

Updated List of NSQF Compliant ESDM Courses as on 28th March 2017

Course Code: **AB/C/DE/FGHIN** where

AB: EL/NL/TL (ESSCI/NIELIT/TSSC), **C:** S or M (S-Service, M-Manufacturing), **DE:** Level (e.g. L1/L2/L3...), **FGHI:** Course Number (C001, course no.1...), **N:** NSQF Compliant

S. No	Course Code	NSDC QP_ID	Owner KIA	Course(As per NSDC)	Industry Vertical	NSQF Level	NSQF Duration (in hour)*	Eligibility	Sector
1	EL/S/L4/C003N TL/S/L4/C041N NL/S/L4/C028N	ELE/Q3102	ESSCI	Field Technician - AC	Consumer Electronics	L4	300	10th Pass	Service
2	EL/S/L4/C080N NL/S/L4/C080N TL/S/L4/C080N	ELE/Q3104	ESSCI	Field Technician – Other Home Appliances	Consumer Electronics	L4	360	10th Pass	Service
3	EL/S/L5/C005N TL/S/L5/C042N NL/S/L5/C030N	ELE/Q3105	ESSCI	Field Engineer –RACW	Consumer Electronics	L5	360	12th Pass/ITI	Service
4	EL/M/L4/C017N TL/M/L4/C047N NL/M/L4/C042N	ELE/Q3501	ESSCI	Assembly Operator-RAC	Consumer Electronics	L4	240	10th + ITI or 12th pass	Manufacturing
5	EL/S/L4/C006N TL/S/L4/C043N NL/S/L4/C031N	ELE/Q4601	ESSCI	Field Technician – Computing and Peripherals	IT Hardware	L4	300	12th Pass	Service
6	EL/S/L4/C014N TL/S/L4/C031N NL/S/L4/C039N	ELE/Q4605	ESSCI	CCTV Installation Technician	IT Hardware	L4	360	10th pass	Service
7	EL/S/L4/C009N TL/S/L4/C027N NL/S/L4/C034N	ELE/Q4606	ESSCI	Field Technician – Networking and Storage	IT Hardware	L4	360	Diploma	Service
8	EL/S/L3/C004N TL/S/L3/C024N NL/S/L3/C029N	ELE/Q4609	ESSCI	Installation Technician – Computing and Peripherals	IT Hardware	L3	200	10th Pass	Service
9	EL/M/L4/C012N TL/M/L4/C029N NL/M/L4/C037N	ELE/Q5101	ESSCI	Through Hole Assembly Operator	PCB Assembly	L4	200	10th + ITI or 12th pass	Manufacturing
10	EL/S/L4/C008N TL/S/L4/C026N NL/S/L4/C033N	ELE/Q5102	ESSCI	Pick and Place Assembly Operator	PCB Assembly	L4	300	12th Pass	Service
11	EL/S/L4/C007N TL/S/L4/C025N NL/S/L4/C032N	ELE/Q5901	ESSCI	Solar Panel Installation Technician	Solar Electronics	L4	400	12th Pass	Service
12	EL/S/L4/C001N TL/S/L4/C022N NL/S/L4/C026N	ELE/Q8101	ESSCI	DTH Set Top Box Installation & Service Technician	Communications Electronics	L4	300	8th Pass	Service
13	EL/S/L4/C002N TL/S/L4/C023N NL/S/L4/C027N	ELE/Q8102	ESSCI	DAS Set Top Box Installation & Service Technician	Communications Electronics	L4	300	8th Pass	Service
14	EL/S/L4/C049N NL/S/L4/C073N TL/S/L4/C073N	ELE/Q8104	ESSCI	Mobile Phone Hardware Repair Technician	Consumer Electronics	L4	360	ITI/12th Pass	Service
15	EL/M/L4/C016N TL/M/L4/C046N NL/M/L4/C041N	ELE/Q9201	ESSCI	Mechanical Assembly Operator	LED Lighting	L4	200	10th + ITI, 12th Pass, Other non-Science graduates	Manufacturing
16	EL/M/L4/C013N TL/M/L4/C030N NL/M/L4/C038N	ELE/Q2201	ESSCI	Circuit Imaging Operator	PCB Assembly	L4	200	10th pass	Manufacturing
17	EL/M/L4/C047N NL/M/L4/C071N TL/M/L4/C071N	ELE/Q3901	ESSCI	Smartphone Assembly Technician	Consumer Electronics	L4	240	ITI/ 12th Pass	Manufacturing
18	EL/M/L5/C048N NL/M/L5/C072N TL/M/L5/C072N	ELE/Q4001	ESSCI	Smartphone Assembly Inspector	Consumer Electronics	L5	240	Diploma / Other Graduates	Manufacturing

