpenter	1 year	Passed 8th class examination under 10+2 system of education with science as subject or its equivalent. "Desirable":- Passed in 10th 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	1:05	2 years	Sports Goods Maker (Wood)	1 year	Passed 8th class examination under 10+2 system of education or its equivalent.
6	Lift Mechanic	8333.70	1:05	3 years	Lift Mechanic	2 Years	Passed 10th class examination under 10+2 system of education or its equivalent.

7	Building Maintenance Technician	3112.90	1:05	1 year	Building Maintenance	6 months	Passed 10th class examination under 10+2 system of education or its equivalent.
8	Architectural Assistant	3118.10	1:04	1 year & 6 months	Architectural Assistant	1 year	Passed 10th class examination under 10+2 system of education or its equivalent.
9	Sanitary Hardware Fitter	7233.10	1:04	1 year	Sanitary Hardware Fitter	6 months	Passed 8 <sup>th</sup> class examination from recognized school or its equivalent.
10	Interior Decorator and Designer	3471.10	1:05	2 years	Interior Decorator and Designer	1 year	Passed 10th class examination under 10+2 system of education or its equivalent.
<b>Group No. 6 - Maintenance Trades Group:</b>							
1	Mechanic Machine Tool Maintenance	845.50	1:07	4 years	1. Millwright Maintenance Mechanic 2. Mechanic Machine Tool Maintenance	2 years 3 years	Passed 10th class examination under 10+2 system of education with Science and Math as subjects or its equivalent.

2	Mechanic Maintenance (Textile Machinery)	845.63	1:07	3 years	Fitter	1 year	Passed 10th class examination under 10+2 system of education with Science (Physics and Chemistry) as subjects or its equivalent.
3	Mechanic Maintenance (Chemical Plant)	845.53	1:07	3 years	Mechanic Maintenance (Chemical Plant)	2 years	Passed 10th class examination under 10+2 system of education with Science and Math as subjects or its equivalent
4	Mechanic (Dairy Maintenance)	845.55	1:07	3 years	1. Fitter 2. Tool & Die Maker 3. Refrigeration and Air-conditioning Mechanic	1 year 1 year 1 year	Passed 10th class examination under 10+2 system of education with Science and Math as subjects or its equivalent
5	Mechanic Sewing Machine	945.82	1:04	1 year	Fitter	6 months	Passed 10th class examination under 10+2 system of education or its equivalent
6	Mechanic (Mining Machinery)	845.60	1:10	3 years	Fitter	1 year	Passed 10th class examination under 10+2 system with Science (Physics and Chemistry) as subjects or its equivalent

7	Material Handling Equipment Mechanic- cum-Operator	973.35,973.40, 973.70,974.45, 974.55,979.20, 979.90	1:03	3 years (including 2 years basic training)	Millwright Maintenance Mechanic Renamed as Mechanic Machine Tool Maintenance.	2 years	Passed 10th class examination of 10+2 system of education or its equivalent.
<b>Group No. 7 - Precision Machining Trades Group</b>							
1	Tool and Die Maker (Die and Moulds)	833.10, 833.40	1:02	4 years	1. Tool and Die Maker (Die and Moulds) 2. Fitter 3. Turner 4. Machinist 5. Machinist (Grinder) 6. Tool and Die Maker (Press Tools, Jigs and Fixtures) 7. Tool and Die Maker	3 years  1 year 1 year 1 year 18 months  2 years	Passed 10th class examination under 10+2 system of education with Science and Math as subjects or its equivalent.
2	Tool and Die Maker (Press Tools, Jigs and Fixture)	833.10, 833.41	1:02	4 years	1. Tool and Die Maker (Press Tools, Jigs and Fixtures) 2. Fitter 3. Turner 4. Machinist 5. Machinist (Grinder) 6. Tool and Die Maker 7. Tool and Die Maker (Die and Moulds)	3 years  1 year 1 year 1 year 2 years 18 months	Passed 10th class examination under 10+2 system of education with Science and Math as subjects or its equivalent
3	Plastic Mould-Maker	833.40, 901.30	1:07	4 years	1. Tool and Die-Maker 2. Fitter	3 years 1 year	Passed 10th class examination under 10+2 system of education with Science and Math as subjects or its equivalent
<b>Group No. 8 - Instrument Trades Group</b>							



1	Instrument Mechanic	841.15	1:03	3 years	Instrument Mechanic	2 years	Passed 10th class examination under 10+2 system of education with Science and Math as subjects or its equivalent
2	Mechanic (Instrument Aircraft)	841.15	1:10	4 years	Instrument Mechanic	2 years	Passed 10th class examination under 10+2 system of education with Science and Mathematics as subjects or its equivalent
3	Mechanic Watch and Clock	841.10	1:03	3 years	Mechanic Watch and Clock	2 years	Passed 10th class examination under 10+2 system of education or its equivalent.
<b>Group No 9 - Refrigeration and Air-Conditioning Trade Group</b>							
1	Refrigeration and Air-Conditioning Mechanic	845.70	1:03	3 years	Refrigeration & Air-Conditioning Mechanic	2 years	Passed 10th class examination with Science (Physics and Chemistry) and Mathematics under 10+2 system of education or its equivalent.
<b>Group No. 10 - Heat Engines Trades Group</b>							
1	Mechanic (Motor Vehicle)	753.27	1:04	3 years	Mechanic (Motor Vehicle)	2 years	Passed 10th class examination under 10+2 system of education or its equivalent

2	Mechanic(Diesel)	845.13	1:04	3 years	Mechanic (Diesel)	1 year	Passed 10th class examination or its equivalent.
3	Tractor Mechanic	845.20	1:03	3 years	1. Tractor Mechanic 2. Farm Mechanic Machinery 3. Mechanic Agricultural Machinery	1 year 1 year 1 year	Passed 10th class examination or its equivalent. Desirable : Passed 10th class examination under 10+2 system with Science (Physics & Chemistry) as one of the subjects or its equivalent.
4	Mechanic (Earth Moving Machinery)	845.23	1:01	4 years	1. Mechanic (Tractor) 2. Mechanic (Agricultural Machinery)	1 year 1 year	Passed 10th class examination under 10+2 system of education or its equivalent
5	Mechanic (Marine Diesel)	845.14	1:05	3 years	Mechanic Diesel	1 year	Passed 8th class examination or its equivalent.
6	Driver-cum-Fitter	843.50, 986.55	1:15	3 years	Mechanic (Motor Vehicle)	1 year	<b>Essential</b> – Passed 2 standard below SSLC or passed 8th class examination or its equivalent under 10+2 system of education <b>Desirable</b> - Passed 10th class examination under 10+2 system of education or its equivalent.
7	Auto Mechanic (Two Wheeler/ Three Wheeler)	843.20, 843.30 843.50 ,843.60	1:04	2 years	Mechanic (Motor Vehicle)	1 year	Passed 8th class examination or its equivalent

