

12th Meeting of the National Skills Qualifications Committee (NSQC)

Date: 21.07.2016 Time: (2:30 pm-4:30 pm)

Venue: NSDA, Kaushal Bhawan, B-2, Pusa Road, New Delhi - 110005

The 12th meeting of the National Skills Qualifications Committee (NSQC) was held on 21.07.2016 in New Delhi. Mr. S. Ramadorai, Chairman, NSDA chaired the meeting.

The list of participants is at **Annexure I**.

The presentations made at the meeting are available on the NSDA website (www.nsd.gov.in)

Agenda Item No. 1: Approval of Minutes of the 11th Meeting of NSQC

There were no further comments on the minutes of the 11th NSQC meeting and the same were treated as approved. The action taken report on all the agenda items is enclosed.

Agenda Item No. 2: NSDA's update on NSQF related activities

2.1 National Quality Assurance Framework (NQAF)

DG, NSDA informed the NSQC that under the Quality Assurance Framework, the first manual, i.e. the Overview Manual was approved by the 10th NSQC. The three manuals namely registration of NSQF qualifications, accreditation of training/education institutions and accreditation of assessment bodies were tabled before NSQC for approval. A brief presentation was made by consultant, NSDA on all the three manuals. The three manuals were approved by the NSQC. Further, DG, NSDA mentioned that the drafts of all the remaining 4 Manuals have been completed and the same would be tabled before NSQC by September 2016. **(Action: NSDA)**

2.2 NSQF Roll Out and Capacity Building of States and Ministries

DG, NSDA informed the Committee about the various skill development initiatives undertaken by NSDA in the states and with the central ministries. The Committee noted the same.

2.3 Recognition of Prior Learning (RPL)

DG, NSDA informed that NSDA has submitted the draft RPL Policy to MSDE. The Committee noted the same.

2.4 Consultations held with industry representatives on the industrial validation process of the qualification files.

DG, NSDA stated that consultations with industry representatives across seven sectors for vetting the industrial validation process of Sector Skill Councils (as an action w.r.t Minutes

under Agenda Item 2.3.1 of Minutes of 9th NSQC) have been conducted by NSDA. DG, NSDA mentioned that it was revealed through the above consultations that;

- a. There was limited industry consultations while developing qualifications
- b. Assessments should be undertaken by industry experts instead of consultants not having industry expertise

It was agreed that NSDA would be undertaking a study on industry linkages to analyze the status of NSQC approved qualifications till date. COO, NSDC suggested that SSCs could assist NSDA in conducting consultations with industry representatives on industrial validation process. In this regard, the Chairman, NSDA emphasized that feedback of third party validation needs to be taken positively for bringing overall improvement in the system. **(Action: NSDA)**

2.5 Proposal for setting up of three new SSCs

DG, NSDA informed that with regard to the issue on recommendations given by NSQC for setting up of three newly formed SSCs namely Chemicals and Petrochemicals SSCs, Green Jobs SSCs and Paints and Coatings SSCs, the specific conditions which was to be fulfilled by the respective SSCs have been addressed. However, regarding the fulfillment of general condition, NSDC updated that they have submitted the funding matrix of each SSC. NSDC was asked to submit a decision support matrix justifying need for formation of SSC with clear recommendations for each SSC and the same is still awaited. **(Action: NSDC)**

2.6 Development of Qualifications Register

DG, NSDA informed NSQC that a National Qualifications Register which is the repository of all approved qualifications with their corresponding NSQF levels has been developed by NSDA. The register comprises of 1520 NSQC approved qualifications, which is online for public viewing at www.nqr.gov.in. The Committee noted the same.

Agenda Item No. 3: Consideration of Qualification Files (QFs) for approval

3.1 A total of 124 Q Files were tabled before NSQC for approval, out of which 33 QFs were submitted by three SSCs and 91 QFs were submitted by four ministries which were approved by the NSQC. **Details of these Qualifications are at Annexure II.** The sector wise list of QFs approved by NSQC is as under;

S. No.	SSC	No. Of QFs
1	Construction	29
2	Health care	1
3	Green Jobs	3
Total		33

The ministry wise list of QFs approved by NSQC is as under;

S. No.	Ministry	No. Of QFs
1	Ministry of Textiles	45
2	Ministry of IT and Communication, NIELIT	3
3	Ministry of Medium, Small and Micro enterprise	7
4	Central Institute of Plastic & Engineering Technology (CIPET), Department of Chemical and Petrochemical, Ministry of Chemical and Fertilizer	36
Total		91

3.2 In this regard, NSDC observed that some of the job roles are common across qualifications tabled by SSCs and ministries. It was requested by them that if ministries have done any comparison then the same may be shared with NSDC. Alternatively, NSDC could undertake comparison with the ministry approved qualifications. **(Action: NSDC)**