19	EL/S/L4/C015N TL/S/L4/C045N NL/S/L4/C040N	ELE/Q4608	ESSCI	Access Controls Installation Technician	IT Hardware	L4	300	10th pass	Service
20	EL/S/L4/C019N TL/S/L4/C049N NL/S/L4/C044N	ELE/Q4611	ESSCI	Security System Installation Technician	Electronic Security	L4	240	ITI/ Diploma	Service
21	EL/S/L4/C046N NL/S/L4/C069N TL/S/L4/C070N	ELE/Q4613	ESSCI	Data Networking Cable Technician	Communications Electronics	L4	350	ITI / 12th Pass	Service
22	EL/S/L4/C011N TL/S/L4/C028N NL/S/L4/C036N	ELE/Q7302	ESSCI	Wireman – Control Panel	Industrial Electronics	L4	200	8th Pass	Service
23	NL/S/L4/C003N EL/S/L4/C022N TL/S/L4/C033N		NIELIT	Repair & Maintenance of Power Supply, Inverter & UPS	Consumer Electronics	L4	350	ITI or 12th Pass	Service
24	NL/S/L4/C020N TL/S/L4/C064N EL/S/L4/C057N		NIELIT	CHM - O Level	Office Automation IT networking	L4	400	12th Pass/ITI/Diplom a, graduation or more	Service
25	NL/S/L5/C023N TL/S/L5/C066N EL/S/L5/C058N		NIELIT	CHM - A Level	Office Automation IT networking	L5	470	Diploma	Service
26	NL/S/L4/C007N EL/S/L4/C023N TL/S/L4/C055N		NIELIT	Diploma in Installation & Repair of Consumer Electronics Products	Industrial Electronics	L4	350	10th Pass/ITI	Service
27	NL/S/L3/C006N EL/S/L3/C053N TL/S/L3/C054N		NIELIT	Repair & Maintenance of ECG and ICCU equipments	Medical Electronics	L3	300	10th Pass	Service
28	NL/S/L3/C005N EL/S/L3/C052N TL/S/L3/C053N		NIELIT	Repair and Maintenance of Imaging Equipment (X- Ray & Ultrasound machine)	Medical Electronics	L3	300	10th Pass	Service
29	NL/S/L3/C004N EL/S/L3/C051N TL/S/L3/C052N		NIELIT	Repair & Maintenance of Dental Equipment	Medical Electronics	L3	300	10th Pass	Service
30	NL/S/L3/C002N EL/S/L3/C021N TL/S/L3/C032N		NIELIT	Certificate Course in Electronic Product Testing	Electronic Product Design	L3	360	10th / 12th Pass with Science background	Service
31	NL/S/L3/C010N EL/S/L3/C055N TL/S/L3/C058N		NIELIT	Assembly & Maintenance of Personal Computer	Computer Hardware	L3	240	10th/12th/ITI/P olytechnic/Dipl oma /Graduation	Service
32	NL/M/L4/C022N EL/M/L4/C034N TL/M/ L4/C065N		NIELIT	Solar-LED Lighting Product (Design and Manufacturing)	Solar Electronics	L4	350	10th/ITI/12th	Manufacturing
33	NL/S/L4/C021N TL/S/L4/C038N EL/S/L4/C033N		NIELIT	Installation Repair and Maintenance of Home Appliances	Consumer Electronics (Home Appliances)	L4	350	10th+ITI / 12th Pass , non Science graduates	Service
34	NL/S/L4/C014N TL/S/L4/C035N EL/S/L4/C027N		NIELIT	Telecom Technician- PC Hardware and Networking	Office Automation, IT & networking	L4	350	10th/12th Pass.	Service
35	NL/S/L2/C001N EL/S/L2/C050N TL/S/L2/C051N		NIELIT	Installation & Maintenance of Photocopiers and Printers	Office Automation	L2	200	8th/ITI	Service
36	NL/M/L4/C076N TL/M/L4/C076N EL/M/L4/C076N		NIELIT	ESM - 1 Electronic Production Technician	Industrial Electronics	L4	360	10th /ITI/ 12th year of Schooling	Manufacturing

