

5th Meeting of the National Skills Qualifications Committee (NSQC)

Date: 22nd April 2015 Time: (2.30 pm-4.30 pm)

**Venue: NSDA Office, Kaushal Bhawan, B-2, Pusa Road, Metro Pillar No 95,
New Delhi - 110005**

The fifth meeting of the National Skills Qualifications Committee (NSQC) was held on 22nd April 2015 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.

Agenda Item No. 1: Approval of Minutes of the 4th Meeting of NSQC

There were no further comments on the minutes of the 4th NSQC Meeting and the same were treated as approved with the modification proposed in the Agenda.

Agenda Item No. 2: Action Taken Report

DG, NSDA provided an update on the action taken on decisions of the 4th NSQC Meeting held on 26th March 2015.

The Committee was informed that as decided in the previous NSQC Meeting, the QPs at Sl. Nos 5 and 6, as submitted by the Capital Goods Skill Council (namely: MIG/MAG GMAW Welder and CNC Setter cum Operator VMC) were reviewed and approved. The rationale for doing the same was explained to the Committee.

Agenda Item No. 3: NSDA's update on NSQF related activities

DG, NSDA provided a summary of activities undertaken by the NSDA towards implementation of the NSQF that included the following:

3.1 Capacity Building Training Programme by EU Experts

It was informed that the next session of the training programme would be held on 23rd-24th April 2015 on the following two modules: Quality assurance of the qualifications in a framework and Quality assurance for Trainers, at the NSDA office. The DG, NSDA emphasised on the need for a better participation from all nominated officials and requested all stakeholders including concerned Ministries and SSCs to depute their representatives to participate in the training programme. The understanding of the framework is critical at this point of time and the opportunity of learning from international experiences would help in the implementation of the

framework efficiently. NSDA will also be sending reminders to stakeholders for better participation.

3.2 Meeting with NIOS

The Committee was informed that NIOS has agreed to align its qualifications to the NSQF by initiating the process of populating the Qualifications Register.

It was also informed that as discussed in the previous NSQC meeting regarding inclusion of NIOS in the list of certification bodies having been deemed approved by the NSQC, a formal letter was sent by NIOS to the Ministry requesting for the same. The Committee approved this and it was decided that the Ministry would take necessary steps to notify the same.

Agenda Item No. 4: Approval of Qualification Files for NCVT/SDIS courses

DDGT presented 12 Qualifications under MES courses under SDIS for approval by the NSQC and they are enclosed as **Annexure II**.

The Committee approved these qualifications subject to the following actions points:

- a. The qualifications related to Electrical sector could not be aligned to the NOS/QPs of the sector as there is no Sector Skill Council (SSC) for this sector. However, it was recommended that these qualifications would be eventually aligned once the relevant SSC becomes operational. It was noted that synergy with NOSs and QPs would happen gradually as these courses have been running before the formation of NOSs and QPs. Convergence may happen when these courses are reviewed.
- b. It was recommended that a clear justification be provided before the Committee for the qualifications that accept candidates aged 14 years as entry-level requirements. Corrective measures may be taken in this regard, if necessary.
- c. It was suggested that a record of total trainees enrolled and placement history of these candidates be provided to the NSDA on an annual basis so that the relevance of these qualifications can be understood.

Agenda Item No. 5: Approval of QPs for Capital Goods Sector Skill Council

The Capital Goods SSC has submitted the Qualifications File for 8 Qualification Packs for approval by the NSQC and they are listed as **Annexure III**.

The Committee approved these QPs subject to the following actions points:

- a. Minimum age requirement to be specified for each of these QPs. Since the existing Qualification File does not require age to be specified, it was suggested that the age be inserted (in brackets) along with the entry requirement.
- b. International Comparability of these QPs with the Australian Framework should be specified.
- c. The evidence of the Level 5 Practicing Welder, if it actually exists in the economy and in what number, to be provided in order to justify its existence as a QP at Level 5.

In addition to above, the following was also decided for general implementation by all concerned stakeholders

- a. It was pointed out that industry partners who validate the QPs must also ensure that they also employ the candidates trained against these QPs at the same level. Each of these QPs should be tracked for training and employment/entrepreneurship record. This is to be followed by all entities that submit their qualifications and annual data should be submitted to NSDA.
- b. Gender disaggregated data to be used in order to test the suitability of QPs/Qualifications, particularly for women.
- c. Discussions need to be held with bodies such as AICTE, UGC etc. to understand how SSCs could equate the levels assigned by them with that of general education.

