Engineering trades

List of Engineering trades under Craftsmen Training Scheme, indicating suitability to PWDs as per RPWD Act-2016

Sl. No. Name of the Trade		Duration	Entry Qualification	Trade Suitable for PWDs As per RPWD Act, 2016
1	2	3	4	5
1	Attendant Operator (Chemical Plant)	2years	Passed 10th class examination under10+2 system of education with Physics, Chemistry & Mathematics as one of the subjects or its equivalent. Passed B.Sc. with Physics & Chemistry.	Not suitable
2	Carpenter	1 year	Passed 8 th class examination under 10+2 system of education with science as one of the subjects or its equivalent.	LD,CP,LC,DW, AA,DEAF,HH,A UTISM,ID,SLD
3	Draughtsman (Civil)	2 years	Passed10th class examination under10+2 system of education with Science and Mathematics or its equivalent.	LD,CP,LC,DW, AA,LV,DEAF,A UTISM,MD
4	Draughtsman (Mechanical)	2 years	Passed10th class examination under10+2 system of education with Science and Mathematics or its equivalent.	LD,CP,LC,DW, AA,LV,DEAF,A UTISM,SLD,M D
5	Electrician	2 years	Passed10th class examination under10+2 system of education with Science as one of the subject or its equivalent.	LD,LC,DW,AA, DEAF,HH
6	Electronic Mechanic	2 years	Passed Matriculation examination under 10+2 system of education Science and Mathematics or its equivalent.	
7	Electroplater	2 years	Passed10th class examination under10+2 system of education or its equivalent.	LD,LC,DW,AA, DEAF,HH
8	Fitter	2 years	Passed10th class examination under10+2 system of education or its equivalent.	LD,LC,DW,AA, LV,DEAF
9	Foundryman	1 year	Passedin10 th class Examination	LD,LC,DW,AA, LV,DEAF
10	Information and Communication Technology System Maintenance	2 years	Passedin10 th class Examination under 10+2 system of education with science Desirable- 12 th class with Maths and Physics.	LD,CP,LC,DW, AA,LV
11	Instrument Mechanic	2 years	Passed10th class examination under10+2 System of education with Science as one of the subjects or its equivalent.	LD,LC,DW,AA, LV,DEAF,AUTI SM LD,CP,LC,DW,
12	Instrument Mechanic (Chemical Plant)	(a) 2years(b) 6 months	Passed10th class examination under10+2 system of education with Physics, Chemistry & Mathematics as one of the subjects or its equivalent. Passed B.Sc. with Physics & Chemistry.	
13	Interior Design & Decoration	01 year	Passed10 th Class Examination under10+2 System of Education.	LD,CP,LC,DW, AA,LV,DEAF,A UTISM,,SLD,M D
14	Laboratory Assistant (Chemical Plant)	(a) 2years(b) 6 months	Passed10 th class examination under10+2 system of education with Physics, Chemistry and Mathematics as one of the subjects or its equivalent. Passed B.Sc. with Physics and Chemistry.	LD,CP,LC,DW, AA,BLIND,LV, DEAF,HH,AUTI SM,ID,SLD

