15th Meeting of the National Skills Qualifications Committee (NSQC)
Date: 03.3.2017 Time: (4:00pm-6:00pm)
Venue: MSDE office at 4th Floor, Annexe Building Shivaji Stadium, Shaheed Bhagat
Singh Marg, Connaught Place, New Delhi- 110001

The 15th meeting of the National Skills Qualifications Committee (NSQC) was held on 03.3.2017 in New Delhi under the chairmanship of Shri K.P Krishnan**,** Chairman, NSDA and Secretary, MoSDE.

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

Agenda Item No. 1:Approval of Minutes of the 14th Meeting of NSQC

There were no further comments on the minutes of the 14th NSQC meeting and the same were treated as approved.

Agenda Item No. 2: Action Taken Report

The action taken report on all the agenda items is enclosed.

Agenda Item No. 3: Update on NSQF operationalization and related activities

DG, NSDA provided an update on the action taken on NSQF implementationin various states and central ministriessince the last NSQC Meeting. The Committee noted the same.

Agenda Item No.4: Alignment of existing qualifications

It was discussed that with the increasing number of approved qualifications and variety of awarding bodies a number of issues have come up in the process of NSQF alignment. There are narrow qualifications within an occupation, duplication of qualifications across awarding bodies, entry requirements leading to mismatch between qualifications and occupations etc.

In this regard, Chairman, NSQC directed that NSDA may develop a standard operating procedure (SOP) for approval of qualifications. This will be placed before the NSQC in its next meeting for its approval and adoption. **(Action: NSDA)**

Agenda Item No.5: Approval of Qualifications

A total of 191 QFs were tabled before the NSQC for its approval. The detailed discussions were as follows:

a) Mi**nistry of IT, NIELET/C-DAC Files:** A total of 21 NIELET qualifications and 40 qualifications of C-DAC were tabled for seeking NSQC approval and the same were approved. However, Chairman, NSQC pointed out that the submitting bodies need to check for any regulatory or mandatory issues which need to be addressed by the respective submitting bodies. **(Action: NIELET, C-DAC)**

b) **Paints & Coatings SSC:** A total of 9 qualifications were placed for seeking NSQC approval and the same were approved.

c) **Green Jobs SSC**: A total of 2 qualifications were placed before NSQC for approval and the same were approved.

d) **Construction SSC Files:** A total of 6 qualifications were placed before NSQC for approval out of which two qualifications namely rural mason and supervisor structure were approved. In regard to qualification for Painter & Decorator, it was observed that the Construction SSC and RSETI had similar qualifications. Paints and Coatings SSC was also proposing to develop such qualification. It was discussed that these multiple awarding bodies may identify the common NOSs and resolve the issue. Similar decision was taken in respect of the Construction DPT Tester, Construction MPT Tester, Construction UT tester qualifications. **(Action: Construction SSC, NSDA)**

e) **Ministry of Rural Development, RSETI Files**: A total of 56 qualifications were placed before NSQC for approval out of which 55 qualifications were approved. The qualification relating to building painter was deferred as minutised above. It was observed that RSETI is the trainer as well as the assessor in the above cases leading to possible conflict of interest. RSETI was advised to submit a strategy to ensure that a system of independent assessment is in place. It was also observed that while some of the qualifications were titled differently they have same description as those of previously approved SSC qualifications. It was agreed that RSETI could adopt the previously approved qualifications and continue with the assessment and certification.**(Action: RSETI)**

f) **Food Processing SSC:** A total of 8 qualifications were placed before NSQC for approval and the same were approved.

g) **Ministry of MSME Files**: A total of 31 qualifications were placed before NSQC and the same were approved. It was observed that as in the previous case, while the nomenclature may be similar the outcomes of the qualifications were different. Chairman, NSQC decided that M/o MSME may adopt the approved qualifications and continue with the assessment and certification. The comparison sheets of two sets of qualifications made by NSDA may be shared with the concerned SSCs.**(M/o MSME)**

h) **Textile SSC:** A total of 8 qualifications were placed before NSQC for approval out of which 7 qualifications were approved. One qualification of handloom entrepreneur was not taken up for approval as NSQC is not yet considering entrepreneurship qualifications. This issue will be discussed separately.

i) **Ministry of Textile:** A total of 9 qualifications were placed before NSQC and the same were approved.

j) **Ministry of Commerce & Industry Files**: A total of 4 qualifications were placed before NSQC and the same were approved. It was observed that as in the case of M/o MSME while the nomenclature of some of the qualifications may be similar to the previously approved SSC qualifications, the outcomes of the qualifications were different. Chairman, NSQC decided that M/o MSME may adopt the approved qualifications and continue with the assessment and certification. The comparison sheets of two sets of qualifications made by NSDA may be shared with the concerned SSCs.**(Action: M/o Commerce & Industry)**

k) **Logistics SSC:** One qualification file of Lead Courier submitted by Logistics Sector Skill Council will be treated as approved as SSC has submitted information on international comparability.

List of files thus approved are as follows

S. No.	Submitting body	No. Of QFs approved
1	Ministry of IT, NIELET	21
2	Ministry of IT, C-DAC	40
3	Paints & Coating SSC	9
4	Green Jobs SSC	2
5	Construction SSC	2
6	National Academy of RUDSETI, Ministry of Rural Development	55
7	Food Processing SSC	8
8	Ministry of Medium, Small and Micro enterprise, Tool room	31
9	Ministry of Textile	9
10	Textile SSC	7
11	Ministry of Commerce &	4

Industry	
Total	189

Details of these Qualifications are at Annexure II.