8	Construction Machinery Mechanic-cum-Operator	843.30, 843.40, 843.50, 973.30, 973.35, 973.50, 973.55, 973.65, 973.70, 974.10, 974.17, 974.45, 974.70	1:01	3 years (Including 2 years Basic Training)	Mechanic (Motor Vehicle )	2 years	Passed 10th class examination of 10+2 system of education or its equivalent
9	Mechanic (Repair and Maintenance of Heavy Vehicles)	7231.10	1:5	2 years	Mechanic (Repair and Maintenance of Heavy Vehicles)	1 year	Passed 10th class examination under 10+2 system of education or its equivalent.
10	Mechanic (Repair and Maintenance of Two Wheelers)	7231.10	1:5	1 year	Mechanic (Repair and Maintenance of Two Wheelers)	6 months	Passed 10th class examination under 10+2 system of education or its equivalent.
11	Mechanic (Repair and Maintenance of Light Vehicles)	7231.10	1:5	2 years	Mechanic (Repair and Maintenance of Light Vehicles)	1 year	Passed 10th class examination under 10+2 system of education or its equivalent.
<b>Group No. 11- Draughtsmen and Survey Trades Group</b>							
1	Draughtsman (Civil)	030.20	1:10	3 years	Draughtsman (Civil)	2 years	Passed 10th class examination under 10+2 system with Science & Mathematics as subjects.

2	Draughtsman (Mechanical)	030.40	1:10	3 years	Draughtsman (Mechanical)	2 years	Passed 10th class examination under 10+2 system with Science and Mathematics as subjects.
3	Surveyor	028.10, 037.10, 037.20	1:10	3 years	Surveyor	2 years	Passed 10th class examination under 10+2 system with Science and Mathematics as subjects
<b>Group No. 12 - Construction Trade Group:</b>							
1	Fitter Structural	874.65	1:07	3 years	Fitter	1 year	Passed 10th class examination under 10+2 system with Science and Mathematics as subjects
<b>Group No. 13 - Power Plant Trades Group:</b>							
1	Boiler Attendant	962.20	1:02	3 years	Fitter	6 months	Passed 10th class examination under 10+2 system with Physics, Chemistry and Mathematics as subjects.
2	Steam Turbine cum Auxiliary Plant Operator	961.30	1:04	3 years	----	----	Passed 10th class examination under 10+2 system of education or its equivalent.
3	Switch Board Attendant	961.50	1:04	3 year	Steam Turbine cum Auxiliary Plant Operator	6 months	Passed 10th class examination under 10+2 system of education with Science or its equivalent

**Group No. 14 - Printing Group of Trades:****(i) Type Setting Group:**

1	Lino Operator	922.10	1:15	3 years	Hand Compositor	1 year	Passed 10th class examination under 10+2 system of education with proficiency in English and any regional language or its equivalent
2	Mono Keyboard Operator	922.20	1:15	3 years	Hand Compositor	1 year	Passed 10th 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	1:15	2 years	Hand Compositor	1 year	Passed 10th class examination under 10+2 system of education with proficiency in English and any regional language or its equivalent.

**(ii) Photo Mechanic Group:**

1	Process Cameraman	926.10	1:05	3 years	---	---	Passed 10th class examination with Physics and Chemistry as subject under 10+2 system of education or its equivalent.
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2	Retoucher Lithographic	925.10	1:04	3 years	---	---	Passed 10th class examination with Physics and Chemistry as subject under 10+2 system of education or its equivalent.
3	Engraver	926.50	1:07	3 years	---	---	Passed 10th 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	1:05	2 years	Book Binder	1 year	Passed 8th class examination under 10+2 system of education or its equivalent.
<b>(iv) Litho Offset Group:</b>							
1	Plate Maker (Lithographic)	926.40	1:03	2 years	---	---	Passed 10th 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	1:02	3 years	---	---	Passed 10th 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	Apprentices Food Production (General)	520.20	1:05	3 years	1. Cook (Vegetarian) 2. Craftsman Food Production (General) 3. Craftsman Food Production (Vegetarian)	1 year 1 year 1 year	Passed Matriculation or its equivalent or 10th class pass under 10+2 system of education.
2	Apprentice Food Production (Vegetarian)	520.20	1:05	2 years	Craftsman Food Production (Vegetarian)	1 year	Passed Matriculation or its equivalent or 10th class pass under 10+2 system of education.
3	Steward	521.40	1:05	2 years	Steward	1 year	Passed Matriculation examination or its equivalent or 10th class pass under 10+2 system of education.
4	Baker and Confectioner	777.10	1:05	2 years	Baker and Confectioner	6 months	Passed 10th class examination under 10+2 system of education or its equivalent
5	House Keeper	510.10	1:05	1 ½ years	---	---	Passed matriculate or 10th class examination under 10+2 system of education.
6	Hotel Clerk/ Receptionist/ Front Office Assistant	352.10	1:05	2 years	---	---	Passed in Matriculation class examination under 10+2 system of education or its equivalent.