37	NL/M/L4/C013N EL/M/L4/C026N TL/M/L4/C060N		NIELIT	Certificate in Robotic Programming and Maintenance	Industrial Automation	L4	325	10th/12th pass	Manufacturing
38	NL/M/L4/C012N EL/M/L4/C025N TL/M/L4/C059N		NIELIT	Automation Technology-Basic Level	Industrial Automation	L4	240 (For Technical students) 420 Hours (For Non tech students)	Diploma in Electronics/Instrumentation/Mechanical/Electrical (For Tech) 12th pass with science background and affinity towards technical studies (For Non tech).	Manufacturing
39	NL/M/L5/C078N TL/M/L5/C078N EL/M/L5/C078N		NIELIT	ESD -1 Electronics Product Design Support Engineer	Industrial Electronics	L5	432	Diploma in Electronics/Electrical/Mechanical/BSc. Electronics	Manufacturing
40	NL/M/L5/C077N TL/M/L5/C077N EL/M/L5/C077N		NIELIT	ESM- 2 Electronic Product Supervisor	Industrial Electronics	L5	442	Diploma in Electronics/Electrical/Mechanical	Manufacturing
41	NL/M/L5/C025N EL/M/L5/C072N TL/M/L5/C068N		NIELIT	3 D Scanning and CNC Routing Engineer (Level 5)	Digital Fabrication	L5	400	Diploma holder or B.Sc. Graduate and not less than 18 years of age.	Manufacturing
42	NL/M/L5/C024N EL/M/L5/C044N TL/M/L5/C067N		NIELIT	Additive Manufacturing/3D Printing	Digital Fabrication	L5	400	Diploma holder or B.Sc. Graduate and not less than 18 years of age.	Manufacturing
43	NL/M/L5/C019N EL/M/L5/C032N TL/M/L5/C063N		NIELIT	Automation Technology-Advanced Level	Industrial Automation	L5	515	Diploma in Electronics/Instrumentation/Mechanical/Electrical / Graduates, with science background and affinity towards Technical studies	Manufacturing
44	NL/M/L5/C016N TL/M/L5/C037N EL/M/L5/C029N		NIELIT	Embedded System Design using 8-bit Microcontrollers	Embedded System & VLSI	L5	400	3 Year Diploma in Electronics/Electronics & Communication /Electrical/ Electrical and Electronics/Instrumentation	Manufacturing
45	NL/M/L5/C017N EL/M/L5/C030N TL/M/L5/C061N		NIELIT	Post Diploma in VLSI Design,Tools and Technology	Embedded System & VLSI	L5	400	Diploma Holder, B Sc. Graduate	Manufacturing
46	NL/S/L5/C009N EL/S/L5/C024N		NIELIT	Diploma in Repair & Maintenance of Industrial	Industrial Automation	L5	400	ITI / Diploma / BSc	Service

