

Updated List of NSQF Compliant ESDM Courses as on 15th September 2020

Course Code: **AB/C/DE/FGHIN(S)** where

AB: EL/NL/TL/HL (ESSCI/NIELIT/TSSC/HSSC), **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, **NS:** NOS of a QP

S. No	Course Code	NSDC QP_ID	Owner KIA	Course(Eligibility As per NSDC)	Industry Vertical	NSQF Level	NSQF Duration (in hour)*	Sector
1	EL/S/L4/C003N TL/S/L4/C041N NL/S/L4/C028N HL/S/L4/C001N	ELE/Q3102	ESSCI	Field Technician - AC	Consumer Electronics	L4	300	Service
2	EL/S/L4/C080N NL/S/L4/C080N TL/S/L4/C080N HL/S/L4/C002N	ELE/Q3104	ESSCI	Field Technician – Other Home Appliances	Consumer Electronics	L4	360	Service
3	EL/S/L5/C005N TL/S/L5/C042N NL/S/L5/C030N HL/S/L5/C003N	ELE/Q3105	ESSCI	Field Engineer –RACW	Consumer Electronics	L5	360	Service
4	EL/M/L4/C017N TL/M/L4/C047N NL/M/L4/C042N HL/M/L4/C004N	ELE/Q3501	ESSCI	Assembly Operator-RAC	Consumer Electronics	L4	360	Manufacturing
5	EL/S/L4/C006N TL/S/L4/C043N NL/S/L4/C031N HL/S/L4/C005N	ELE/Q4601	ESSCI	Field Technician – Computing and Peripherals	IT Hardware	L4	300	Service
6	EL/S/L4/C014N TL/S/L4/C031N NL/S/L4/C039N HL/S/L4/C006N	ELE/Q4605	ESSCI	CCTV Installation Technician	IT Hardware	L4	360	Service
7	EL/S/L4/C009N TL/S/L4/C027N NL/S/L4/C034N HL/S/L4/C007N	ELE/Q4606	ESSCI	Field Technician – Networking and Storage	IT Hardware	L4	360	Service
8	EL/S/L3/C004N TL/S/L3/C024N NL/S/L3/C029N HL/S/L3/C008N	ELE/Q4609	ESSCI	Installation Technician – Computing and Peripherals	IT Hardware	L3	300	Service
9	EL/M/L4/C012N TL/M/L4/C029N NL/M/L4/C037N HL/M/L4/C009N	ELE/Q5101	ESSCI	Through Hole Assembly Operator	PCB Assembly	L4	200	Manufacturing
10	EL/S/L4/C008N TL/S/L4/C026N NL/S/L4/C033N HL/S/L4/C010N	ELE/Q5102	ESSCI	Pick and Place Assembly Operator	PCB Assembly	L4	300	Service
11	EL/S/L4/C007N TL/S/L4/C025N NL/S/L4/C032N HL/S/L4/C011N	ELE/Q5901	ESSCI	Solar Panel Installation Technician	Solar Electronics	L4	400	Service
12	EL/S/L4/C001N TL/S/L4/C022N NL/S/L4/C026N HL/S/L4/C012N	ELE/Q8101	ESSCI	DTH Set Top Box Installation & Service Technician	Communications Electronics	L4	200	Service
13	EL/S/L4/C002N TL/S/L4/C023N NL/S/L4/C027N HL/S/L4/C013N	ELE/Q8102	ESSCI	DAS Set Top Box Installation & Service Technician	Communications Electronics	L4	300	Service
14	EL/S/L4/C049N NL/S/L4/C073N TL/S/L4/C073N HL/S/L4/C014N	ELE/Q8104	ESSCI	Mobile Phone Hardware Repair Technician	Consumer Electronics	L4	360	Service
15	EL/M/L4/C016N TL/M/L4/C046N NL/M/L4/C041N HL/M/L4/C015N	ELE/Q9201	ESSCI	Mechanical Assembly Operator	LED Lighting	L4	200	Manufacturing