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15	Lift and Escalator Mechanic	2 years	Passed10 th class examination under 10+2 system of education with science or its equivalent.	LD,LC,DW,AA, DEAF,LV
16	Machinist	2 years	Passed10th class examination under 10+2 system of education or its equivalent.	LD,LC,DW,AA, LV,DEAF
17	Machinist (Grinder)	2 years	Passed10th class examination under 10+2 system of education or its equivalent.	LD,LC,DW,AA, LV,DEAF
18	Maintenance Mechanic (Chemical Plant)	2 years	Passed 10th class examination with Physics, Chemistry and Mathematics under10+2 system of education or its equivalent.	LD,LC,DW,AA, LV,DEAF,AUT SM
19	Marine Fitter	2 years	Passed10 th class examination under10+2 system of education with 50% marks in Mathematics & Science or its equivalent	LD,LC,DW,AA, LV,DEAF
20	Mason (Building Constructor)	1 year	Passed 8 th class examination under10+2 system of education or its equivalent.	LD,CP,LC,DW, AA,,LV,DEAF, AUTISM,,SLD, MD
21	Mechanic Two and Three wheeler	1 year	Passed Class 10 th Exam under 10+2 system of Education or its equivalent.	LD,LC,DW,AA, LV,DEAF
22	Mechanic (Diesel)	1 year	Passed10 th class examination under10+2 system or its equivalent.	LD,LC,DW,AA, LV,DEAF
23	Mechanic (Motor Vehicle)	2 years	Passed 10th class examination under 10+2 system of education with Science as one of the subject or its equivalent.	LD,LC,D W,AA,L V,DEAF
24	Mechanic (Refrigeration and Air-Conditioner)	2 years	Passed 10th class examination under 10+2 system of education with Science & Mathematics or its equivalent.	LD,CP,LC,DW, AA,,LV,DEAF, HH
25	Mechanic (Tractor) (10 th passed)	1 year	 Essential – should have passed 8th class examination under10+2 system of education or its equivalent. Desirable – Passed 10th class examination under 10+2 system of education with science (Physics and Chemistry) as one of the subjects or its equivalent. 	LD,LC,DW,AA, LV,DEAF
26 Mechanic 2 years Agricultural Machinery (10 th passed)		2 years	 I. Essential: - Should have passed 8th class examination under 10+2 System of education or its equivalent. II. Desirable: - Passed 10th class Examination under 10+2 system of education with Science (Physics and Chemistry) as one of the subjects. 	LD,LC,DW,AA, LV,DEAF
27	Computer Hardware and Network Maintenance	1 Year	Passed10 th class examination and equivalent.	LD,CP,LC,DW, AA,LV,AUTIS M,SLD
28	Mechanic Consumer Electronic Appliances	2 years	Passed10 th class examination under10+2 system of education with Mathematics & Science or its equivalent.	LD,LC,DW,AA LV,DEAF,AUT SM,SLD

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29	Mechanic	1 year	Passed Class 10 th Exam under 10+2 system of Education or its equivalent	LD,LC,DW,AA, LV,DEAF
	Lens/Prism Grinding			
30	Mechanic Machine Tool Maintenance	2 Years	10 th Pass or equivalent	LD,CP,LC,DW, AA,BLIND,LV, DEAF,HH,AUT SM,ID,SLD
31	Technician Medical Electronics	2 years	Passed10 th class examination under10+2 system of education with Mathematics & Science or its equivalent.	LD,LC,DW,AA, LV,DEAF,AUT SM,SLD
32	Operator Advanced Machine Tools	2 years	Passed 10th class examination under 10+2 system of education with Science as one of the subject or its equivalent.	LD,LC,DW,AA LV,DEAF
33	Painter General	2 years	Passed 10 th class examination or its equivalent.	LD,CP,LC,DW, AA,LV,DEAF,F H,AUTISM,ID,S LD,MI
34	Physiotherapy Technician	1 year	Passed 10 th class examination or its equivalent.	Not considered as medical group of trades under review
35	Plastic Processing Operator	l year	Passed10 th class examination under10+2 system of education or its equivalent.	LD,CP,LC,DW, AA,LV,DEAF,H H,AUTISM,ID, LD,MI
36	Plumber/Sanitary Hardware Fitter	1 year	Appeared10 th class examination under10+2 system of education or its equivalent.	LD,LC,DW,AA LV,DEAF
37	Pump Operator- cum- Mechanic	1 year	Passed10 th class examination under 10+2 system of education with science or its Equivalent.	LD,LC,DW,AA LV,DEAF
38	Radiology Technician	2 years	Passed10 th class examination under10+2 system of education with science or its Equivalent.	Not considered as medical group of trades under review
39	Sheet Metal Worker	1 year	Passed 8 th class examination under10+2 system of education or its equivalent.	LD,LC,DW,AA DEAF,HH
40	Spinning Technician	2 years	Passed 10 th Class Examination	LD,CP,LC,DW, AA,LV,DEAF,I H,AUTISM,ID, LD
41	Surveyor	2 years	Passed 10th class examination under 10+2 system of education with Science and Mathematics or its equivalent.	LD,CP,LC,DW AA,LV,DEAF,, AUTISM,SLD, MD
42	Textile Mechatronics	2 years	Passed 10 th Class Examination	LD,LC,DW,AA LV,DEAF
43	Tool & Die Maker (Dies & Moulds)	2 Years	Passed10 th class examination under10+2 system of education with Science or its equivalent.	LD,LC,DW,AA LV,DEAF

