



**Aerospace & Aviation
Sector Skill Council**



**N · S · D · C
National
Skill Development
Corporation**

Drone/UAVs Subsector

Sl. No	Job Role	NSQF Level	Minimum Education Qualification	PMKVY CSCM	PMKVY CSSM	Theory (Hours)	Practicals (Hours)	OJT (Hours)	Total Hours
1	Drone Operator - Multi Rotor	4	8th Class Pass + ITI (2 years) + 2 years relevant experience OR 10th Class Pass + 2 years relevant experience OR 10th Class Pass + ITI (1 years) + 1 year relevant experience OR 10th Class Pass + ITI (2 years) OR 12th Class Pass OR 10th Class Pass + Diploma (3 years) Age - 18 to 65 years	-	-	120	180	90	390



**Aerospace & Aviation
Sector Skill Council**



**N.S.D.C
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Airline Subsector

Sl. No	Job Role	NSQF Level	Minimum Education Qualification	PMKVY CSCM	PMKVY CSSM	Hours (Theory)	Hours (Practicals)	OJT (Hours)	Total Hours
2	Airline Reservation Agent	4	12th Class/10th Class + ITI/1-2 years relevant experience, Age - 18 years	Yes	Yes	120	150	90	360
3	Airline Customer Service Executive	4	12th Class/10th Class + ITI/1-2 years relevant experience, Age - 18 years	Yes	Yes	120	150	120	390
4	Airline First Officer	6	Class XII (Science, Maths)	-	-	1151	1153	-	2304
5	Airline Cabin Crew	4	12th Class/10th Class + ITI/1-2 years relevant experience, Age - 18 years	-	-	240	300	60	600
6	Airline Ramp Executive	4	12th Class/10th Class + ITI/1-2 years relevant experience, Age - 18 years	-	-	120	150	120	390
7	Airline Flight Load Controller	4	12th Class/10th Class + ITI/1-2 years relevant experience, Age - 18 years	-	-	120	150	120	390
8	Flight Dispatcher	5	Class XII (Science)	-	-	262	314	-	576
9	Airline High Lift Truck Operator	3	Class X	-	-	127	161	-	288
10	Airline Baggage Handler (Options : Airside Vehicle Operator)	3	10th Class/8th Class + ITI/1-2 years relevant experience, Age - 18 years	Yes	Yes	90	150	60	300
11	Airline Cargo Assistant (Options : Airside Vehicle Operator)	3	12th Class/10th Class + ITI/1-2 years relevant experience, Age - 18 years	Yes	Yes	90	150	60	300
12	Airline Senior Unit Load Device (ULD) staff	4	Class X	-	-	102	138	-	240
13	Airline Forklift Operator	4	Class X	-	-	86	154	-	240
14	Airline Pushback Operator	4	Class X	-	-	137	151	-	288
15	Airline Ground Support Equipment Operator	4	10th Class/8th Class + ITI/1-2 years relevant experience, (LMV/HMV license required) Age - 18 years	-	-	120	150	120	390
16	Airlines Ground Support Equipment Mechanic	4	10th Class + Diploma in Mechanical / Automobile/ Electrical Engineering and allied subjects,/10th Class + ITI/1-2 years relevant experience, Age - 18 years	-	-	120	150	120	390
17	Airline Technical Publication Executive	4	A.M.E/ B.E (Mechanical / Aeronautical engineering) and allied branches	-	-	102	138	-	240
18	Airline Network Planning Analyst	4	Graduate	-	-	113	127	-	240
19	Airline Revenue Management Analyst	4	Graduate (with a paper in mathematics/statistics/economics)	-	-	97	143	-	240
20	Airline Security Executive	3	10th Class/8th Class + ITI/1-2 years relevant experience, Age - 18 years	Yes	Yes	150	150	60	360

