

**No. MSDE-4/6/2015-SDI/MES  
Government of India  
Ministry of Skill Development and Entrepreneurship  
Directorate General of Training**

New Delhi, dated the 30<sup>th</sup> September, 2015

To

1. The Principal Secretaries of States/UTs dealing with Vocational Training and Implementation of Skill Development Initiative (SDI) Scheme.
2. The Directors/ Commissioners of all States/ UTs dealing with Vocational Training and Implementation of Skill Development Initiative (SDI) Scheme with a request to inform all VTPs under their control.

**Subject: Alignment of MES modules with NSQF Compliant under Skill Development Initiative (SDI) Scheme based on Modular Employable Skills (MES).**

Sir/Madam,

The National Skills Qualification Framework (NSQF), published in the Gazette of Government of India on 27th December, 2013, is a national framework that aims to integrate general and vocational streams of education and training. The main thrust of the NSQF is to focus on competency-based qualifications. The competency-based framework organizes qualifications into ten levels, with the entry level being 1, and the highest level being 10. Each level of the NSQF is described by a statement of learning outcomes in five domains, known as level descriptors. These five domains are (1) Process, (2) Professional knowledge, (3) Professional skill, (4) Core skill, and (5) Responsibility. The paradigm shift from learning focused on inputs to an outcome/competency-based education would help in the Recognition of Prior Learning (RPL), and simultaneously enable the alignment of the Indian qualifications with international ones.

In the above context, it is to inform that under SDI scheme, 60 nos. MES modules have been aligned with NSQF (list enclosed). More than 100 nos. of MES modules in various sectors aligned with NSQF are under process of approval. Further, it is also informed that the remaining MES modules have been planned to align with NSQF compliance in the next three months period.

Yours faithfully,

  
(Dinesh Nijhawan)  
Director (SDI)  
Ph: 011-23708071

Encl: as above

Copy to:

The Ministeries of Rural development, textiles, MSME, Food processing Industries, Heavy Industry, HRD, Social Justice & Empowerment, Minority Affairs, Urban Development & Poverty Alleviation, Tourism, tribal affairs, women & Child Development, Khadi & Village Industries Corporation & Information technology.



**Ministry of Skill Development and Entrepreneurship  
Shram Shakti Bhavan, New Delhi**

**NSQF ALIGNED COURSES (MES):**

Sl. No	Name of Qualification	Trade/ Course	Level	Entry requirements	Notional hours
1.	National Certificate in MES	ELECTRICAL WINDER	Level 2	Passed 8th Class + 14 Years of age	700 hours (600 hrs. + 100* hrs. )
2.	National Certificate in MES	ELECTRICIAN DOMESTIC	Level 2	Passed 8th Class + 14 years of age	700 hours (600 hrs. + 100* hrs. )
3.	National Certificate in MES	ELECTRICIAN INDUSTRIAL	Level 3	Passed 8th Class + 14 years of age	800 hours (700 hrs. + 100* hrs. )
4.	National Certificate in MES	ELECTRICIAN TRANSMISSION LINE	Level 2	Passed 8th Class + 18 Years of age, (physically fit to climb tower, should not be colour blind)	900 hours (800 hrs. + 100* hrs. )
5.	National Certificate in MES	OPERATOR CNC TURNING	Level 3	Passed 10th Class	600 hours (500 hrs. + 100* hrs. )
6.	National Certificate in MES	ARC AND GAS WELDER	Level 3	Passed 8th Class	800 hours (700 hrs. + 100* hrs. )
7.	National Certificate in MES	TIG WELDER	Level 3	8th Std pass + MES Certificate on Arc & Gas Welder	300 Hrs
8.	National Certificate in MES	PIPE WELDER (TIG & MMAW)	Level 3	8th Std pass + MES Certificate on Arc & Gas Welder	300 Hrs
9.	National Certificate in MES	CO <sub>2</sub> Welder	Level 3	8thStd pass + MES Certificate on Arc & Gas Welder	300 Hrs
10.	National Certificate in MES	Welder (Repair & Maintenance)	Level 3	Passed 8th Class	600 hours (500 hrs. + 100* hrs. )
11.	National Certificate in MES	Sheet Metal Worker (Panels, Cabins & Ducts)	Level 3	Passed 8th Class	600 hours (500 hrs. + 100* hrs. )
12.	National Certificate in MES	Operator Conventional Turning	Level 3	Passed 8th Class	600 hours (500 hrs. + 100* hrs. )
13.	National certificate in	OPERATION AND MAINTENANCE OF	Level 3	Passed 8th Class + 14 years of age	300 hours (200hrs +