	TL/S/L5/C057N			Instrumentation & Automation System					
47	NL/S/L5/C008N EL/S/L5/C054N TL/S/L5/C056N		NIELIT	Post Diploma in Repair and Maintenance of Hospital Equipment	Medical Electronics	L5	400	Diploma, B Sc	Service
48	TL/S/L4/C004N EL/S/L4/C035N NL/S/L4/C049N	TEL/Q0102	TSSC	Broadband Technician	Telecom	L4	300	10+2	Service
49	TL/S/L4/C003N NL/S/L4/C048N EL/S/L4/C061N	TEL/Q2201	TSSC	Handset Repair Engineer	Telecom	L4	300	10+2 / ITI(including final year candidates)	Service
50	TL/M/L4/C010N EL/M/L4/C038N NL/M/L4/C055N	TEL/Q2303	TSSC	Telecom Embedded Hardware Developer	Telecom Electronics	L4	350	Diploma (including final year candidate)	Manufacturing
51	TL/S/L4/C002N NL/S/L4/C047N EL/S/L4/C060N	TEL/Q4100	TSSC	Telecom- Tower Technician	Telecom	L4	300	10+2 and/or ITI Diploma in Electrical/ Mechanical including final year candidates	Service
52	TL/S/L5/C006N EL/S/L5/C063N NL/S/L5/C051N	TEL/Q6300	TSSC	Installation Engineer SDH & DWDM	Telecom	L5	300	Diploma(including final year candidate)	Service
53	TL/S/L5/C007N EL/S/L5/C036N NL/S/L5/C052N	TEL/Q6301	TSSC	Installation Engineer Layer two & Layer three	Telecom	L5	300	Diploma(including final year candidate)	Service
54	TL/S/L4/C005N EL/S/L4/C062N NL/S/L4/C050N	TEL/Q6401	TSSC	Optical Fiber Technician	Telecom	L4	300	10+2	Service
55	TL/M/L3/C009N EL/M/L3/C037N NL/M/L3/C054N	TEL/Q2302	TSSC	Telecom Board Bring-Up Engineer	Telecom Electronics	L3	225	10th, Undergoing ITI, Electronic/ Electrical/ Mechanical(including final year candidates)	Manufacturing
56	TL/S/L4/C075N NL/S/L4/C075N EL/S/L4/C075N	TEL/Q4103	TSSC	RF Site Surveyor	Telecom Passive Infrastructure	L4	200	Preferably 10+2	Service
57	TL/S/L4/C014N EL/S/L4/C039N NL/S/L4/C059N	TEL/Q6207	TSSC	Grass Root Telecom Provider (GRTP)	Network Management	L4	200	10th + ITI, 12th pass	Service
58	TL/S/L4/C012N EL/S/L4/C066N NL/S/L4/C057N	TEL/Q6208	TSSC	Telecom Network Security Technician	Telecom Industry Engineer	L4	300	ITI/ Diploma	Service
59	TL/S/L3/C001N NL/S/L3/C046N EL/S/L3/C059N	TEL/Q6400	TSSC	Optical Fiber Splicer	Telecom	L3	300	10th Pass	Service

* The course fee payable for each Level would be restricted to number of hours as prescribed under the Scheme Guidelines as amended from time to time.

List of Non-NSQF ESDM Courses to obtain NSQF Compliance by 30th June 2017

No enrolment is permitted for courses in this list till the NSQF compliance is obtained

Course Code: **AB/C/DE/FGHI** where

AB: EL/NL/TL (ESSCI/NIELIT/TSSC), **C:** S or M (S-Service, M-Manufacturing), **DE:** Level (e.g. L1/L2/L3...), **FGHI:** Course Number (C001, course no.1...)

S. No	Course Code	NSDC QP_ID	Owner KIA	Course(As per NSDC)	Industry Vertical	NSQ F Level	NSQF Duration (in hour)*	Eligibility	Sector
1	EL/S/L1/C010 TL/S/L1/C044 NL/S/L1/C035	N/A	ESSCI	Testing of Emergency Light & Solar Lantern	Photovoltaic Segment (Solar Panel)	L1	200	8th Pass having Knowledge of Basic Science	Service
2	EL/M/L4/C018 TL/M/L4/C048 NL/M/L4/C043	N/A	ESSCI	Certificate Course in LED Light Mechanical Assembly	LED & Photovoltaic	L4	350	12th Pass	Manufacturing
3	EL/S/L4/C020 TL/S/L4/C050 NL/S/L4/C045	N/A	ESSCI	Tech Support	Solar Electronics	L4	350	ITI/ Diploma /Graduates	Service
4	NL/S/L2/C011 TL/S/L2/C034 EL/S/L2/C056	N/A	NIELIT	Installation Repair & Maintenance. Of EPABX System	Telecom Segment	L2	200	9 th Pass	Service
5	NL/M/L4/C015 TL/M/L4/C036 EL/M/L4/C028	N/A	NIELIT	Computer Aided Product Design	Electronic Product Design	L4	360	Polytechnic Diploma/ Graduation/ ITI/12th/ 10th	Manufacturing
6	NL/M/L5/C018 EL/M/L5/C031 TL/M/ L5/C062	N/A	NIELIT	Automation Technology- Intermediate Level	Industrial Automation	L5	Technical Students –400 Hrs; Non-Technical Students –450 Hrs	Diploma in /Electronics/Instrumentation/ Mechanical/Electrical – for Technical students; Non Technical Students: Diploma	Manufacturing
7	TL/M/L2/C008 EL/M/L2/C064 NL/M/L2/C053	N/A	TSSC	Telecom Test Technician	Telecom Electronics	L2	200	a) ITI - Electronics, Electrical, Instrumentation, b) Diploma – Electronics, Electrical, Instrumentation c) Vocational Education Training (Final year candidate pursuing in ITI/Diploma)	Manufacturing
8	TL/S/L2/C011 EL/S/L2/C065 NL/S/L2/C056	N/A	TSSC	Telecom Installation and repair worker	Passive Infra	L2	200	8th	Service
9	TL/M/L4/C013 EL/M/L4/C067 NL/M/L4/C058	N/A	TSSC	Electrical testing of telecom assemblies	Telecom Manufacturing	L4	350	ITI / Diploma (electronics) or Bsc.(Electronics)	Manufacturing
10	TL/M/L4/C015 EL/M/L4/C040	N/A	TSSC	IPC(Institute of Printed Circuits) acceptability	Telecom Manufacturing	L4	350	ITI / Diploma (electronics) or	Manufacturing