Agenda Item No. 6: Accreditation norms for training providers as per NSQF

The Committee authorized the Chairman to form a committee to review the accreditation norms developed by the SSCs and other bodies and develop a common model of accreditation norms to be adopted across sectors as national standard of accrediting training providers. The Committee may comprise of members from the NSDA, NSDC, SSCs and other bodies, if necessary.

In this regard, all functional SSCs and NCVT were requested to submit their accreditation norms of empanelling training providers by end of April, 2015 to NSDA.

Agenda Item No. 7: Consolidated guidelines on RPL to be approved by NSQC

Chairman NSDA was authorized to constitute a Committee be formed to evaluate and finalise the RPL guidelines developed by the NSDA so that all RPL exercises in the country are conducted in a uniform manner. The Committee may comprise of members from the NSDA, NSDC, DGET, SSCs and other bodies if necessary. During the discussions, it was also suggested that a database of people certified under RPL should be maintained.

Agenda Item No. 8: Discussion on Process of Curriculum Development and Involvement of Subject Matter Experts

To ensure that the curriculum according to which training is being imparted is relevant to industry needs, it was requested that information on experts who have designed and vetted the curriculum being adopted by the various certification bodies/SSCs be submitted to the NSDA.

NSDC was requested to select 5-6 SSCs that would submit the process of curriculum development and involvement of subject matter experts alongwith their list to the NSDA. NCVT should also submit its process and list of subject matter specialist to NSDA.

Additional Agenda Items

Item No. 1: Development of a revised Qualification File to be used for populating the Qualifications Register

The Qualification File has been reviewed in order to make it more concise in such a way that critical information is captured without duplicating information. The revised file was approved by the Committee along with the suggestion that international comparability be added to it. The revised file would now be used for populating the Qualifications Register.

Item No. 2: Development of template for approval of NOSs

A presentation was made by the EU expert on the process required for approval of NOSs. It was decided that based on the suggestions made in the presentation, a standard template be developed that will be used for approving NOSs.

NOSs to be submitted in the template used by NSDC for approval before the next NSQC meeting.

Item No. 3: Approval of QPs prepared by other SSCs (if any)

An additional 38 QPs were submitted by five SSCs, namely the Indian Plumbing Skill Council (15), Construction Sector Skill Council (12), Retailers Association Skill Council of India (7), Electronics & Hardware Sector Skill Council (2) and Security Sector Skill Council (1). These QPs are to be reviewed for inclusion in the Qualifications Register.

The decision of the Committee is as under:

1. The QPs submitted by the Indian Plumbing Skill Council (enclosed as **Annexure IV**) have been approved.
2. The QPs submitted by Electronics & Hardware Sector Skill Council (enclosed as **Annexure V**) have been approved subject to the following action points:
 - a. The assessment criteria should be presented in the correct format
3. The QPs submitted by Security Sector Skill Council (enclosed as **Annexure VI**) have been approved.

Action Points/Way Forward

- a. The next NSQC Meeting is going to be held on 19th May 2015. The time alongwith the details of the agenda would be circulated in due course.
- b. A standard index (as shown in the table below) on the QPs/qualifications submitted for approval as covering note should be provided and the same will be circulated in the agenda papers for the upcoming NSQC meeting.

Sl. No.	QP/ Qualification	QP No/ Code	Proposed level	Entry requirements	Notional hours	Progression/ Occupation it leads to	Industry validation	International Comparability

- c. A target of at least 300 QPs, which are going to be used in the Pradhan Mantri Kaushal Vikas Yojana (PMKVY) to be submitted in the next NSQC meeting for approval. It was emphasized that these QPs should be submitted by 10th May 2015 to the NSDA for initial review. It should be noted that QPs that are not approved by NSQC would not be used in PMKVY scheme.