3.3 In case of some of the unique qualifications being presented by ministries, COO, NSDC also added that NSDC would like to embrace some of the unique qualifications developed by the various ministries. In particular Ministry of MSME (such as Fragrance and flavours, ball making) for PMKVY trainings could be useful. **(Action: NSDC)**

Agenda Item No. 4: Any other matter with the approval of the Chair

DG, NSDA informed NSQC that in order to seek NSQC approval some of the key criteria have to be followed by all the submitting bodies as given under;

- a. Submitting bodies have to submit the course content for every Qualification for seeking NSQC approval.
- b. With regard to qualifications approved in 12th NSQC, SSCs need to submit the course content within next three months.
- c. Similarly, SSCs need to submit the course content for all the previously approved qualifications within this financial year.
- d. NSDC need to share the status report on the actively utilized NSQC approved qualifications. The course content for such qualifications needs to be submitted by December 2016.

In his closing remarks, Chairman, NSDA made certain observations pertaining to the NSQC approval which is as given below;

- a. Convergence of efforts is the ultimate goal. The focus should be on employment generation no matter which body is submitting the qualifications.

- b. Employers involvement in the development of qualifications is important and to ensure the same, NSDA would be conducting verifications and consultations with industry representatives.
- c. In order to address the scale of problem, all the stakeholders should work in collaboration and collective learning is very crucial.
- d. We need to learn from French example where ultimate measure of the qualifications is done by actual deployment on ground.

Meeting ended with vote of thanks by the Chair.

**List of Participants of the 12th NSQC Meeting
21.07.2016 at 2:30 PM**

National Skill Development Agency (NSDA), B-2 Pusa Road, New Delhi

1. Shri S. Ramadorai, Chairman, NSDA
2. Ms Sunita Chhibba, IES, Senior Adviser, MSDE & DG, NSDA
3. Mr Jayant Krishna, ED & COO, NSDC
4. Shri Anant Prakash Pandey, PS to the Chairman, NSDA
5. Ms Anu Garg, Joint Secretary, IT, MoTextiles
6. Mr Avinash Joshi, Joint Secretary, DCPC MoCF, GOI
7. Mr Amrit Pal Singh, DDT, DGT, MSDE
8. Ms Sashi Kiran, Senior Consultant, National Skill Development Corporation
9. Dr.P.Saxena CEO, Skill Council for Green Jobs
10. Mr Prawin Kr.Toppo, MD, JSDMS, Jharkhand
11. Ms Gauri Kalra, Consultant MHRD
12. Ms Jancy Mathew, Head – Standards, CSDCI
13. Col. Ashwani Kumar Joshi, CEO, CSDCI
14. Mr M. Sangtam, Nagaland
15. Dr.Biswajit Saha, Addl. Director, CBSE
16. Mr R.K Rai, Director, Ministry of MSME
17. Mr H.D Kapse, M.D, MSME-TC, IGTR, Aurangabad
18. Mr S.I Langovan, Director, CIPET
19. Mr J.Bosco, Sr.Technical Officer, CIPET
20. Mr P.S Singh, Head-Chemical & Petrochemical, FICCI
21. Mr D D Maheshwari, Chemical & Petrochemical SSC
22. Ms Rinky Sharma, RA, FICCI
23. Dr. R.S Rathore, Director, AICTE
24. Mr Rajneesh K. Asthana, Dy. Director, NIELIT
25. Dr. Sanjeev Kumar, Supt, Additional Director(Technical), NIELIT, MoCIT
26. Mr Shoukalk Cherukat, Scientist Engineer, NIELIT Calicut
27. Dr.Manish Arora, Joint Director, NIELIT Chandigarh
28. Mr.Vijay M, Banker, Sr.Engineer (Trg.)MSME IGTR, Aurangabad
29. Dr.Bhakti Vijay Shukla, Assistant Director, MSME FFDC, Kannauj
30. Mr S.V Shukla, Fragrance & Flavour Dev.Centre, o/o DC, MSME
31. Mr Charanjeet Singh, Asst. Director, o/o DC, MSME
32. Mr Sunil M.Sanap, MSME-TC, Mumbai
33. Mr Shripankh S.Patil, Sr.Animation officer, MSME-TC, Mumbai
34. Mr V.P Singh Asstt. Manager(Trg.)MSME-TDC, Meerut
35. Mr Sunil Gupta, Principal Director, MSME-TDC, Meerut
36. Mr H.V Samvatsar, MSDE/CSTAR Kolkata
37. Mr Nirmalya Nath, Asstt. Director, MSDE/DGT/ CSTAR Kolkata
38. Mr L.V Mukherjee, Deputy Director, MSDE
39. Dr.Megha Aggarwal, Sr.Manager, HSSC
40. Mr.Ashish Jain, CEO, HSSC
41. Mr A.P Singh, Dy, Director, DGT, MSDE