	NL/M/L4/C060			criteria of Telecom PCB(Printed Circuit Board) assemblies				Bsc.(Electronics)	
11	TL/M/L4/C016 EL/M/L4/C041 NL/M/L4/C061	N/A	TSSC	SMT(Surface Mount Technology) process for telecom boards	Telecom Manufacturing	L4	350	ITI / Diploma (electronics) or Bsc.(Electronics)	
12	TL/M/L4/C017 EL/M/L4/C042 NL/M/L4/C062	N/A	TSSC	Soldering of telecom board assemblies	Telecom Manufacturing	L4	350	ITI/Diploma (Electronic) or B.Sc (Electronics)	Manufacturing
13	TL/S/L4/C018 EL/S/L4/C068 NL/S/L4/C063	N/A	TSSC	Telecom tower equipment installer and integrator	Passive Infra	L4	350	10+2/ITI	Service
14	TL/S/L4/C019 EL/S/L4/C069 NL/S/L4/C064	N/A	TSSC	Telecom industry network specialist	Network Operation & Maint.	L4	370	ITI/ Diploma	Service
15	TL/S/L4/C020 EL/S/L4/C070 NL/S/L4/C065	N/A	TSSC	Tele-health Technician	Medical Electronics	L4	350	10th +ITI /Diploma (Electronics, Instrumentation, Biomedical)	Service
16	TL/M/L4/C021 EL/M/L4/C043 NL/M/L4/C066	N/A	TSSC	Telecom Quality Technician	Telecom Manufacturing	L4	350	ITI / Diploma (Electrical, electronics, Instrumentation)	Manufacturing
17	TL/M/L5/C039 EL/M/L5/C071 NL/M/L5/C067	N/A	TSSC	Line Repair Technician	Telecom Manufacturing	L5	630	12th Pass + Certified in Line Assembler L4 course.	Manufacturing
18	EL/S/L4/C045 NL/S/L4/C068 TL/S/L4/C069	N/A	ESSCI	Electronic Security System Technician	IT Hardware	L4	350	ITI / 12th Pass	Service
19	TL/M/L4/C040 EL/M/L4/C073 NL/M/L4/C070	N/A	TSSC	Line Assembler	Telecom Manufacturing	L4	630	12th Pass	Manufacturing
20	TL/S/L3/C074 NL/S/L3/C074 EL/S/L3/C074	N/A	TSSC	Telecom Rigger	Telecom Passive Infrastructure	L3	310	10th Passed	Service
21	NL/M/L5/C079 TL/M/L5/C079 EL/M/L5/C079	N/A	NIELIT	Robotics Technology & Entrepreneurship	Industrial Automation	L5	400	- Diploma in Electrical & Electronics Engineering (EEE); Electronics & communication Engineering (ECE); Instrumentation Engineering; Mechatronics Engineering. -B.Sc in Electronics, Computer Science, Maths, Physics, Applied Chemistry	Manufacturing