16	EL/M/L4/C013N TL/M/L4/C030N NL/M/L4/C038N HL/M/L4/C016N	ELE/Q2201	ESSCI	Circuit Imaging Operator	PCB Assembly	L4	200	Manufacturing
17	EL/M/L4/C047N NL/M/L4/C071N TL/M/L4/C071N HL/M/L4/C017N	ELE/Q3901	ESSCI	Smartphone Assembly Technician	Consumer Electronics	L4	240	Manufacturing
18	EL/M/L5/C048N NL/M/L5/C072N TL/M/L5/C072N HL/M/L5/C018N	ELE/Q4001	ESSCI	Smartphone Assembly Inspector	Consumer Electronics	L5	240	Manufacturing
19	EL/S/L4/C015N TL/S/L4/C045N NL/S/L4/C040N HL/S/L4/C019N	ELE/Q4608	ESSCI	Access Controls Installation Technician	IT Hardware	L4	300	Service
20	EL/S/L4/C019N TL/S/L4/C049N NL/S/L4/C044N HL/S/L4/C020N	ELE/Q4611	ESSCI	Security System Installation Technician	Electronic Security	L4	240	Service
21	EL/S/L4/C081N NL/S/L4/C081N TL/S/L4/C081N HL/S/L4/C021N	ELE/Q4613	ESSCI	Data Networking Cable Technician	Communications Electronics	L4	350	Service
22	EL/S/L4/C011N TL/S/L4/C028N NL/S/L4/C036N HL/S/L4/C022N	ELE/Q7302	ESSCI	Wireman – Control Panel	Industrial Electronics	L3	200	Service
23	NL/S/L4/C003N EL/S/L4/C022N TL/S/L4/C033N HL/S/L4/C023N		NIELIT	Repair & Maintenance of Power Supply, Inverter & UPS	Consumer Electronics	L4	350	Service
24	NL/S/L4/C020N TL/S/L4/C064N EL/S/L4/C057N HL/S/L4/C024N		NIELIT	Diploma in Computer Hardware Maintenance (CHM - O Level) course	Office Automation IT networking	L4	400	Service
25	NL/S/L5/C023N TL/S/L5/C066N EL/S/L5/C058N HL/S/L5/C025N		NIELIT	Advanced Diploma in Computer Hardware Maintenance and Networking (CHM - A Level) course	Office Automation IT networking	L5	470	Service
26	NL/S/L4/C007N EL/S/L4/C023N TL/S/L4/C055N HL/S/L4/C026N		NIELIT	Diploma in Installation & Repair of Consumer Electronics Products	Industrial Electronics	L4	350	Service
27	NL/S/L3/C006N EL/S/L3/C053N TL/S/L3/C054N HL/S/L3/C027N		NIELIT	Repair & Maintenance of ECG and ICCU equipments	Medical Electronics	L3	300	Service
28	NL/S/L3/C005N EL/S/L3/C052N TL/S/L3/C053N HL/S/L3/C028N		NIELIT	Repair and Maintenance of Imaging Equipment (X-Ray & Ultrasound machine)	Medical Electronics	L3	300	Service
29	NL/S/L3/C004N EL/S/L3/C051N TL/S/L3/C052N HL/S/L3/C029N		NIELIT	Repair & Maintenance of Dental Equipment	Medical Electronics	L3	300	Service
30	NL/S/L3/C002N EL/S/L3/C021N TL/S/L3/C032N HL/S/L3/C030N		NIELIT	Certificate Course in Electronic Product Testing	Electronic Product Design	L3	360	Service
31	NL/S/L3/C010N EL/S/L3/C055N TL/S/L3/C058N HL/S/L3/C031N		NIELIT	Assembly & Maintenance of Personal Computer	Computer Hardware	L3	240	Service
32	NL/M/L4/C022N EL/M/L4/C034N TL/M/ L4/C065N HL/M/L4/C032N		NIELIT	Solar-LED Lighting Product (Design and Manufacturing)	Solar Electronics	L4	350	Manufacturing