List of Participants of the 5th NSQC meeting

22nd April, 2015 at 2.30 PM

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

1. Mr S. Ramadorai, Chairman, NSDA
2. Mr Rajesh Agarwal, Director General, NSDA and Joint Secretary, Ministry of Skill Development and Entrepreneurship
3. Mr Deepankar Mallia, DDG (T), Ministry of Skill Development and Entrepreneurship
4. Dr T C Saravanabava, DDG (AT), Ministry of Skill Development and Entrepreneurship
5. Mr Dinesh Nijhawan, Director (SDI), Ministry of Skill Development and Entrepreneurship
6. Dr Superna S Pachouri, Director (RMSA & EFA), Directorate of School Education and literacy, MHRD
7. Mr K P Singh, Joint Secretary, UGC
8. Dr Biswajit Saha, Addl Director (Vocational Education), CBSE
9. Mr S Senthil Kumar, Director Training, DGE&T, Ministry of Skill Development and Entrepreneurship
10. Mr Joji P, Joint Director, Ministry of Skill Development and Entrepreneurship
11. Mr Amrit Pal Singh, Deputy Director, Ministry of Skill Development and Entrepreneurship
12. Mr Dilip Chenoy, MD & CEO, NSDC
13. Mr Nirmalya Nath, Asst Director, CSTARI, Ministry of Skill Development and Entrepreneurship
14. Mr M Thamizharasan, Joint Director, CSTARI, Ministry of Skill Development and Entrepreneurship, Kolkata
15. Mr C Ravichandran, Project Director (Technical), Tamil Nadu Skill Development Corporation, Tamil Nadu, Chennai
16. Mr N K Malhotra, CEO, ESSC
17. Mr Harpreet Singh, VP & Head, Indian Plumbing Sector Skill Council
18. Mr Gunjan Aneja, Manager Operational, Indian Plumbing Skill Council
19. Mr Pradeep Doshi, Sr Vice President, Electronics Sector Skill Council
20. Col (Rtd) A K Joshi, CEO, Construction Skill Development Council of India
21. Mr Pratibha Mishra, NOS Developer, Construction Skill Development Council of India
22. Mr Jancy Mathew, Head- Standards, Construction Skill Development Council of India
23. Mr Rakesh Mathur, Consultant, Electronics Sector Skill Council
24. Mr S Manish Singh, Director, PROGILENCE (representing Capital Goods Skill Council)
25. Mr IS Gahraut, CEO, Capital Goods Skill Council
26. Mr Nirbhay Srivastava, Asst Director, Capital Goods Skill Council
27. Ms Akansha Mehrotra, Deputy Manager, Standards & Research, Construction Skill Development Council of India

28. Mr R Subramanian, Head- HR & Ops, Retailers Association Skill Council of India
29. Mr Aradhya Taraiga, Executive- Affiliation, Retailers Association Skill Council of India
30. Dr Mamta Srivastava, Deputy Director, (Vocational Education), NIOS
31. Dr Manju Gupta, Deputy Director, NIOS
32. Mr R L Singh, Consultant, DG (T)
33. Mr Gerald Thiel, International Consultant, ADB
34. Mr JM Castejon, India EU Program, EU
35. Mr Vaclav Klenha, Team Leader, India EU Program

Annexure II

List of approved Qualifications under NCVT

Sl. No.	Name of Qualification	Trade/ Course	Proposed level	Entry requirement s	Notional hours	Progression / Occupation it leads to	Industry validation
1.	National Certificate in MES	ELECTRICAL WINDER	Level 2	Passed 8th Class + 14 Years of age	700 hours (600 hrs. + 100* hrs.)	1. Skilled Worker 2. ATS/CTS courses	Mentor Councils and NCVT
2.	National Certificate in MES	ELECTRICIAN DOMESTIC	Level 2	Passed 8th Class + 14 years of age	700 hours (600 hrs. + 100* hrs.)	1. Skilled Worker 2. ATS/CTS courses	Mentor Councils and NCVT
3.	National Certificate in MES	ELECTRICIAN INDUSTRIAL	Level 3	Passed 8th Class + 14 years of age	800 hours (700 hrs. + 100* hrs.)	1. Skilled Worker 2. ATS/ CTS courses	Mentor Councils and NCVT
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.)	1. Skilled Worker 2. ATS/ CTS courses	Mentor Councils and NCVT
5.	National Certificate in MES	OPERATOR CNC TURNING	Level 3	Passed 10th Class	600 hours (500 hrs. + 100* hrs.)	1. Skilled Worker 2. ATS/ CTS courses	Mentor Councils and NCVT
6.	National Certificate in MES	ARC AND GAS WELDER	Level 3	Passed Class 8th	800 hours (700 hrs. + 100* hrs.)	1. Skilled Worker 2. ATS/ CTS courses 3. MES courses TIG WELDER,	Mentor Councils and NCVT