Airport Subsector

Sl. No	Job Role	NSQF Level	Minimum Education Qualification	PMKVY CSCM	PMKVY CSSM	Hours (Theory)	Hours (Practicals)	OJT (Hours)	Total Hours
21	Airport X Ray Qualified Staff	4	Class XII	-	-	108	132	-	240
22	Airport Terminal Electrician	3	ITI (Electrician) and allied branches	-	-	92	148	-	240
23	Airfield Ground Lighting Technician	4	Diploma in Electrical	-	-	102	138	-	240
24	Runway Operator (Options: Airside Vehicle Operator)	5	Class XII	-	-	163	221	-	384
25	Airport Cargo Operations Assistant (Options: Airside Vehicle Operator)	3	10th Class/8th Class + ITI/1-2 years relevant experience, Age - 18 years	-	-	90	120	60	270
26	Airport Unit Load Device (ULD) Staff (Options: Airside Vehicle Operator)	3	Class X	-	-	103	137	-	240
27	Airport Safety Crew	4	8th Class Pass + ITI (2 years) + 2 years relevant experience OR 10th Class Pass + 2 years relevant experience OR 10th Class Pass + ITI (1 years) + 1 year relevant experience OR 10th Class Pass + ITI (2 years) OR 12th Class Pass OR 10th Class Pass + Diploma (3 years) Age - 18 years	-	-	180	210	60	450
28	Airport Fire Prevention Crew	4	Graduate	-	-	112	128	-	240
29	Airport Crash Fire Tenders and Rescue Crew	4	Graduate	-	-	117	123	-	240
30	Airport Wildlife Management Crew	4	Class X	-	-	102	138	-	240
31	Airport Warehouse Coordinator	4	8th Class Pass + ITI (2 years) + 2 years relevant experience OR 10th Class Pass + 2 years relevant experience OR 10th Class Pass + ITI (1 years) + 1 year relevant experience OR 10th Class Pass + ITI (2 years) OR 12th Class Pass OR 10th Class Pass + Diploma (3 years) Age - 18 years	-	-	120	180	90	390
32	Airport Terminal Operations Executive	4	12th Class Pass + 1 year relevant experience OR 2-year Diploma (after 12th Class) in relevant field, 3 year experience OR Graduation in any filed			180	300	60	540

33	Airport Terminal Operations Supervisor	5	2-year Diploma (after 12th Class) in relevant field, 5 year experience OR Graduation in any field, 3 year experience OR Previous relevant Qualification of NSQF Level 4 (2 years experience)			240	330	60	630
34	Airport Terminal Operations Manager	6	Graduation in any field, 5-year experience OR 2-year Diploma (after 12th Class) in relevant field, 7-year experience OR Previous relevant Qualification of NSQF Level 5 (3 years' experience)	-	-	240	330	90	660

Aviation Maintenance Repair & Overhaul Subsector

Sl. No	Job Role	NSQF Level	Minimum Education Qualification	PMKVY CSCM	PMKVY CSSM	Hours (Theory)	Hours (Practicals)	OJT (Hours)	Total Hours
35	Propeller Technician	4	Class XII (with Physics, Chemistry & Maths) or its equivalent	-	-	193	191	-	384
36	Helicopter Transmission Technician	4	Class XII (with Physics, Chemistry & Maths) or its equivalent	-	-	180	204	-	384
37	Aircraft Airframe & Powerplant Technician	4	12th Grade Pass in Science OR Completed 2nd year of the 3-year diploma in Electronic/Electrical/Mechanical after 10th grade OR Aircraft Maintenance Engineer(AME) 2-year course after 12th Grade in Science(PCM)	-	-	180	300	60	540
38	Composite Repair Technician	4	Class XII (with Physics, Chemistry & Maths) or its equivalent	-	-	154	230	-	384
39	Seat and Safety equipment Technician	4	Class XII (with Physics, Chemistry & Maths) or its equivalent	-	-	126	162	-	288
40	Aircraft Avionics Technician	4	12th Grade Pass in Science OR Completed 2nd year of the 3-year diploma in Electronic/Electrical/Mechanical after 10th grade OR Aircraft Maintenance Engineer(AME) 2-year course after 12th Grade in Science(PCM)	-	-	180	300	60	540
41	Technical Services Engineer	5	Pursuing 3rd year or OG in Mechanical/Electrical/Electronic OR Completed 3-year diploma (after 10th) in Mechanical/Electrical/Electronic with 2 years of relevant experience OR Completed 2-year diploma (after 12th) in Mechanical/Electrical/Electronic with 1 years of relevant experience OR Aircraft Maintenance Engineer(AME) 2-year course after 12th Grade in Science(PCM)	-	-	210	300	60	570
42	FOL storage and control Technician	4	Class XII (with Physics, Chemistry & Maths) or its equivalent	-	-	133	154	-	287

Aerospace Design & Development Subsector

Sl. No	Job Role	NSQF Level	Minimum Education Qualification	PMKVY CSCM	PMKVY CSSM	Hours (Theory)	Hours (Practicals)	OJT (Hours)	Total Hours
43	Aerospace Design Assistant_Mechanical	4	Diploma in Mechanical engineering	-	-	117	203	-	320
44	Aerospace Design Assistant_Electrical	4	Diploma in Electrical engineering	-	-	141	179	-	320
45	Design Engineer Aerodynamics	6	Bachelor's Degree in Mechanical / Aeronautics and allied engineering branches	-	-	239	337	-	576
46	Design Engineer Aerospace Propulsion Systems	6	Bachelor's degree in Mechanical/ Aeronautical engineering	-	-	266	310	-	576
47	Design Engineer Avionics/Electrical systems	6	Bachelor's Degree in Electrical / Electronic / Avionics Engineering	-	-	222	353	-	575
48	Design Engineer Aerospace Systems Integrator	7	Bachelor's Degree in Mechanical / Aeronautical / Electrical / Electronics engineering	-	-	265	311	-	576
49	Aerospace Structural Engineer - Designer	6	Bachelor's Degree in Mechanical / Aeronautical Engineering	-	-	243	333	-	576
50	Aerospace Structural Engineer - Analyst	6	Bachelor's Degree in Mechanical / Aeronautical Engineering	-	-	214	362	-	576
51	Aerospace Design Testing Engineer – Mechanical Systems	6	Bachelor's Degree in Mechanical engineering branches Work experience : Min 1 yr in Aerospace design/ Aerospace systems area.	-	-	252	324	-	576
52	Aerospace Design Quality Assurance Engineer	6	Bachelor's Degree in Mechanical/Aeronautical engineering Work experience : Min 1 yr in Aerospace Design area	-	-	134	186	-	320
53	Aerospace Software Testing Engineer	6	Bachelor's Degree in Software Engineering/Electronics & Communication/Embedded systems/ EEE/ ECI / Aerospace engineering branches	-	-	205	275	-	480