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	45	Turner	2 years	Passed10th class examination under 10+2 system of education or its equivalent.	LD,LC,DW,AA, LV,DEAF
	46	Vessel Navigator	2 years	Passed10 th class examination under10+2 system of education with 50% marks in Mathematics & Science or its equivalent	LD,LC,DW,AA, LV,DEAF
	47	Welder	1 year	Passed 10 th class examination under10+2 system of education or its equivalent.	LD,LC,DW,AA, DEAF,HH,
	48	Weaving Technician	2 years	Passed10 th class examination under10+2 system of education with Mathematics & Science or its equivalent	LD,CP,LC,DW, AA,LV,DEAF,H H,AUTISM,ID,S LD
	49	Wireman	2 years	Passed 8 th class examination or its equivalent.	LD,LC,DW,AA, DEAF,HH
	50	Marine Engine Fitter	l year	10 th class pass with Math and Science or its equivalent	LD,LC,DW,AA, LV,DEAF
	51	Industrial Painter	1 year	Passed10 th class examination or its equivalent.	LD,CP,LC,D W,AA,LV,DE AF,HH,AUTI SM,ID,SLD,M I
	52	Domestic Painter	1 year	10 th class pass or its equivalent.	LD,CP,LC,D W,AA,LV,DE AF,HH,AUTI SM,ID,SLD,M I
	53	Rubber Technician	1 year	10 th class pass or its equivalent.	LD,CP,LC,D W,AA,LV,DE AF,HH,AUTI SM,ID,SLD,M
	54	Architectural Draughtsman	2 years	Passed10 th class examination or its equivalent.	LD,CP,LC,D W,AA,LV,DE AF,AUTISM, SLD,MD
	55	Civil Engineer Assistant	2 years	Passed10 th class examination or its equivalent.	LD,CP,LC,D W,AA,LV,DE AF,AUTISM, SLD,MD
	56	Central Air condition Plant Mechanic	2 years	Passed10 th class examination or its equivalent.	LD,LC,DW,A A,LV,DEAF
	57	Technician Power Electronics System	2 years	Passed10 th class examination or its equivalent.	LD,LC,DW,A A,LV,DEAF,A UTISM,SLD
	58	Welder (Fabrication & Fitting)	1 year	8 th class pass or its equivalent.	LD,LC,DW,A A,DEAF,HH

59	Welder (GMAW & GTAW)	l year	8 th class pass or its equivalent.	LD,LC,DW,A A,DEAF,HH
60	Welder (Pipe)	l year	8 th class pass or its equivalent.	LD,LC,DW,A A,DEAF,HH
61	Welder (Structural)	l year	8 th class pass or its equivalent.	LD,LC,DW,A A,DEAF,HH
62	Welder (Welding & Inspection)	l year	8 th class pass or its equivalent.	LD,LC,DW,A A,DEAF,HH
63	Technician Mechatronics	2 years	Passed10 th class examination or its equivalent.	LD,LC,DW,A A,LV,DEAF
64	Mechanic Mining Machinery	2 years	10 th class pass or its equivalent.	LD,LC,DW,A A,LV,DEAF
65	Refractory Technician	2 years	10 th class pass or its equivalent.	LD,LC,DW,A A,DEAF
66	Solar Technician (Electrical)	1 year	10 th class pass or its equivalent	LD,LC,DW,A A,DEAF,LV,H H
67	Additive Manufacturing Technician (3D Printing)	1 year	10 th class pass or its equivalent	LD,CP,LC,D W,AA,LV,DE AF,AUTISM,
68	Aeronautical Structure and Equipment Fitter	2 years	10 th class pass or its equivalent.	MD LD,LC,DW,A A,LV,HH
69	Electrician - Power Distribution	2 years	10 th class pass or its equivalent.	LD,LC,DW,AA DEAF,HH
70	Metal Cutting Attendant (for Visually Impaired)	2 years	10 th class pass or its equivalent.	Blind, LV