Annexure II

List of SSCs Qualifications approved at the 12th NSQC Meeting

Sl. No.	Qualification	QP Code	NSQF level
1. Healthcare			
1.1	X-Ray Technician	HSS/Q 0202	3
2. Construction			
2.1	Helper Mason	CON/Q0101	1
2.2	Assistant Mason	CON/Q0102	2
2.3	Helper Bar Bender & Steel Fixer	CON/Q0201	1
2.4	Assistant Bar Bender & Steel Fixer	CON/Q0202	2
2.5	Helper Shuttering Carpenter	CON/Q0301	1
2.6	Assistant Shuttering Carpenter	CON/Q0302	2
2.7	Assistant Scaffolder System	CON/Q0314	2
2.8	Helper Construction Painter	CON/Q0501	1
2.9	Assistant Construction Painter & Decorator	CON/Q0502	2
2.10	Helper Electrician	CON/Q0601	2
2.11	Helper-Laboratory and field Technician	CON/Q0401	2
2.12	Construction Laboratory and field Technician	CON/Q0402	4
2.13	Khalasi (Assistant Rigger)	CON/Q0701	2
2.14	Rigger - Structural Erection	CON/Q0702	3
2.15	Rigger - Precast Erection	CON/Q0703	3
2.16	Helper Fabrication	CON/Q1201	1
2.17	Assistant Construction Fitter	CON/Q1202	2
2.18	Grinder- Construction	CON/Q1203	2
2.19	Tack Welder	CON/Q1251	3
2.20	Assistant Surveyor	CON/Q0901	2
2.21	Assistant Pavement Layer	CON/Q1001	2
2.22	Pavement Layer	CON/Q1002	4
2.23	Helper Interior Finishes	CON/Q1101	1
2.24	Helper Façade Installer	CON/Q1102	1
2.25	Assistant False Ceiling and Drywall Installer	CON/Q1103	2
2.26	Assistant Façade Installer	CON/Q1104	2
2.27	Doors / Windows Fixer	CON/Q1105	3
2.28	EHS Steward	CON/Q1401	4
2.29	Store Assistant (Construction)	CON/Q1501	2
3. Green Jobs			
3.1	Solar PV Installer - Electrical	SGJ/Q0102	4
3.2	Solar PV Installer - Civil	SGJ/Q0103	4
3.3	Solar PV Installer (Suryamitra)	SGJ/Q0101	4

List of Ministries' Qualifications approved at the 12th NSQC Meeting

Sl. No.	Qualification	Code	NSQF level
1. Ministry of Micro, Small and Medium Enterprises			
1.1	Aroma Process Assistant	MSME/APA/03	4
1.2	Certificate Course in Cricket Ball Manufacturing	MSME /CBM/ 04	4
1.3	Certificate Course in 3D Animation & Special Effects	MSME/ANI/05	4
1.4	Advanced Diploma in CNC Programming Techniques and Practices	MSME/ADCNC/06	6
1.5	Certificate Course in Advance Machining	MSME/CCAM/07	5
1.6	Post Graduate Diploma in Tool Design & CAD CAM	MSME/PGDTD&CC/01	8
1.7	Post Graduate Diploma in Mechatronics	MSME/PGDIM/02	8
2. NIELIT			
2.1	P G Diploma in Embedded System Design	-	6
2.2	Advanced Diploma - PLC/SCADA/DCS Engineer	-	5
2.3	Certified Data Scientist	-	6
3. Ministry of Textiles			
3.1	Powerloom Weaver	TC WVG 01	2
3.2	Waterjet Loom Weaver	TC WVG 02	2
3.3	Rapier Loom Weaver	TC WVG 03	2
3.4	Airjet Loom Weaver	TC WVG 04	2
3.5	Projectile Loom Weaver	TC WVG 05	2
3.6	Warping Machine Operator	TC WVG 06	2
3.7	Sectional Warping Machine Operator	TC WVG 07	2
3.8	Sizing Machine Operator	TC WVG 08	2
3.9	Size Mixer Machine Operator	TC WVG 09	2
3.10	Blowroom, Carding and Drawframe Operator	TC SPG 01	2
3.11	Drawframe, Lap Former and Comber Operator	TC SPG 02	2
3.12	Speedframe Machine Operator cum Doffer	TC SPG 03	2
3.13	Ring Frame Tenter	TC SPG 04	2
3.14	Ringframe Doffer	TC SPG 05	2
3.15	Open End Spinning Machine Operator	TC SPG 06	2
3.16	Auto Coner Machine Operator	TC SPG 07	2
3.17	Yarn Packer	TC SPG 08	2
3.18	Cone Winding Machine operator	TC SPG 09	2
3.19	Propeller Winding Machine Operator	TC SPG 10	2
3.20	TFO Machine Operator	TC SPG 11	2
3.21	Circular Knitting Machine Operator	TC KNT 01	2
3.21	Warp Knitting Machine Operator	TC KNT 02	2
3.22	HTHP Cheese Dyeing Machine Operator	TC PRC 01	2
3.23	Fabric Singeing machine Operator	TC PRC 02	2
3.24	Desizing Machine Operator	TC PRC 03	2
3.25	Continuous Bleaching Range (Fabric Bleaching) Machine Operator	TC PRC 04	2