	MES	CLINICAL EQUIPMENT			100hrs)
14.	National certificate in MES	REPAIR AND MAINTENANCE OF DOMESTIC ELECTRONIC APPLIANCES	Level 3	Passed 8th Class + 14 years of age	520 hours (420 hrs. + 100* hrs)
15	National certificate in MES	OPERATION, INSTALLATION AND MAINTENANCE OF ECG & ICCU INSTRUMENTS	Level 3	Passed 8th Class + 14 years of age	300 hours (200hrs + 100hrs)
16	National certificate in MES	REPAIR AND MAINTENANCE OF OFFICE ELECTRONIC EQUIPMENT	Level 3	Passed 8th Class + 14 years of age	520 hours (420 hrs. + 100* hrs)
17	National certificate in MES	REPAIR AND MAINTENANCE OF PERSONAL ELECTRONIC DEVICES	Level 3	Passed 8th Class + 14 years of age	520 hours (420 hrs. + 100* hrs)
18	National certificate in MES	OPERATION, INSTALLATION AND MAINTENANCE OF PHYSIOTHERAPY EQUIPMENT	Level 3	Passed 8th Class + 14 years of age	300 hours (200hrs + 100hrs)
19	National certificate in MES	OPERATION AND MAINTENANCE OF X-RAY MACHINE & DARKROOM ASSISTANCE	Level 3	Passed 8th Class + 14 years of age	340 hours (240hrs. + 100hrs)
20	National certificate in MES	BASIC AUTOMOTIVE SERVICING OF TWO AND THREE WHEELERS  (Assistant Motor Cycle Mechanic)	Level 2	Min 5th Std. pass, 14 years of Age	600 hours (500 hrs. + 100* hrs)
21	National certificate in MES	BASIC AUTOMOTIVE SERVICING OF FOUR WHEELERS  (Assistant Motor vehicle Mechanic)	Level 2	Min 5th Std. pass, 14 years of Age	600 hours (500 hrs. + 100* hrs)

22	National certificate in MES	DRIVER CUM MECHANIC	Level 2	Minimum 8th Std. pass, 14 years of Age	700 hours (600 hrs. + 100* hrs)
23	National certificate in MES	BICYCLE AND TRICYCLE REPAIR	Level 3	Min 5th Std. pass, 14 years of Age	600 hours (500 hrs. + 100* hrs)
24	National certificate in MES	REPAIR AND OVERHAULING OF 2 WHEELER AND 3 WHEELER	Level 3	Min 5th Std. pass, 14 years of Age + MES Certificate on BASIC AUTOMOTIVE SERVICING OF TWO AND THREE WHEELERS	600 hours
25	National certificate in MES	REPAIR AND OVERHAULING OF CHASSIS SYSTEM (LMV & HMV)	Level 3	Min 5th Std. pass, 14 years of Age + MES certificate on BASIC AUTOMOTIVE SERVICING OF FOUR WHEELERS + driving experience with valid driving Licence/ MES certificate on DRIVER CUM MECHANIC	600 hours
26	National certificate in MES	REPAIR AND OVERHAULING OF ENGINE SYSTEM (PETROL & DIESEL)	Level 3	Min 5th Std. pass, 14 years of Age + MES certificate on BASIC AUTOMOTIVE SERVICING OF FOUR WHEELERS + driving experience with valid driving Licence/ MES certificate on DRIVER CUM MECHANIC	600 hours
27	National certificate in MES	REPAIR OF AUTO-ELECTRICAL, ELECTRONICS & AIR-CONDITIONING SYSTEM	Level 3	Min 8th Std. pass, 14 years of Age + MES certificate on BASIC AUTOMOTIVE SERVICING OF FOUR WHEELERS + driving experience with valid driving Licence/ MES certificate on DRIVER CUM MECHANIC	600 hours
28	National certificate in	AUTO BODY REPAIR,	Level 3	Min 5th Std. pass, 14 years of Age + MES	600 hours

	MES	DENTING & PAINTING		certificate on BASIC AUTOMOTIVE SERVICING OF FOUR WHEELERS + driving experience with valid driving Licence/ MES certificate on DRIVER CUM MECHANIC	
29	National certificate in MES	BASIC CAR SERVICING	Level 3	Passed 10th Class + 18 Years of age	1100 hours (1000 hrs. + 100* hrs)
30	National certificate in MES	AUTOMOTIVE SERVICE AND REPAIR ADVANCE LEVEL-1	Level 3	Passed 10th Class + 18 Years of age + MES Certificate on BASIC CAR SERVICING	1000 hours
31	National certificate in MES	AUTOMOTIVE SERVICE AND REPAIR ADVANCE LEVEL-2	Level 3	Passed 10th Class + 18 Years of age + MES Certificate on BASIC CAR SERVICING	1000 hours
32	National certificate in MES	AUTOMOTIVE SERVICE AND REPAIR ADVANCE LEVEL-3	Level 3	Passed 10th Class + 18 Years of age + MES Certificate on BASIC CAR SERVICING	1000 hours
33	National certificate in MES	BEAD WORK FOR GARMENT	Level 2	Min 5th Std. pass, 14 years of Age	620 hours (520 hrs. + 100* hrs)
34	National certificate in MES	ORNAMENTALIST – HAND WORK SPECIALIST PATCH WORK	Level 2	Min 5th Std. pass, 14 years of Age	620 hours (520 hrs. + 100* hrs)
35	National certificate in MES	ZARDOZI WORK	Level 2	Min 5th Std. pass, 14 years of Age	780 hours (680 hrs. + 100* hrs)
36	National certificate in MES	OPERATOR CONVENTIONAL MILLING	Level 3	Passed 8th Class + 14 years of age	700 hours (600 hrs. + 100* hrs)
37	National certificate in MES	OPERATOR CNC MILLING	Level 3	Passed 10th Class + 14 years of age	600 hours (500 hrs. + 100* hrs)