Minutes of the 5th NSQC Meeting

						PIPE WELDER (TIG & MMAW) and CO ₂ Welder	
7.	National Certificate in MES	TIG WELDER	Level 3	8th Std pass + MES Certificate on Arc & Gas Welder	300 Hrs	1. Skilled Worker 2. ATS/ CTS courses	Mentor Councils and NCVT
8.	National Certificate in MES	PIPE WELDER (TIG & MMAW)	Level 3	8th Std pass + MES Certificate on Arc & Gas Welder	300 Hrs	1. Skilled Worker 2. ATS/ CTS courses	Mentor Councils and NCVT
9.	National Certificate in MES	CO ₂ Welder	Level 3	8th Std pass + MES Certificate on Arc & Gas Welder	300 Hrs	1. Skilled Worker 2. ATS/ CTS courses	Mentor Councils and NCVT
10.	National Certificate in MES	Welder (Repair & Maintenance)	Level 3	Passed 8th Class	600 hours (500 hrs. + 100* hrs.)	1. Skilled Worker 2. ATS/ CTS courses	Mentor Councils and NCVT
11.	National Certificate in MES	Sheet Metal Worker (Panels, Cabins & Ducts)	Level 3	Passed 8th Class	600 hours (500 hrs. + 100* hrs.)	1. Skilled Worker 2. ATS/ CTS courses	Mentor Councils and NCVT
12.	National Certificate in MES	Operator Conventional Turning	Level 3	Passed 8th Class	600 hours (500 hrs. + 100* hrs.)	1. Skilled Worker 2. ATS/ CTS courses	Mentor Councils and NCVT

* Soft and Entrepreneurship Skills

Annexure III

List of approved QPs submitted by Capital Goods Skill Council

Sl. No.	Qualification Pack	QP No.	Proposed level	Entry requirements	Notional hours	Progression/Occupation it leads to	Industry validation
1	Assistant Manual Metal Arc Welding/Shielded Metal Arc Welding	CSC/Q 0202	2	5 th Pass	400	Progression : MMAW/SMAW Welder, TIG or MIG welders, Fitter - Fabrication Occupation : Welding and Cutting	39 Employers, 11 large, 12 medium and 16 small
2	Sheet Metal Worker Hand Tools and Manually operated machines	CSC/Q 0301	2	8 th Pass	400	Progression : Fitter- Fabrication, Fitter- Assembly Occupation : Fabrication, Fitting and Assembly	36 Employers, 11 large, 10 medium and 15 small
3	Grinder – Hand & Hand held Power Tools	CSC/Q 0302	2	8 th Pass	350	Progression : Fitter- Fabrication, Fitter- Assembly & Sheet Metal Worker Occupation : Fabrication, Fitting and Assembly	35 Employers, 11 large, 13 medium and 11 small
4	Manual Metal Arc Welding/Shielded Metal Arc Welding	CSC/Q 0204	3	8 th Pass	500	Progression : Senior MMAW/SMAW, TIG or MIG welders, Flux core arc welder, Machine Welder Occupation : Welding and Cutting	38 Employers, 11 large, 12 medium and 15 small
5	Fitter Mechanical Assembly	CSC/Q 0304	3	10 th Pass Minimum 1	500	Progression : Fitter Maintenance,	48 Employers, 13

Minutes of the 5th NSQC Meeting

				year as a Fitter Fabricato r or Machinist		Supervisor Occu pation : Fitting and Assembly	large, 17 medium and 18 small
6	Senior Manual Metal Arc Welding/Shielded Metal Arc Welding	CSC/Q 0208	4	10 th Pass	650	Progression : TIG or MIG welders, High pressure Welders, Structural Welders, welding Supervisors Occ upation : Welding and Cutting	40 Employe rs, 12 large, 11 medium and 17 small
7	Flux Cored Arc Welder (Semi Automatic)	CSC/Q 205	4	10 th Pass	700	Progression : TIG or MIG welder, High pressure welder, structural welder, Welding supervisor Occu pation : Welding and Cutting	36 Employe rs, 12 large, 11 medium and 13 small
8	Tungsten Inert Gas Welder (GTAW)	CSC/Q 0213	5	10 th Pass 3 months Manual/ Shielded Metal Arc Welding required	500	Progression : Supervisor Welding, High Pressure Welder or Structural Welder Occupat ion : Welding and Cutting	36 Employe rs, 10 large, 14 medium and 12 small