7	Fruit and Vegetable Processor	775.90	1:10	2 years	Preservation of Fruit and Vegetables	1 year	Passed in Matriculation class examination under 10+2 system of education or its equivalent.
8	House Keeper (Domestic)	5121.20	1:05	1 year	Domestic House Keeping	6 months	Passed 10th class examination under 10+2 system of education or its equivalent
9	House Keeper (Hospital)	5121.35	1:05	1 year and 6 months	Hospital House Keeping	1 year	Passed 12th class examination under 10+2 system of education with Physics, Chemistry and Biology or its equivalent
10	House Keeper (Institution)	5121.10	1:05	1 year	Institution House Keeping	6 months	Passed 10th class examination under 10+2 system of education or its equivalent
11	House Keeper (Corporate)	5121.10	1:05	1 year	Corporate House Keeping	6 months	Passed 10th class examination under 10+2 system of education or its equivalent
12	Cabin/Room Attendant	5121.70	1:05	1 year	Cabin/Room Attendant	6 months	Passed 10th class examination under 10+2 system of education or its equivalent



13	Brew Master	7137.10	1:04	Six Months	---	---	Passed 12th class examination under 10+2 system of education or its equivalent.
<b>Group No. 16- Textile Trades Group</b>							
1	Weaver	755.50	1:50	6 months	---	---	Passed 8th class under 10+2+3 system of education or two class below matriculation examination or its equivalent. <b>Desirable-</b> Passed 10th class examination under 10+2 system of education or its equivalent
2	Doffer-cum-Piecer	752.65, 752.40	1:50	6 months	---	---	Passed 8th class or its equivalent
3	Tenter (Drawing Speed/Fly Frames)	752.10, 752.15, 752.20	1:25	6 months	---	---	Passed 8th class or its equivalent
4	Winder (Textile)	752.70	1:50	6 months	---	---	Passed 8th class or its equivalent
5	Knitter (Hosiery)	757.10, 757.15, 757.20, 757.25, 757.30	1:04	1 ½ years	---	---	Passed 10th class examination under 10+2 system of education or its equivalent
6	Printing Textile	758.30, 758.32, 758.34	1:10	6 months	---	---	Passed 8th class or its equivalent under 10+2 system of education.

7	Creel Boy-cum-Warper	753.40, 753.50	1:05	6 months	---	---	Passed 8th class or its equivalent under 10+2 system of education.
<b>Group No. 17- Mining Trades Group</b>							
1	Sirdar (Colliery)	710.50	1:04	3 years	---	---	Passed 10th class examination under 10+2 system of education with Science (Physics and Chemistry) as subject or its equivalent
2	Shotfirer/Blaster (Mines)	714.10	1:07	2 years	---	---	Passed 10th class examination under 10+2 system of education or its equivalent.
3	Mate (Mines)	710.40, 715.90	1:10	3 years	---	---	Passed 10th class under 10+2 system of education with Science (Physics and Chemistry) as one of the subjects or its equivalent.
<b>Group No. 18 -Chemical Trades Group</b>							
1	Attendant Operator (Chemical Plant)	733.10, 722.10, 733.15, 733.20, 733.40, 733.45, 733.50, 733.70, 733.90, 734.10, 734.15, 734.25, 739.20, 739.55, 741.15, 741.20, 741.20, 741.10	1:10	3 years ( For 10th pass)	Attendant Operator (Chemical Plant)	2 years (For 10th Pass)	Passed 10th under 10+2 system of education with Science (Physics and Chemistry) and Math as subjects or its equivalent.

		741.50, 741.10, 741.60, 741.70, 742.10, 742.20, 742.30, 742.40, 742.60, 742.90, 743.10, 743.30, 743.40, 744.10, 744.20, 744.30, 744.40, 744.50, 745.10, 749.30, 749.34, 749.42, 773.50, 749.62, 749.64, 749.68, 749.72, 749.74, 749.76, 749.80, 749.82, 749.84, 749.86, 749.88, 773.13, 773.23, 773.40, 773.40, 773.50, 773.57, 773.60, 773.65, 773.80, 775.30, 775.40, 775.55, 775.65, 776.20, 776.50, 893.10, 893.20, 893.33, 902.10, 902.20, 902.30, 902.50, 903.10, 903.20		1 & ½ years (For B.Sc.Pass)	Attendant Operator (Chemical Plant)	6 months (For B.Sc. Pass)	Passed B.Sc. with Physics and Chemistry as subjects.
2	Instrument Mechanic (Chemical Plant)	841.20, 841.70, 851.20	1:07	3 years (For 10th Pass)	Instrument Mechanic (Chemical Plant)	2 years ( For 10th pass)	Passed 10th class under 10+2 system of education with Science (Physics & Chemistry) and Maths as subjects or its equivalent.
				1 & ½ years (For B.Sc. Pass)	Instrument Mechanic (Chemical Plant)	6 months	Passed B.Sc. with Physics and Chemistry as subjects.

3	Laboratory Assistant (Chemical Plant)	010.30, 034.10 034.30, 034.50, 035.10, 083.10	1:04	3 years (For 10th Pass)	Laboratory Assistant (Chemical Plant)	2 Years (For 10th Pass)	Passed 10th class under 10+2 system of education with Science (Physics & Chemistry) and Maths as subjects or its equivalent.
				1 & ½ years (For B.Sc. Pass)	Laboratory Assistant (Chemical Plant)	6 months (For B.Sc. Pass)	Passed B.Sc. with Physics and Chemistry as subjects.
4	Fibre Reinforced Plastic Processor	901.15, 901.20, 901.25, 901.30, 901.35, 901.40, 901.45, 901.50, 901.55	1:05	2 years	Plastic Process Operator	1 year	Passed 10th class examination under 10+2 system of education or its equivalent
5	Plastic Processing Operator	901.20, 901.25, 901.30, 901.35, 901.40, 901.45, 901.50, 901.55, 901.60, 901.65	1:05	2 years	Plastic Process Operator	1 year	Passed 10th class examination under 10+2 system of education or its equivalent.