Non-Engineering

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List of Non-Engineering trades under Craftsmen Training Scheme, indicating suitability to PWDs as per RPWD Act-2016

SI. No.	Name of the Trade	Duration	Entry Qualification	Trade Suitable for PWDs as per RPWD Act, 2016
1	2	3	4	5
71	Baker & Confectioner	1 year	under $10 + 2$ system of education or its equivalent.	LD,CP,LC,DW,AA,LV,HH,D EAF, AUTISM, SLD,ID
72	Textile Wet Processing Technician	2 year		LD,CP,LC,DW,AA,LV,DEAF, HH,AUTISM,ID,SLD
73	Bamboo Works	1 Year	Passed 8 th class or its equivalent.	LD,CP,LC,DW,AA,BLIND,L V,DEAF,HH,AUTISM,ID,SL D,MD
74	Computer Aided Embroidery and Designing	1 Year	Passed Class 10 th Exam under 10+2 system of Education or its equivalent	LD,CP,LC,DW,AA,LV,DEAF, HH,AUTISM,ID,SLD
75	Computer Operator and Programming Assistant	1 year	Passed Class 10 th Exam under 10+2 system of Education or its equivalent	LD,CP,LC,DW,AA,LV,HH,A UTISM,SLD
76	Housekeeper	1 year	10+2 system of Education or its equivalent	D
77	Food Production (General)	1 year	10+2 system of education or its equivalent.	LD,CP,LC,DW,AA,LV,HH,D EAF, AUTISM, SLD,ID
78	Dairying	1 year	under10+2 System of Education	LD,LC,DW,AA,LV,HH,DEAF , AUTISM, SLD,ID
79	Dental Laboratory Technician	2 years	Passed 10 th Class Examination under10+2 System of Education.	Not considered as medical group of trades under review
80	Desk Top Publishing Operator	1 year	a) Passed 10 th under 10+2 system or its equivalent.	LD,CP,LC,DW,AA,BLIND,L V,DEAF,HH,AUTISM,ID,SL D
81	Digital Photographer	1 year	Passed 10 th Class under 10+2 system of education or equivalent.	LD,CP,LC,DW,AA,DEAF,HH ,AUTISM
82	Dress Making	1 year	Passed Matriculation examination or its equivalent or 10 th class under 10 + 2 system.	LD,CP,LC,DW,AA,LV,DEAF HH,AUTISM,ID,SLD