33	NL/S/L4/C021N TL/S/L4/C038N EL/S/L4/C033N HL/S/L4/C033N		NIELIT	Installation Repair and Maintenance of Home Appliances	Consumer Electronics (Home Appliances)	L4	350	Service
34	NL/S/L4/C014N TL/S/L4/C035N EL/S/L4/C027N HL/S/L4/C034N		NIELIT	Telecom Technician- PC Hardware and Networking	Office Automation, IT & networking	L4	350	Service
35	NL/S/L2/C001N EL/S/L2/C050N TL/S/L2/C051N HL/S/L2/C035N		NIELIT	Installation & Maintenance of Photocopiers and Printers	Office Automation	L2	200	Service
36	NL/M/L4/C076N TL/M/L4/C076N EL/M/L4/C076N HL/M/L4/C036N		NIELIT	ESM - 1 Electronic Production Technician	Industrial Electronics	L4	360	Manufacturing
37	NL/M/L4/C013N EL/M/L4/C026N TL/M/L4/C060N HL/M/L4/C037N		NIELIT	Certificate in Robotic Programming and Maintenance	Industrial Automation	L4	325	Manufacturing
38	NL/M/L4/C012N EL/M/L4/C025N TL/M/L4/C059N HL/M/L4/C038N		NIELIT	Automation Technology- Basic Level	Industrial Automation	L4	For Diploma students 240 hours and for 12th pass students 420 hours as per detailed Qualification file	Manufacturing
39	NL/M/L5/C078N TL/M/L5/C078N EL/M/L5/C078N HL/M/L5/C039M		NIELIT	ESD –1 Electronics Product Design Support Engineer	Industrial Electronics	L5	432	Manufacturing
40	NL/M/L5/C077N TL/M/L5/C077N EL/M/L5/C077N HL/M/L5/C040N		NIELIT	ESM– 2 Electronic Product Supervisor	Industrial Electronics	L5	442	Manufacturing
41	NL/M/L5/C025N EL/M/L5/C072N TL/M/L5/C068N HL/M/L5/C041N		NIELIT	3 D Scanning and CNC Routing Engineer (Level 5)	Digital Fabrication	L5	400	Manufacturing
42	NL/M/L5/C024N EL/M/L5/C044N TL/M/L5/C067N HL/M/L5/C042N		NIELIT	Additive Manufacturing /3D Printing	Digital Fabrication	L5	400	Manufacturing
43	NL/M/L5/C019N EL/M/L5/C032N TL/M/ L5/C063N HL/M/L5/C043N		NIELIT	Automation Technology- Advanced Level	Industrial Automation	L5	515	Manufacturing
44	NL/M/L5/C016N TL/M/ L5/C037N EL/M/ L5/C029N HL/M/L5/C044N		NIELIT	Embedded System Design using 8-bit Microcontrollers	Embedded System & VLSI	L5	400	Manufacturing
45	NL/M/L5/C017N EL/M /L5/C030N TL/M/ L5/C061N HL/M/L5/C045N		NIELIT	Post Diploma in VLSI Design, Tools and Technology	Embedded System & VLSI	L5	400	Manufacturing
46	NL/S/L5/C009N EL/S/L5/C024N TL/S/L5/C057N HL/S/L5/C046N		NIELIT	Diploma in Repair & Maintenance of Industrial Instrumentation &Automation System	Industrial Automation	L5	400	Service
47	NL/S/L5/C008N EL/S/L5/C054N TL/S/L5/C056N HL/S/L5/C047N		NIELIT	Post Diploma in Repair and Maintenance of Hospital Equipment	Medical Electronics	L5	400	Service
48	TL/S/L4/C004N EL/S/L4/C035N NL/S/L4/C049N HL/S/L4/C048N	TEL/Q0102	TSSC	Broadband Technician	Telecom	L4	300	Service
49	TL/S/L4/C003N NL/S/L4/C048N EL/S/L4/C061N	TEL/Q2201	TSSC	Handset Repair Engineer	Telecom	L4	300	Service