**Group No. 19 - Cutting and Tailoring Trades Group**

1	Designer and Master Cutter	794.40, 794.60	1:05	2 years	1. Cutting and Tailoring 2. Cutting and Sewing	1 year 1 year	Passed 8th class examination under 10+2 system of education or its equivalent
2	Tailor (Men)	791.30, 791.40, 791.5	1:04	1 & ½ years	Cutting and Tailoring Renamed as Cutting & Sewing	1 year	Passed 8th class examination or its equivalent.
3	Tailor (Women)	791.2	1:04	1 & ½ years	Cutting and Tailoring Renamed as Cutting & Sewing	1 year	Passed 8th class examination or its equivalent.
4	Tailor (General)	791.10, 791.90	1:05	2 years	Cutting and Tailoring Renamed as Cutting & Sewing	1 year	Passed 8th class examination or its equivalent

5	Dress Maker	781.2	1:07	2 years (Including One Year Basic Training)	1. Dress Making 2. Cutting and Tailoring 3. Cutting and Sewing	1 year 1 year 1 year	Passed 10th class examination under 10+2 system of education or its equivalent.
6	Embroidery & Needle Worker	795.4	1:07	2 years (Including One Year Basic Training)	Embroidery & Needle Worker	1 year	Passed 10th class examination under 10+2 system of education or its equivalent.
7	Cutting and Sewing Machine Operator	7433.10, 7435.30, 7435.40	1:07	2 years	Cutting and Sewing	1 year	Passed 8th class examination or its equivalent.
8	Assistant Fashion Designer (Garment)	7435.10	1:07	2 years	Fashion Technology	1 year	Passed 12th class examination under 10+2 system of education or its equivalent.
9	Computer Aided Embroidery and Needle Worker	8263.45	1:07	1 year	Computer Aided Embroidery and Needle Worker	6 months	Passed 10th class examination under 10+2 system of education or its equivalent.
<b>Group No. 20 – Agriculture Trades Group</b>							
1	Mechanic (Agriculture Machinery)	345.20	1:07	3 years	1. Farm Mechanic 2. Tractor Mechanic	2 years 1 Year	Passed 10th class Examination under 10+2 system of education or itsequivalent. <b>Desirable</b> – Passed 10th class examination with Science(Physics & Chemistry ) as one of the subjects

2	Horticulture Assistant	53.20	1:07	2 years	---	---	Passed 10th class Examination under 10+2 system or its equivalent.
3	Stockman (Dairy)	082.10, 082.20	1:07	2 years	---	---	Passed 10th class Examination under 10+2 system of education with Science or its equivalent.
4	Attendant Operator (Dairy)	776.10, 776.20, 776.30, 776.40, 776.50, 776.60, 776.70, 776.90	1:07	3 years	---	---	Passed 10th class Examination under 10+2 system of education with Science and Mathematics or its equivalent.
5	Pump Operator Cum Mechanic	845.57	1:04	2 years	1. Pump Mechanic 2. Pump Operator Cum Mechanic	1 year 1 year	Passed 10th class under 10+2 system of education with Science or its equivalent.
6	Florist and Landscaper	2213.2	1:05	One Year	Florist and Landscaper	Six Months	Passed 12th class under 10+2 system of education with Biology or its equivalent.
<b>Group No. 21 - Leather Crafts Trades Group</b>							
1	Sports Goods Maker (Leather)	809.90	1:05	2 years	Sports Goods Maker (Leather)	1 year	Passed 10th class examination under 10+2 system of education or its equivalent.

2	Leather Goods Maker	809.10, 809.20, 809.30, 809.40	1:07	2 years	Manufacturer of suitcase and other leather Goods	1 year	Passed 8th class examination under 10+2 system or 2 class below Matriculation examination or its equivalent
3	Footwear Maker	801.10	1:04	2 years	Manufacture of Footwear	1 year	Passed in 8th examination under 10+2+3 or 2 class below Matriculation examination or its equivalent
4	Finished Leather Maker	761.00	1:03	2 years	---	---	Passed in 8th examination under 10+2+3 or 2 class below Matriculation examination or its equivalent.
5	Maintenance Mechanic for Leather Machinery	845.50	1:03	3 years	Fitter	1 year	Passed 10th under 10+2 system (Physics and Chemistry) and Math as subjects or its equivalent.
6	Upholsterer	796.10	1:05	2 years	1. Upholsterer 2. Leather Goods Maker.	1 year 1 year	Pass in 8th class examination under 10+2 system of education or 2 class below Matriculation examination or its equivalent.

**Group No. 22 - Ship Building Trades Group**

1	Shipwright(Steel)	816.20	1:07	3 years	Fitter	1 year	Passed 10th class under 10+2 system of education or equivalent. <b>Desirable</b> -Passed SSLC with Science (Physics and Chemistry) and Math or its equivalent or passed 10th class examination under 10+2 system with Science & Mathematics as subjects.
2	Pipe Fitter	871.20	1:07	3 years	Plumber	1 year	Passed 10th class under 10+2 system with Science ( Physics and Chemistry) & Mathematics or its equivalent
3	Rigger	972.10	1:07	2 years	---	---	Pass the 8th examination under 10+2 system or its equivalent. <b>Desirable</b> - Passed 8th Class examination with Science and Math as under 10+2+3 system education or two standard below matriculation.



4	Gas Cutter	872.40	1:07	2 years	Welder (Gas and Electric)	1 year	Pass the 8th examination under 10+2 system of education or its equivalent. <b>Desirable</b> - Passed 8th class examination with Science and Math as subject under 10+2+3 system of education or two standard below matriculation
5	Shipwright (Wood)	816.70	1:07	3 years	Carpenter	1 year	<b>Essential</b> - Passed 10th under examination under 10+2 system of education or its equivalent. <b>Desirable</b> - Passed 10th under 10+2 with Science ( Physics and Chemistry) and Mathematics or its equivalent.
<b>Group No. 23 - Electronics Trades Group</b>							
1	Mechanic Radio and Radar Aircraft	852.30, 854.50, 854.60	1:10	4 years	1. Mechanic(Radio and T.V.) 2. Electronics Mechanic	2 years 2 Years	Passed 10th class examination under 10+2 system with Science ( Physics and Chemistry) and Mathematics or its equivalent