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SI. No.	Name of the Trade	Duration	Entry Qualification	
83	Driver Cum Mechanic (Light Motor Vehicle)	6 months	Passed 8 th Class Examination under10+2 System of Education.	LD,LC,DW,AA
84	Fashion Design & Technology	1 year	Passed 10 th Class under 10+2 system of education or equivalent.	LD,CP,LC,DW,AA,LV,I EAF,HH,AUTISM,ID,SI D
85	Floriculture & Landscaping	1 year	Passed 10 th Class under 10+2 system of education or equivalent.	LD,CP,LC,DW,AA,LV,I EAF,HH,AUTISM,ID,SI D
86	Front Office Assistant	1 year	Passed 10 th Class under 10+2 system of education or equivalent.	LD,CP,LC,DW,AA,DEA F,HH
87	Hair and Skin care(for visually impaired)	1 year	Passed Matriculation examination or equivalent.	Blind, LV
88	Health Sanitary Inspector	1 year	Passed 10 th Class under 10+2 system of education or equivalent.	LD,LC,DW,AA,LV,DEA F,HH
89	Horticulture	1 year	Passed 10 th Class under 10+2 system of education or equivalent.	LD,CP,LC,DW,AA,LV,I EAF,HH,AUTISM,ID,SI D
90	Hospital Housekeeping	1 year	Passed 10 th Class under 10+2 system of education or equivalent.	LD,CP,LC,DW,AA,BLI D,LV,DEAF,HH,AUTIS M,ID,SLD
91	Leather Goods Maker	1 Year	Passed 8 th class examination under10+2 system of education or two classes below matriculation examination or its equivalent.	LD,CP,LC,DW,AA,LV, EAF,HH,AUTISM,ID,S D
92	Footwear Maker	1 year	Passed 8 th class examination under10+2 system of education or two classes below matriculation examination or its equivalent.	LD,CP,LC,DW,AA,LV, EAF,HH,AUTISM,ID,S D
93	Old Age Care	1 year	Passed 10 th class examination with Physics and Chemistry under 10+2 system or its equivalent.	LD,CP,LC,DW,AA,BLI D,LV,DEAF,HH,AUTIS M,ID,SLD
94	Photographer	l year	Passed 10 th class examination with Physics and Chemistry under 10+2 system or its equivalent.	LD,CP,LC,DW,AA,DEA F,HH,AUTISM
95	Early Childhood Educator	l year	Passed10 th class examination under10+ 2 system of education with Science or its equivalent.	LD,CP,LC,DW,AA,LV, UTISM
96	Secretarial Practice (English)	1 year	Passed10 th class examination under10+ 2 system of education with Science or its equivalent.	LD,CP,LC,DW,AA,BLI D,LV,AUTISM
97	Stenographer Secterial Assistant (ENGLISH)	1 year	Passed10 th class examination under10+ 2 system of education with Science or its equivalent.	LD (LL),CP,LC,DW,AA,BI ND,LV,AUTISM
98	Stenographer Secterial Assistant (Hindi)	1 year	Passed10 th class examination under10+ 2 system of education with Science or its equivalent.	LD (LL),CP,LC,DW,AA,BI ND,LV,AUTISM
99	Tourist Guide	1 year	10th class Pass or its equivalent.	LD,CP,LC,DW,AA,AU ISM,ID,SLD
100	Weaving Technician for Silk Woolen Fabrics	l year	Passed 8 th class or its equivalent./Passed 10 th class or its equivalent	D
101	Travel & Tour Assistant	l year	10th class Pass or its equivalent.	LD,CP,LC,DW,AA,,AU ISM

102	Catering & Hospitality Assistant	l year	10th class Pass or its equivalent.	LD,CP,LC,DW,AA,DEA F,HH,AUTISM
103	Multimedia, Animation & Special Effect	l year	10 th class pass or its equivalent.	LD,CP,LC,DW,AA,LV,A UTISM,SLD
104	Soil testing and Crop Technician	l year	10 th class pass or its equivalent.	LD,CP,LC,DW,AA,LV, DEAF,HH,AUTISM,ID ,SLD
105	Mechanic Auto Body painting	l year	10 th class pass or its equivalent.	LD,LC,DW,AA,LV,DE AF
106	Mechanic Auto Body Repair	1 year	10 th class pass or its equivalent.	LD,LC,DW,AA,LV,DE AF
107	Finance Executive	l year	10 th class pass or its equivalent.	LD,CP,LC,DW,AA,LV, AUTISM
108	Basic Cosmetology	l year	10 th class pass or its equivalent.	LD,CP,LC,DW,AA,HH, DEAF, OH (LL)
109	Spa Therapy	l year	10 th Passed Matriculation examination or equivalent.	LD,CP,LC,DW,AA,DEA F,HH,SLD
110	Agro Processing	l year	10 th class pass or its equivalent.	LD,CP,LC,DW,AA,LV, HH,DEAF, AUTISM, SLD
111	Food and Beverages Service Assistant	l year	10 th class pass or its equivalent.	LD,CP,LC,DW,AA,LV, HH,DEAF, AUTISM, SLD,ID
112	Fruit & Vegetable Processor	l year	10 th class pass or its equivalent.	LD,CP,LC,DW,AA,LV, HH,DEAF, AUTISM, SLD,ID
113	Milk and milk product technician	l year	10 th class pass or its equivalent.	LD,LC,DW,AA,LV,HH ,DEAF, AUTISM, SLD,ID
114	Desktop Publishing Operator(for visually Impaired)	1 year	10 th class pass or its equivalent.	Blind, LV
115	Data Base System Assistant	l year	12 th class pass or its equivalent.	LD,CP,LC,DW,LV,AA, LV, AUTISM,SLD
116	Information Technology	2 years	10 th class pass or its equivalent.	LD,CP,LC,DW,LV,AA,I V
117	Software Testing Assistant	l year	12 th class pass or its equivalent.	LD,CP,LC,DW,LV,AA, LV
118	Stone Mining Machine Operator	l year	10 th class pass or its equivalent.	LD,LC,DW,AA,LV,DE AF
119	Stone Processing Machine Operator	l year	10 th class pass or its equivalent.	LD,LC,DW,AA,LV,DE AF
120	Fire Technology & Industrial safety Management	l year	10 th class pass or its equivalent.	LD
121	Health, Safety and Environment	l year	10 th class pass or its equivalent.	LD
122	Sewing Technology	1 year	10 th class pass or its equivalent.	LD,CP,LC,DW,AA,LV, DEAF,HH,AUTISM,ID, SLD
123	Surface Ornamentation Techniques (Embroidery)	l year	10 th class pass or its equivalent.	LD,CP,LC,DW,AA,LV, DEAF,HH,AUTISM,ID, SLD