Annexure IV**List of approved QPs submitted by Indian Plumbing Skill Council**

Sl. No.	Qualification Pack	QP No.	Proposed level	Entry requirements	Notional hours	Progression/Occupation it leads to
1	Plumber General Helper	PSC/Q 0101	Level 1	5 th Preferably	1000	Level 2 Plumber (General) Assistant, Plumber (Welder) Assistant, Plumber (Maintenance & Servicing) Assistant
2	Plumber Welder Assistant	PSC/Q 0103	Level 2	5 th Preferably	1000	Level 3 – Plumbing Mason, Plumber (Welder), Plumber General, Plumber Pipeline, Plumber (Operations), Plumber (Maintenance & Servicing)
3	Plumber General Assistant	PSC/Q 0102	Level 2	5 th Preferably	1000	Level 3 – Plumbing Mason, Plumber (Welder), Plumber General, Plumber Pipeline, Plumber (Operations), Plumber (Maintenance & Servicing)
4	Plumber Pipeline	PSC/Q 0107	Level 3	5 th Preferably	1200	Level 4 - Plumber (General) II, Plumber (Pumps & E/M Mechanic)
5	Plumber General	PSC/Q 0104	Level 3	5 th Preferably	1200	Level 4 - Plumber (General) II, Plumber (Pumps & E/M Mechanic)
6	Plumber Welder	PSC/Q 0105	Level 3	5 th Preferably	1200	Level 4 - Plumber (General) II, Plumber (Pumps

Minutes of the 5th NSQC Meeting

						& E/M Mechanic)
7	Plumbing General - II	PSC/Q 0110	Level 4	8 th	1400	Plumber Foreman
8	Plumber – Pumps & E/M Mechanic	PSC/Q 0111	Level 4	12 th	1400	Plumbing Foreman
9	Plumber – Maintenance & Servicing	PSC/Q 0112	Level 3	8 th	1200	Level 4 - Plumber (General) II, Plumber (Pumps & E/M Mechanic)
10	Plumbing Foreman	PSC/Q 0113	Level 5	12 th	1600	Plumbing Supervisor
11	Plumber – Maintenance & Servicing Assistant	PSC/Q 0109	Level 2	5 th preferably	1000	Level 3 – Plumbing Mason, Plumber (Welder), Plumber General, Plumber Pipeline, Plumber (Operations), Plumber (Maintenance & Servicing)
12	Plumber Mason	PSC/Q 0106	Level 3	5 th Preferably	1200	Level 4 - Plumber (General) II, Plumber (Pumps & E/M Mechanic)
13	Plumber Operations	PSC/Q 0108	Level 3	5 th Preferably	1200	Level 4 - Plumber (General) II, Plumber (Pumps & E/M Mechanic)
14	Plumbing Supervisor	PSC/Q 0114	Level 6	12 th / Diploma	1840	Plumbing Site Engineer
15	Plumbing Site Engineer	PSC/Q 0115	Level 7	Degree/ Diploma in Civil Engineering	1400	No progression mentioned as this is the highest level sector

Annexure V

Qualification Packs by the Electronics & Hardware and Sector Skill Councils

Sl. No	Qualification Pack	QP No.	Proposed level	Entry requirements	Notional hours	Progression/Occupation it leads to
1	Field Technician (Computing and Peripherals)	ELE/Q46 01	4	Diploma/ ITI	200	Field Technician – Networking and Storage, Test and Repair Technician
2	TV Repair Technician	ELE/Q31 01	4	Diploma/ ITI	200	TV Repair Technician, Service Supervisor

Annexure VI

Qualification Packs by the Security Sector Skill Councils

Sl. No	Qualification Pack	QP No.	Proposed level	Entry requirements	Notional hours	Progression/Occupation it leads to
1	Security Supervisor	SSS/Q03 01	5	1. Class XII. 2. Trained as per PSARA requirements in QP & NOS aligned syllabus	160 hours as mandated in Private Security Agencies (Regulation) Act - 2005	Security Officer