2	Electronics Mechanic	852.20	1:05	3 years	1. Mechanic(Radio and T.V.) 2. Electronics Mechanic	2 years 2 years	Passed 10th class examination under 10+2 system with Science ( Physics and Chemistry) and Mathematics or its equivalent.
3	Mechanic Television (Video)	854.20	1:07	3 years	1. Mechanic(Radio and T.V.) 2. Electronics Mechanic	2 years 2 Years	Passed Matriculation under 10+2 system with Mathematics and Science or its equivalent.
4	Mechanic-cum-Operator Electronics Communication system	7243.10 7243.20 7243.75 7243.80 7244.10 7244.20	1:05	3 years	1. Mechanic cum Operator Electronic Communication System 2. Electronics Mechanic 3. Information Technology and Electronic System Maintenance (ITESM)	2 Year  2 Year 2 Year	Passed 10th Class examination with Science under 10 + 2 system of education or its equivalent
5	Mechanic Communication Equipment Maintenance	7244.20	1:05	2 Years	1. Mechanic Communication Equipment Maintenance. 2. Mechanic Radio and T.V. 3. Mechanic cum Operator Electronic Communication System	1 Year  1 Year 1 Year	Passed 10th Class examination under 10 + 2 system of education or its equivalent
6	Mechanic Radio and T.V.	7243.70	1:05	3 Years	Mechanic Radio and T.V.	2 Years	Passed 10th 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	1:04	2 Years	Photographer	1 year	Passed 10th class under 10+2 system with Science ( Physics and Chemistry) as one of the subjects or its equivalent
2	Digital Photographer	3131.25	1:05	1 year and 6 months	Digital Photographer	1 year	Passed 10th 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)	951.30	1:10	3 years	Mason (Building Constructor)	1 year	Passed 10th under 10+2 system with Science ( Physics and Chemistry) as one of the subjects or its equivalent.
2	Furnace Operator (Steel Industry)	721.55, 721.60	1:15	2 years	---	---	Passed 10th under 10+2 system with Science ( Physics and Chemistry) and Mathematics or its equivalent
3	Steel Melting Hand	723.15, 723.20, 723.30	1:15	2 years	---	---	Passed 10th under 10+2 system with Science (Physics and Chemistry) and Mathematics or its equivalent.
4	Crane Operator (Overhead Steel Industry)	973.45	1:15	2 years	---	---	Passed 10th under 10+2 system with Science ( Physics and Chemistry) and Mathematics or its equivalent

5	Operator (Steel Plant)	8121.15 8121.55 8121.60 8122.50 8122.52 8159.10 8159.12 8161.45	1:7	2 years	---	---	Passed 10th under 10+2 system with Science ( Physics and Chemistry) and Mathematics or its equivalent
6	Electrician ( Steel plant)	7137.10	1:05	2 years	---	---	Passed 10th class examination under 10+2 system of education or its equivalent.
7	Electronics Mechanic ( Steel plant)	7243.10	1:05	2 years	---	---	Passed 10th class examination under 10+2 system of education or its equivalent.
8	Fitter( Steel plant)	7233.10	1:05	2 years	---	---	Passed 10th class examination under 10+2 system of education or its equivalent.
9	Instrument Mechanic ( Steel plant)	7311.10	1:05	2 years	---	---	Passed 10th class examination under 10+2 system of education or its equivalent.
10	Operator Coal Handling Equipment	8162.40	1:05	2 years	---	---	Passed 8th class examination from a recognized school or its equivalent.
11	Operator Locomotive and Rail Cranes in Steel Plant	8162.50 8333.30	1:05	2 years	---	---	Passed 8th class examination from a recognized school or its equivalent.

12	Operator Material Handling at Raw Material Handling Plant	8121.90	1:05	2 years	---	---	Passed 8th class examination from a recognized school or its equivalent.
13	Operator Coke Ovens Battery Equipments	8159.16	1:05	2 years	---	---	Passed 8th class examination from a recognized school or its equivalent.
14	Operator Blast Furnace Iron Making Equipments	8223.60 8121.15	1:05	2 years	---	---	Passed 8th class examination from a recognized school or its equivalent.
15	Operator Steel Melting Equipments	8121.35	1:05	2 years	---	---	Passed 8th class examination from a recognized school or its equivalent.
16	Operator Sinter Plant Equipments	8121.90	1:05	2 years	---	---	Passed 8th class examination from a recognized school or its equivalent.
17	Operator Rolling Mills Equipment (Long Products)	8122.20	1:05	2 years	---	---	Passed 8th class examination from a recognized school or its equivalent.
<b>Group No. 26 - Beautician Trades Group</b>							

1	Beautician	560.30	1:03	2 years	---	---	<p>Passed Matriculation examination or its equivalent or 10th class examination under 10+2 system with Biology as one of the subjects.</p> <p><b>Desirable</b> – Passed Higher Secondary or Pre-University Course or plus 2 of 10+2 system with Biology as one of the subjects.</p>
2	Hair Dresser	560.10, 560.20	1:02	2 years	---	---	<p>Passed Matriculation examination or its equivalent or 10th class examination under 10+2 system with Biology as one of the subjects.</p> <p><b>Desirable</b> – Passed Higher Secondary or Pre-University Course or plus 2 of 10+2 system with Biology as one of the subjects.</p>

3	Health and Slimming Assistant	089.50	1:03	2 years	---	---	Passed Matriculation examination or its equivalent or 10th class examination under 10+2 system with Biology as one of the subjects. <b>Desirable</b> – Passed Higher Secondary or Pre-University Course or plus 2 of 10+2 system with Biology as one of the subjects
4	Hair and Skin Carer	560.10, 560.30	1:10	2 years	Hair and Skin Carer	1 year	Passed Matriculation examination or its equivalent or 10th class examination under 10+2 system with Biology as one of the subjects. <b>Desirable</b> – Passed Higher Secondary or Pre-University Course or plus 2 of 10+2 system with Biology as one of the subjects.
<b>Group No. 27 – Glass and Ceramic Trades Group</b>							
1	Ceramic Moulder	892.25	1:04	2 years	---	---	Passed 8th class of 10+2 system of education or 2 standard below or its equivalent.

2	Ceramic Caster	891.20	1:04	2 years	---	---	Passed 8th class of 10+2 system of education or 2 standard below or its equivalent.
3	Ceramic Kiln Operator	893.30	1:04	2 years	---	---	Passed 8th class of 10+2 system of education or 2 standard below or its equivalent.
4	Ceramic Press Operator	892.60	1:04	2 years	---	---	Passed 8th class of 10+2 system of education or 2 standard below or its equivalent.
5	Ceramic Decorator	895.30	1:04	2 years	---	---	Passed 8th class of 10+2 system of education or 2 standard below or its equivalent.
6	Moulder (Refractory)	892.65	1:04	2 years	---	---	Passed 8th class of 10+2 system of education or 2 standard below or its equivalent
7	Enamel Glazer	895.50	1:04	2 years	---	---	Passed 10th class examination under 10+2 system with Science as subject or its equivalent.
8	Insulator Maker/ Machine Operator (Ceramic)	899.44, 899.45	1:04	3 years	---	---	Passed 10th class under 10+2 system of education with Science or its equivalent.