38	National certificate in MES	FOOD BEVERAGES TECHNIQUES	Level 3	Passed 10th Class + 16 years of age	650 hours (550 hrs. + 100* hrs)
39	National certificate in MES	FOOD INDUSTRY BY-PRODUCTS AND WASTE UTILISATION	Level 3	Passed 10th Class + 16 years of age	600 hours (500 hrs. + 100* hrs)
40	National certificate in MES	FOOD PACKAGING AND LABELLING	Level 3	Passed 10th Class + 16 years of age	500 hours (400 hrs. + 100* hrs)
41	National certificate in MES	MANUFACTURING OF EXTRUDED PRODUCTS	Level 3	Passed 10th Class + 16 years of age	550 hours (450 hrs. + 100* hrs)
42	National certificate in MES	MEAT AND MEAT PRODUCTS	Level 3	Passed 10th Class + 16 years of age	600 hours (500 hrs. + 100* hrs)
43	National certificate in MES	MICROBIAL ANALYSIS AND FOOD SAFETY	Level 3	Passed 10th Class/NTC/NAC in any trade of food processing sector/ hospitality sector and 16 years of age	500 hours (400 hrs. + 100* hrs)
44	National certificate in MES	OIL SEEDS PROCESSING AND BY-PRODUCTS UTILISATION	Level 3	Passed 10th Class + 16 years of age	650 hours (550 hrs. + 100* hrs)
45	National certificate in MES	OPERATION AND MANAGEMENT OF COLD STORAGE	Level 3	Passed 10th Class + 16 years of age	500 hours (400 hrs. + 100* hrs)
46	National certificate in MES	PROCESSING AND VALUE ADDITION OF PLANTATION CROPS	Level 3	Passed 10th Class + 16 years of age	500 hours (400 hrs. + 100* hrs)
47	National certificate in MES	PULSE PROCESSING AND VALUE ADDITION	Level 3	Passed 12th Class + 18 years of age	650 hours (550 hrs. + 100* hrs)
48	National certificate in MES	READY TO EAT (RTE), READY TO COOK (RCE) AND READY TO SERVE (RTS) FOOD PRODUCTS	Level 3	Passed 12th Class + 17 years of age	500 hours (400 hrs. + 100* hrs)
49	National certificate in	RICE MILLING	Level 3	Passed 8th Class + 14 years of age	500 hours (400 hrs. + 100*

	MES				hrs)
50	National certificate in MES	FOOD SENSORY ASSESSMENT TECHNIQUES	Level 3	Passed 12th Class + 17 years of age	500 hours (400 hrs. + 100* hrs)
51	National certificate in MES	WHEAT MILLING	Level 3	Passed 10th Class + 14 years of age	650 hours (550 hrs. + 100* hrs)
52	National certificate in MES	BEAUTY THERAPY AND HAIR STYLING LEVEL - 1	Level 2	Passed 10th Class + 14 years of age	600 hours (500 hrs. + 100* hrs)
53	National certificate in MES	BEAUTY THERAPY AND HAIR STYLING LEVEL - 2	Level 3	Passed 10th Class + 14 years of age	600 hours (500 hrs. + 100* hrs)
54	National certificate in MES	INTEGRATED COURSE IN HAIR, SKIN AND MAKE- UP	Level 2	Passed 8th Class + 14 years of age	750 hours (650 hrs. + 100* hrs)
55	National certificate in MES	NAIL TECHNOLOGY	Level 3	Passed 10th Class + 14 years of age	340 hours (240 hrs. + 100* hrs)
56	National certificate in MES	BRIDAL MAKE-UP ARTIST	Level 2	Passed 8th Class + 14 years of age	400 hours (300 hrs. + 100* hrs)
57	National certificate in MES	BEAUTY ADVISOR	Level 2	Passed 10th Class + 14 years of age	320 hours (220 hrs. + 100* hrs)
58	National certificate in MES	ORNAMENTALIST – HAND WORK SPECIALIST APPLIQUE	Level 2	Min 5th Std. pass, 14 years of Age	620 hours (520 hrs. + 100* hrs)
59	National certificate in MES	HAND EMBROIDER	Level 2	Min 5th Std. pass, 14 years of Age	620 hours (520 hrs. + 100* hrs)
60	National certificate in MES	TRADITIONAL EMBROIDERY	Level 3	Min 8th Std. pass, 14 years of Age	1140 hours (1040 hrs. + 100* hrs)

\*Soft and Entrepreneurship Skills