	HL/S/L4/C049N							
50	TL/M/L4/C010N EL/M/L4/C038N NL/M/L4/C055N HL/M/L4/C050N	TEL/Q2303	TSSC	Telecom Embedded Hardware Developer	Telecom Electronics	L4	350	Manufacturing
51	TL/S/L4/C002N NL/S/L4/C047N EL/S/L4/C060N HL/S/L4/C051N	TEL/Q4100	TSSC	Telecom- Tower Technician	Telecom	L4	300	Service
52	TL/S/L5/C006N EL/S/L5/C063N NL/S/L5/C051N HL/S/L5/C052N	TEL/Q6300	TSSC	Installation Engineer SDH & DWDM	Telecom	L5	300	Service
53	TL/S/L5/C007N EL/S/L5/C036N NL/S/L5/C052N HL/S/L5/C053N	TEL/Q6301	TSSC	Installation Engineer Layer two & Layer three	Telecom	L5	300	Service
54	TL/S/L4/C005N EL/S/L4/C062N NL/S/L4/C050N HL/S/L4/C054N	TEL/Q6401	TSSC	Optical Fiber Technician	Telecom	L4	300	Service
55	TL/M/L3/C009N EL/M/L3/C037N NL/M/L3/C054N HL/M/L3/C055N	TEL/Q2302	TSSC	Telecom Board Bring-Up Engineer	Telecom Electronics	L3	250	Manufacturing
56	TL/S/L4/C075N NL/S/L4/C075N EL/S/L4/C075N HL/S/L4/C056N	TEL/Q4103	TSSC	RF Site Surveyor	Telecom Passive Infrastructure	L4	200	Service
57	TL/S/L4/C014N EL/S/L4/C039N NL/S/L4/C059N HL/S/L4/C057N	TEL/Q6207	TSSC	Grass Root Telecom Provider (GRTP)	Network Management	L4	300	Service
58	TL/S/L4/C012N EL/S/L4/C066N NL/S/L4/C057N HL/S/L4/C058N	TEL/Q6208	TSSC	Telecom Network Security Technician	Telecom Industry Engineer	L4	200	Service
59	TL/S/L3/C001N NL/S/L3/C046N EL/S/L3/C059N HL/S/L3/C059N	TEL/Q6400	TSSC	Optical Fiber Splicer	Telecom	L3	300	Service
60	TL/M/L4/C016N EL/M/L4/C041N NL/M/L4/C061N HL/M/L4/C060N	TEL/Q2501	TSSC	Telecom Surface Mount Technology (SMT) Technician	Telecom Manufacturing	L4	300	Manufacturing
61	TL/M/L4/C017N EL/M/L4/C042N NL/M/L4/C062N HL/M/L4/C061N	TEL/Q2500	TSSC	Hand Soldering Technician Telecom Board	Telecom Manufacturing	L4	300	Manufacturing
62	TL/M/L4/C040N EL/M/L4/C073N NL/M/L4/C070N HL/M/L4/C062N	TEL/Q2502	TSSC	Line Assembler – Telecom Products	Telecom Manufacturing	L4	300	Manufacturing
63	EL/S/L4/C046N NL/S/L4/C069N TL/S/L4/C070N HL/S/L4/C063N	ELE/Q8106	ESSCI	Digital Cable TV Technician Access	Communication & Broadcasting	L4	200	Service
63.1	EL/S/L4/C046NS NL/S/L4/C069NS TL/S/L4/C070NS HL/S/L4/C063NS	ELE/N8112	ESSCI	Lay, install and carry out commissioning of multi play network	NOS of QP “ <i>Digital Cable TV Technician Access</i> ”	L4	36	Service
64	HL/S/L3/C064N EL/S/L3/C082N NL/S/L3/C082N TL/S/L3/C082N	HSS/Q5601	HSSC	Medical Equipment Technician (Basic Clinical Equipment)	Medical Electronics	L3	600	Service
65	EL/M/L4/C083N NL/M/L4/C083N TL/M/L4/C083N HL/M/L4/C065N	ELE/Q5315	ESSCI	EMS Technician	Electronics Manufacturing System	L4	400	Manufacturing

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