9	Optical Worker	891.48	1:04	3 years	1. Machinist 2. Machinist(Grinder) 3. Turner 4. Fitter 5. Millwright Maintenance Mechanic	1 year 1 year 1 year 1 year 1 year	Passed 10th class examination under 10+2 system of education or its equivalent.
<b>Group No. 28 - Painting Trades Group</b>							
1	Painter (General)	932.10	1:07	3 years	Painter (General)	2 years	Passed 8th class or its equivalent.
2	Painter (Marine)	931.20	1:07	2 years	Painter (General)	1 year	Passed 8th class examination under 10+2 system preferably with Math and Science or two standard below.
<b>Group No. 29 - Computer Trades Group</b>							
1	Data Preparation & Computer Software	103.10, 103.20	1:05	2 years	Data Preparation & Computer Software Renamed as Computer Operator and Programming Assistant	1 year	Passed 12th class examination under 10+2 system of education with Science/Commerce as subjects or its equivalent. (Other things being equal, preference will be given to candidates with higher qualification)

2	Desk Top Publishing Operator	922.65	1:04	2 years	Desk Top Publishing Operator	1 year	<p><b>Essential</b> - (i) Passed class 12th under 10+2 system. (ii) Typing speed of 30 words per minute in English.</p> <p><b>Desirable</b> - Typing speed of 30 words per minute in any one of the languages specified in the Eighth Schedule to the Constitution of India.</p>
3	Programming and Systems Administration Assistant	103.70, 103.80	1:05	1 year	---	---	National Trade Certificate issued by National Council for Vocational Training in "Computer Operator and Programming Assistant"
4	Information Technology and Electronic System Maintenance (ITESM)	7243.10	1:04	3 Years	1. Electronic Mechanic 2. Information Technology and Electronic System Maintenance (ITESM)	1 Year 2 Years	Passed 10th Class under 10+2 System of education or its equivalent
5	Computer Operator and Programming Assistant	4112.20	1:04	2 years	Computer Operator and Programming Assistant	1 year	Passed 12th class examination under 10+2 system of education with Science or Commerce or duly recognized diploma in engineering (other than computers) from any polytechnic of three years duration.

<b>Group No. 30 - Hi-Tech Trades Group</b>							
1	Advanced Attendant Operator (Process)	730.20, 740.10, 740.90, 900.10, 740.20, 890.20, 770.90, 730.90, 770.40	1:07	1 & ½ years	---	---	Passed B.Sc with Physics and Chemistry as compulsory and Mathematics as desirable subject.
2	Operator Cum Mechanic Pollution Control Equipment.	039.10, 039.90	1:05	2 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, 089.90, 090.90	1:05	2 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	852.10, 852.20	1:07	3 years	---	---	Passed 10+2 with Physics, Chemistry and Mathematics
2	Mechanic Advanced Machine Tool Maintenance.	845.10,845.13, 845.16, 845.20, 845.23, 845.26, 845.30, 845.35, 845.37,845.40, 845.43, 845.47, 845.50, 845.53, 845.55, 845.57, 845.60, 845.63, 845.65, 845.70	1:05	3 years	---	---	Passed 10+2 with Physics, Chemistry and Mathematics

3	Operator Advanced Machine Tool	835.10, 835.15, 835.25, 835.30, 835.25, 835.30, 835.40, 835.45, 835.90	1:07	3 years	---	---	Passed 10+2 with Physics, Chemistry and Mathematics.
4	Power Electrician	851.10, 851.20, 851.30	1:10	4 years	Electrician	2 years	Passed 10th class with Science as one of the subject or its equivalent.
5	Operator Cum Mechanic (Power Plant)	842.10, 842.15, 842.20, 842.65	1:10	4 years (combined strength including Basic Training of Mechanic and Operator of Power Plant)	Millwright Maintenance Mechanic & or Fitter	2 years	Passed 10th class examination under 10+2 system of education with Science and Mathamatics or its equivalent.
6	Mechanic Medical Electronics	7243.30	1:05	Three Years	Mchanic Medical Electronics	Two Years	Passed 10th class examination under 10+2 system of education with Science and Mathamatics or its equivalent.
7	Mechanic Consumer Electronics	7243.10	1:05	Three Years	Mchanic Consumer Electronics	Two Years	Passed 10th class examination under 10+2 system of education with Science and Mathamatics or its equivalent.

8	Mechanic Mechatronics	7243.10	1:05	Three Years	Mechanic Mechatronics	Two Years	Passed 12th class examination under 10+2 system of education with Science and Mathamatics or its equivalent.
<b>Group No. 32- Informal Sector Trades Group</b>							
1	Jewellery and Precious Metal Worker	889.90	1:03	1 year (including one week Basic Trg.)	---	---	Passed 8th Class Examination under 10+2 System of education or its equivalent.
2	Gardener	652.10	1:02	1 year (including one week Basic Trg.)	---	---	Passed 10th Class Examination under 10+2 System of education or its equivalent.
3	Call Centre Assistant	599.90	1:02	6 months (including one week Basic Trg.)	---	---	Passed 10+2 examination or Passed National Trade Certificate issued by National Council for Vocational Council in Electronics Communication System, Computer Operator and Programming Assistant, Information Technology and Electronics System Maintenance, Radio and Television, Instrument Mechanic

4	Barber/Hair Cutter/ Dresser	560.20	1:03	6 months. (including one week Basic Trg.)	---	---	Passed 8th class examination
5	Battery Repairer	859.65	1:02	1 year. (including one week Basic Trg.)	---	---	Passed 10th class examination under 10+2 system of education or its equivalent.
6	Tyre Repairer	903.60	1:03	6 months. (including one week Basic Trg.)	---	---	Passed 8th class examination
7	Screen Printing	929.50	1:03	6 months. (including one week Basic Trg.)	---	---	Passed 10th class examination under 10+2 system of education or its equivalent.
8	Beautician Assistant	560.30	1:03	6 months. (including one week Basic Trg.)	---	---	Passed 10th class examination under 10+2 system of education or its equivalent.
9	Medical Laboratory Technician (Pathology)	060.10	1:03	6 months. (including one week Basic Trg.)	---	---	Passed 12th class examination under 10+2 system of education with Physics, Chemistry and Biology
10	Medical Laboratory Technician (Radiology)	086.10	1:03	6 months. (including one week Basic Trg.)	---	---	Passed 12th class examination under 10+2 system of education with Physics, Chemistry and Biology