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124	Video Cameraman	l year	10 th class pass or its equivalent.	LD,CP,LC,DW,AA,DEA F,HH,AUTISM
125	Human Resource Executive	1 year	10 th class pass or its equivalent.	LD,CP,LC,DW,AA,LV, AUTISM
126	Marketing Executive	l year	10 th class pass or its equivalent.	LD,CP,LC,DW,AA,LV, AUTISM
127	Geo - Informatics Assistant	1 year	12 th class pass or its equivalent.	LD,LC,DW,AA,LV,AU TISM,DEAF
128	Computer Operator and Programming Assistant (for Visually Impaired)	1 year	10 th class pass or its equivalent.	Blind, LV
129	Cutting and Sewing (for Visually Impaired)	1 year	8 th class pass or its equivalent.	Blind, LV
130	Fireman	6 Months	10 th class pass or its equivalent.	LD
131	Food Beverage	1 year	10 th class pass or its equivalent.	LD,CP,LC,DW,AA,LV, HH,DEAF, AUTISM, SLD,ID
132	Internet of Things (Agriculture)	1 year	10 th class pass or its equivalent.	LD,LC,DW,AA, LV,DEAF,AUTISM,S LD
133	Internet of Things (Healthcare)	1 year	10 th class pass or its equivalent.	LD,LC,DW,AA,LV,DE AF,AUTISM,SLD
134	Internet of Things (Smart City)	l year	10 th class pass or its equivalent.	LD,LC,DW,AA,LV,DE AF,AUTISM,SLD
135	Remotely Piloted Aircraft (RPA/ Drone Pilot	6 Months	10 th class pass or its equivalent.	LD,DEAF,LC,DW,AA, LV,HH
136	Smartphone Technician Cum App Tester	6 Months	10 th class pass or its equivalent.	LD,LC,DW,AA,LV,DE AF,AUTISM,SLD

The Benchmark Disabilities have been redesigned into following 5 (Five) categories as per the Gazette Notification 2016:

Sl. No.	Group –a (1%)	Group –b (1%)	Group – c (1%)	Group –d (0.5%)	Group -e (0.5%)
	Phys	sical Disabilit	У	Intellectual Disability	Multiple Disabilities
1	Locomotor Disability (LD)	Blindness	Deaf	Autism	Multiple Disabilities (MD)
1.1	Cerebral Palsy (CP)	Low Vision(LV)	Hard of Hearing (HH)	Intellectual Disabilities (ID)	
1.2	Leprosy Cured (LC)			Specific Learning Disabilities (SLD)	
1.3	Dwarfism (DW)			Mental Illness (MI)]	
1.4	Acid Attack (AA)				

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