Aerospace Manufacturing & Assembly Subsector

Sl. No	Job Role	NSQF Level	Minimum Education Qualification	PMKVY CSCM	PMKVY CSSM	Hours (Theory)	Hours (Practicals)	OJT (Hours)	Total Hours
54	Aerospace Jigs and Fixture Technician	4	I.T.I in Tool & Die Maker (Press Tools, Jigs & Fixtures)	-	-	75	125	-	200
55	Aerospace Tool & Die Technician	4	I.T.I in Mechanical trade	-	-	89	151	-	240
56	Aerospace Foundry Technician	3	I.T.I in Mechanical trade	-	-	104	136	-	240
57	Aerospace Forging Technician	3	I.T.I in Mechanical trade	-	-	89	151	-	240
58	Aerospace Plastics Forming Technician	4	I.T.I in Mechanical trade	-	-	110	130	-	240
59	Aerospace Sheet Metal Technician	3	I.T.I in Fitter/ Sheet Metal worker trade	-	-	79	121	-	200
60	Aerospace Pipe Bending and Fitting Technician	3	I.T.I in Mechanical trade	-	-	96	144	-	240
61	Aerospace Welder	3	Diploma / ITI – Mechanical/ Welding Technology	-	-	72	128	-	200
62	Aerospace Conventional Machinist	4	I.T.I in Mechanical trade	-	-	81	119	-	200
63	Aerospace CNC Machinist	4	8th Class Pass + ITI (2 years) + 2 years relevant experience OR 10th Class Pass + 2 years relevant experience OR 10th Class Pass + ITI (1 years) + 1 year relevant experience OR 10th Class Pass + ITI (2 years) OR 12th Class Pass OR 10th Class Pass + Diploma (3 years) Age - 18 years	-	-	240	360	60	660
64	Aerospace CNC Programmer	4	Diploma in Mechanical Engineering	-	-	61	99	-	160
65	Aerospace Lab Technician - NDT	4	Diploma in Mechanical engineering	-	-	61	99	-	160
66	Aerospace Lab Technician Destructive Testing	4	Diploma in Mechanical engineering	-	-	65	95	-	160
67	Aerospace Finishing Process Technician	3	I.T.I in Mechanical / Painting trades	-	-	94	146	-	240
68	Aerospace Precision Mechanical Assembly Fitter	3	I.T.I in Mechanical trade/ Turner/ Fitter/ Machinist/ Mechanic Machine Tool Maintenance	-	-	61	99	-	160
69	Aerospace Structural Fitter	3	8th Class Pass + ITI (2 years) OR 10th Class Pass Age - 18 years	-	-	270	330	60	660

Aerospace Manufacturing & Assembly Subsector

Sl. No	Job Role	NSQF Level	Minimum Education Qualification	PMKVY CSCM	PMKVY CSSM	Hours (Theory)	Hours (Practicals)	OJT (Hours)	Total Hours
70	Aerospace Composite Technician	4	8th Class Pass + ITI (2 years) + 2 years relevant experience OR 10th Class Pass + 2 years relevant experience OR 10th Class Pass + ITI (1 years) + 1 year relevant experience OR 10th Class Pass + ITI (2 years) OR 12th Class Pass OR 10th Class Pass + Diploma (3 years) OR 2 years relevant experience Plastic Processing Operator/ Mechanical trade, Age - 18 years	-	-	240	360	60	660
71	Aerospace Fuel and Hydraulic Technician	4	I.T.I in Mechanical trade	-	-	97	143	-	240
72	Aerospace Electrician	3	I.T.I in Electrical trade	-	-	94	146	-	240
73	Aerospace Avionics Fitter	4	I.T.I in Electronics /Mechanical/ Consumer Electronics trade	-	-	78	122	-	200
74	Aerospace Flight Control Technician	4	I.T.I in Mechanical trade	-	-	94	146	-	240
75	Aerospace ECS (Environmental Control System) Technician	4	I.T.I in Electrical trade	-	-	89	151	-	240
76	Aerospace Armament Technician	4	I.T.I in Mechanical trade	-	-	93	147	-	240