11	Medical Laboratory Technician (Cardiology and Physiology)	069.90	1:03	6 months. (including one week Basic Trg.)	---	---	Passed 12th class examination under 10+2 system of education with Physics, Chemistry and Biology
12	Pruner Tea Gardens	640.10	1:07	6 months. (including one week Basic Trg.)	---	---	Passed 8th class
13	Cable Television Operator	861.1	1:03	6 months. (including one week Basic Trg.)	---	---	Passed 10th class examination under 10+2 system of education or its equivalent.
<b>Group No. 33: Retail Sector Trades Group</b>							
1	Sales Person (Retail)	5220.35	1:06	6 months	---	---	Passed 10th class examination under 10+2 system of education or its equivalent.
2	Senior Sales Person (Retail)	5220.15, 5220.35	1:06	1 year	Sales Person (Retail)	6 months	Passed 10th class examination under 10+2 system of education or its equivalent
<b>Group No. 34: Glassware/Metalware Trades Group</b>							
1	Lacquering and Powder Coating Operator	7422.60, 7422.62	1:03	1 year	---	---	Passed 10th class examination under 10+2 system of education or its equivalent.
2	Wood Handicrafts Worker	7422.42, 7422.48, 7423.20	1:03	1 year	---	---	Passed 10th class examination under 10+2 system of education or its equivalent.

3	Glass Former and Processor	7142.60, 7322.38, 7322.40, 7322.45, 7323.10	1:05	1 year	---	---	Passed 8th class examination from recognized school or its equivalent.
<b>Group No. 35 - Centre of Excellence Trades Group:</b>							
1	Mechanic Automobile (Advance Petrol Engine)	7233.22	1:02	2 Years	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).	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent.
2	Mechanic Automobile (Advance Diesel Engine)	7233.24	1:02	2 Years	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 (Diesel).	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent.
3	Mechanic Auto Electronics	7242.10	1:02	2 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.	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent.



4	Mechanic (Denting, Painting and Welding)	7142.20, 7213.30	1:02	2 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.	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent.
5	TIG/MIG Welder	7212.10, 7212.20, 7212.30, 7212.65, 8231.35	1:03	2 Years	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.	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent.
6	Structural Welder	7212.10, 7212.20, 7212.30, 7212.65, 8231.35	1:03	2 Years	Broad Based Basic Training in Fabrication (Fitting & Welding) Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Structural Welding.	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent.
7	Welder (Pipe and Pressure Vessels)	7212.10, 7212.20, 7212.30, 7212.65, 8231.35	1:02	2 years	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.	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent.

8	Chemical Laboratory Assistant	3111.30	1:02	2 years	Broad Based Basic Training in Chemical Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Laboratory Assistant.	1 year and 6 months	Passed 10th class exam. under 10+2 system of education or its equivalent.
9	Advance Mechanic (Instruments)	7311.10, 7311.30, 7241.10	1:02	2 years	Broad Based Basic Training in Chemical Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Instruments Mechanic.	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent
10	CAD-CAM Operator cum Programmer	3121.20	1:02	2 years	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	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent.
11	Advance Welder	7212.10, 7212.20, 7212.30, 7212.65, 8231.35	1:02	2 years	Broad Based Basic Training in Production and Manufacturing Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Advanced Welding.	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent.

12	Jigs and Fixtures Maker	7222.30	1:02	2 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.	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent.
13	Quality Assurance Assistant	3152.90	1:02	2 years	Broad Based Basic Training in Production and Manufacturing Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Quality Engineering.	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent
14	CNC Programmer cum Operator	3121.20	1:03	2 years	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.	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent.
15	Operator PLC System	8211.90	1:02	2 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.	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent.

16	Mechanic Electrical Domestic (Appliances)	7233.58	1:02	2 years	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.	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent.
17	Mechanic (HT, LT Equipments and Cable Jointing)	7245.20	1:02	2 years	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 Sub-station and Cable Jointing.	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent.
18	Mechanic (Electrical Power Drives)	7241.20, 7242.10	1:02	2 years	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.	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent.

19	Mechanic (Embedded Systems and PLC)	8211.9	1:02	2 years	Broad Based Basic Training in Electronics Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Embedded Systems & PLC.	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent.
20	Mechanic Power Electronics (Inverters, UPS and Maintenance of Drives)	7241.10, 7242.10	1:02	2 years	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.	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent.
21	Mechanic (DTH and other Communication System)	7243.10, 7244.20	1:02	2 years	Broad Based Basic Training in Electronics Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Communication System.	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent
22	Mechanic (Domestic, Commercial Refrigeration and Air Conditioning Machines)	7233.50	1:02	2 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 Domestic, Commercial Refrigeration and Air Conditioning.	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent.

23	Mechanic (Central Air conditioning Plant, Industrial cooling and Package Air conditioning)	8281.25, 8169.30	1:02	2 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 Central Air conditioning Plant, Industrial cooling and Package Air-conditioning.	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent.
24	Mechanic (Cold storage, Ice plant and Ice candy plant)	7413.50, 8169.30	1:02	2 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.	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent.
25	Computer Aided Pattern Maker	7222.80, 7422.38, 7434.20, 7435.10, 7442.16	1:02	2 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.	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent.