3.26	Fabric Mercerizing Machine Operator	TC PRC 05	2
3.27	Jigger Machine Operator	TC PRC 06	2
3.28	Stenter Machine Operator	TC PRC 07	2
3.29	Calendering Machine Operator	TC PRC 08	2
3.30	Zero Zero Finishing Machine Operator	TC PRC 09	2
3.31	Winch Dyeing Machine Operator	TC PRC 10	2
3.32	Soft Flow Dyeing Machine Operator	TC PRC 11	2
3.33	Compacting Machine Operator	TC PRC 12	2
3.34	Embroidery Machine Operator	TC GMT 01	2
3.35	Fuser and Ironer	TC GMT 02	2
3.36	Computer Embroidery Machine Operator	TC GMT 03	3
3.37	Garment Checker	TC GMT 04	2
3.38	CAD Operator	TC GMT 05	3
3.39	Sewing Machine Operator	TC GMT 06	2
3.40	Pattern Maker	TC GMT 07	2
3.41	Fabric Checker	TC GMT 08	2
3.42	Fabric Cutter	TC GMT 09	2
3.43	Over Lock and Flat Lock Machine Operator	TC GMT 10	2
3.44	Sewing Machine Mechanic	TC GMT 11	3
4. CIPET			
4.1	Plastics Processing – Helper	CPC/Q 0101	1
4.2	Plastics Processing – Assistant	CPC/Q 0102	2
4.3	Machine Operator Assistant – Plastics Processing	CPC/Q 0103	3
4.4	Machine Operator – Plastics Processing	CPC/Q 0104	4
4.5	Machine Operator Assistant– Injection Moulding	CPC/Q 0203	3
4.6	Machine Operator – Injection Moulding	CPC/Q 0204	4
4.7	Machine Operator Assistant – Blow Moulding	CPC/Q 0403	3
4.8	Machine Operator – Blow Moulding	CPC/Q 0404	4
4.9	Machine Operator Assistant – Plastics Sacks	CPC/Q 1103	3
4.10	Machine Operator – Plastics Sacks	CPC/Q 1104	4
4.11	Machine Operator Assistant – Plastics Extrusion	CPC/Q 0303	3
4.12	Machine Operator – Plastics Extrusion	CPC/Q 0304	4
4.13	Machine Operator Assistant – Plastics Recycling	CPC/Q 2903	3
4.14	Machine Operator – Plastics Recycling	CPC/Q 2904	4
4.15	FRP– Helper	CPC/Q 1001	1
4.16	FRP – Assistant	CPC/Q 1002	2
4.17	FRP – Operator	CPC/Q 1004	4
4.18	Tool Room – Helper	CPC/Q 5101	1
4.19	Tool Room – Assistant	CPC/Q 5102	2
4.20	Machine Operator – Tool Room	CPC/Q 5104	4
4.21	Machine Operator – CNC Lathe	CPC/Q 7003	3
4.22	Machine Operator & Programmer – CNC Lathe	CPC/Q 7004	4
4.23	Machine Operator – CNC Milling	CPC/Q 7103	3
4.24	Machine Operator & Programmer – CNC Milling	CPC/Q 7104	4

4.25	Plastics Mould Manufacturing Assistant	CPC/Q 5703	3
4.26	Plastics Mould Manufacturer – Level 4	CPC/Q 5704	4
4.27	Advanced Plastics Mould Manufacturing Assistant	CPC/Q 5803	3
4.28	Advanced Plastics Mould Manufacturing Assistant	CPC/Q 5803	3
4.29	Maintenance of Machinery – Helper	CPC/Q 3001	1
4.30	Maintenance of Machinery – Assistant	CPC/Q 3002	2
4.31	Maintenance of Machinery – Technician	CPC/Q 3004	4
4.32	Plastics Product & Mould Designer – Level 3	CPC/Q 3103	3
4.33	Plastics Product & Mould Designer – Level 4	CPC/Q 3104	4
4.34	Testing & QC for Plastics Materials & Products – Assistant	CPC/Q 8102	2
4.35	Testing & QC for Plastics Materials & Products – Technician	CPC/Q 8103	3
4.36	Testing & QC for Plastics Materials & Products – Supervisor	CPC/Q 8104	4