26	Fashion Designing Assistant	3471.40	1:02	2 years	Broad Based Basic Training in Apparel Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Fashion Designing.	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent.
27	Shirts and Trousers Maker	7433.25, 7433.30	1:04	2 years	Broad Based Basic Training in Apparel Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Shirts and Trousers.	1 year and 6 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	1:05	2 years	Broad Based Basic Training in Electrical Sector under Centre of Excellence Scheme and Advanced Module of Centre of Excellence Scheme in Non Conventional	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent
29	Mechanic (Repair and Maintenance of Instruments used in Electrical Engineering)	7241.10	1:05	2 years	Broad Based Basic Training in Electrical Sector under Centre of Excellence Scheme and Advanced Module of CoE Scheme in Repair and Maintenance of Instruments used in Electrical Engineering.	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent

30	Extrusion Machine Operator (Plastic)	8232.20	1:03	2 years	Broad Based Basic Training in Plastic Processing Sector under Centre of Excellence Scheme and Advanced Module of of Centre of Excellence Scheme in Extrusion Process	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent
31	Injection Moulding Machine Operator	8232.25	1:03	2 years	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	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent
32	Blow Moulding Machine Operator	8232.35	1:03	2 years	Broad Based Basic Training in Plastic Processing Sector under Centre of Excellence Scheme and Advanced Module of Centre of Excellence Scheme in Blow Moulding Moulding Process	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent
33	House Keeper (Hotel)	5121.10	1:05	2 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.	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent



34	Assistant Front Office Manager	5121.25	1:05	2 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.	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent
35	Apprentice Food Production (Cookery)	5122.20	1:05	2 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)	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent
36	Apprentice Food and Beverage Services (Stewardship)	5123.20	1:05	2 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 (Stewardship)	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent
37	Computer and Peripheral Hardware Repair and Maintenance Mechanic	3114.10, 5220.25	1:04	2 years	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.	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent

38	Computer Networking Technician	4122.10, 4122.20, 4113.35	1:04	2 years	Broad Based Basic Training in Information Technology Sector under Centre of Excellence Scheme and Advanced Module of Centre of Excellence Scheme in Computer Networking.	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent
39	Multimedia and Web Page Designer	4113.30	1:04	2 years	Broad Based Basic Training in Information Technology Sector under Centre of Excellence Scheme and Advanced Module of Centre of Excellence Scheme in Web Page Designing.	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent
40	Process Plant Operator	8152.10	1:03	2 years	Broad Based Basic Training in Process Plant Maintenance Sector under Centre of Excellence Scheme and Advanced Module of Centre of Excellence Scheme in Operator Chemical Plant.	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent
41	Utility Operator	8161.30	1:03	2 years	Broad Based Basic Training in Process Plant Maintenance Sector under Centre of Excellence Scheme and Advanced Module of Centre of Excellence Scheme in Boiler and Steam Turbine.	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent

42	Maintenance Mechanic	8159.79	1:03	2 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.	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent
43	Electrical Mechanic	7241.20	1:03	2 years	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.	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent
44	Instrument Controller	7241.10	1:03	2 years	Broad Based Basic Training in Process Plant Maintenance Sector under Centre of Excellence Scheme and Advanced Module of Centre of Excellence Scheme in Electronic and Instrument Maintenance of Process Plant.	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent

45	Technician Fabricator	7212.30	1:03	2 years	Broad Based Basic Training in Electronics Sector under Centre of Excellence Scheme and Advanced Module of Centre of Excellence Scheme in Designing of Steel Structure.	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent
46	Mechanic Radio, Audio, Video System and Appliances	7243.70, 7243.90	1:03	2 years	Broad Based Basic Training in Electronics Sector under Centre of Excellence Scheme and Advanced Module of Centre of Excellence Scheme in Radio, Audio, Video System and Appliances .	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent
47	Mechanic Repair and Maintenance of Electronics Test Equipment	7243.10	1:03	2 years	Broad Based Basic Training in Electronics Sector under Centre of Excellence Scheme and Advanced Module of Centre of Excellence Scheme in Repair and Maintenance of Electronics Test Equipment .	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent
48	Mechanic Automobile Electronics	7231.10	1:03	2 years	Broad Based Basic Training in Electronics Sector under Centre of Excellence Scheme and Advanced Module of Centre of Excellence Scheme in Automobile Electronics.	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent

49	Mechanic Mechanical Maintenance (Industrial Automation)	7233.38	1:03	2 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.	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent
50	Mechanic Electrical Maintenance (Industrial Automation)	7241.70	1:03	2 Years	Broad Based Basic Training in Industrial Automation Sector under Centre of Excellence Scheme and Advanced Module of Centre of Excellence Scheme in Electrical Maintenance for Automation.	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent
51	PLC Operator	7233.38	1:03	2 Years	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	1 year and 6 months	Passed 10th class examination under 10+2 system of education or its equivalent

**Group No.36. Hospitality Trades Group**

1	Tourist Guide	5113.20	1:07	1 year	Tourist Guide	6 months	Passed 12th Class examination under 10+2 System of education or its equivalent
2	Old Age Care Taker	5131.20	1:05	1 year	Old Age Care	6 months	Passed 8th Class from recognized School or its equivalent

3	Creche Management Assistant	5121.40	1:04	1 year	Creche Management	6 months	Passed 10th class examination under 10+2 system of education or its equivalent.
4	Pre or Preparatory School Management (Assistant)	3222.10	1:04	1 year	Pre or Preparatory School Management (Assistant)	6 months	Passed 10th class examination under 10+2 system of education or its equivalent.
5	Insurance Agent	3412.10	1:04	1 year	Insurance Agent	6 months	Passed 12th class examination under 10+2 system of education or its equivalent.

**Group No.37- Office Management Trade Group:**

1	Secretarial Assistant	4115.10	1:05	1 year and 6 months	1. Stenography (English) 2. Secretarial Practice	1 Year 1 Year	Passed 12th Class examination under 10+2 System of education or its equivalent
2	Stenographer (English)	4111.10	1:05	1 year and 6 months	Stenography (English)	1 Year	Passed 12th Class examination under 10+2 System of education or its equivalent

**Group No.38- Health Allied Trades Group:**

1	Dental Laboratory Technician	7311.80	1:05	3 years	Dental Laboratory Technician	2 years	Passed 10th class examination under 10+2 system of education or its equivalent.
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2	Heath Sanitary Inspector	3222.10	1:04	1 years and 6 months	Heath Sanitary Inspector	1 year	Passed 12th class examination under 10+2 system of education or its equivalent.
3	Hospital Waste Management Assistant	3222.10	1:04	1 year	Hospital Waste Management Assistant	6 months	Passed 12th 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	4141.1	1:04	1 year	Library and Information Science	6 months	Passed 12th class examination under 10+2 system of education or its equivalent.