In his closing remarks, the Chairman, NSQC summarized that the SOP to be prepared by NSDA will be circulated to the stakeholders and also put up in the public domain for comments. In addition to the elements discussed, the SOP will also include:

a) Develop a formal system of advance sharing of all Qualifications with members of NSQC and identified stakeholders whose views should be recorded for evaluation of Q Files.
b) In order to increase the feedback on Q Files uploaded on public portal, an outreach mechanism to be developed.
c) There will be a prior stakeholder consultation with the line ministry, industry bodies, academia, state governments, regulatory, licensing body etc.
d) The files will be presented before the NSQC by the NSDA consultant.
e) The proposals scrutinized and complete in all aspects will be shared with NSQC members, relevant agencies and also will be put up on the website for public comments.
f) The proposal should contain qualifications and not course for approval.
(Action: NSDA)

Agenda Item No.6: Any other matter with the approval of the Chairman

Meeting ended with vote of thanks by the Chair.

Annexure I

List of Participants of the 15ᵗʰ NSQC Meeting
03.03.2017 at 4:00 PM
MSDE office at 4th Floor, Annexe Building Shivaji Stadium, Shaheed Bhagat
Singh Marg, Connaught Place, New Delhi- 110001

1. Shri K.P.Krishnan, Chairman, NSDA& Secretary, MoSDE
2. Ms Sunita Chhibba, IES, Senior Adviser, MSDE & DG, NSDA
3. Mr Rajneesh Kumar Asthane (Dy. Director), (M/O, E&IT) NIELIT
4. Mr Anil Subramaniam, Director, MORD
5. Ms Alka Upadhyaya, Skills, MORD
6. Mr Ravi Ranjan, Director, Jharkhand , Skill development Mission,
7. Mr Pratap Kumar. S, Additional Director, MOE&IT, NIELIT
8. Mr Aditya Kumar Singh, Principle Technical Officer, C-DAC, MEITY
9. Ms Vineeta Tiwari, Sr. Technical Officer, CDAC
10. Mr Sanjeev Chawla, Director, O/O Development Commissioner (MSME), MOMSME
11. Ms A.Srija, Director(SDE), Niti Aayog,
12. Mr Hdkapse, M.D. IGTR AO, MSME O/O DC MSME
13. Mr Vijay Bankar, IGTR, MSME, O/ODC, MSME
14. Mr Sibasis Maity, MD, MSME TC, Baubaneswar
15. Mr Jaipal Singh, Dy. Director, MSME, O/O DC, MSME,
16. Mr Rajan K. M, CTTC Bhubaneswar, MSME O/O DCMSME,
17. Mr Ramchandna Kowhigi, Consultant, NAR, Bengaluru, NAR (RUDSETI), Bengaluru
18. Mr R. R Singh, D/O, National Academy of RUDSETI
19. Dr. Rajesh Kumar, Director (Voc. Edu), National Institute of Open Schooling
20. Dr. P. Saxena, CEO, Skill Council for Green Jobs
21. Mr Anand Kumar Singh, CSDCI
22. Mr R C M Reddy, IL& FS Skills
23. Mr K.N. Janardhana, Nacer
24. Mr P P Gupta, DS, D/O school Education and Literacy
25. Mr Maneesh Garge, JS, D/O School Education & Literacy
26. Dr. Biswajit Saha, Addl. Director, CBSE
27. Ms Riya Dhar, Asst. Mgr., FICSI,
28. Ms Sneha Fartyal, Manager, EY(Representing FICSI)
29. Mr V.S. Ram, CEO- Paints & Coating, Skill Council (PCSC), PCSC
30. Mr I S Gahlaut, CEO, Capital Goods Skill Council, CGSC
31. Dr. Ravindra Kumar, General Manager, Metal Handicrafts Service Control K.O. Thomas
32. Ms Nidhi Gautam, Consultant, NSDA
33. Ms Ruchira Chandra, Consultant, NSDA
34. Ms Tuhina Chatterjee, Consultant, NSDA
35. Mr Prabal Bhardwaj, Consultant, NSDA
36. Mr Anand Ramesh, Consultant, NSDA
37. Ms Pangkhuri Bhorgohain, Consultant, NSDA
38. Ms Ankita Verma, Consultant, NSDA
39. Ms Tanvi Singh, Consultant, NSDA
40. Ms Neha Gupta, Consultant, NSDA
41. Ms Vasundhara Bhargava, Consultant, NSDA

Annexure II

List of SSCs Qualifications approved at the 15th NSQC Meeting

Sl. No.	Qualification	QP Code	NSQF level
1. Paints & Coatings			
1.1	Powder Coater	PCS/Q5102	4
1.2	Protective and Marine Painter	PCS/Q5109	4
1.3	General Industrial (Liquid) Painter	PCS/Q5108	4
1.4	Technical Sales Representative	PCS/Q0102	5
1.5	Extrusion Operator	PCS/Q0602	3
1.6	Air Classification Mill Operator	PCS/Q0601	4
1.7	Tumbling Operator	PCS/Q0603	3
1.8	Production QC In-Charge	PCS/Q0505	5
1.9	Shop Tinting Assistant	PCS/Q5007	4
2. Green Jobs			
2.1	Soalr Proposal Evaluation Specialist	SGJ/Q0105	7
2.2	Rooftop Solar Grid Engineer	SGJ/Q0106	5
3. Construction			
3.1	Rural Mason	CSDCI	4
3.2	Supervisor Structure	CSDCI	6
4. Food Processing			
4.1	Soya Beverage Making Technician	FIC/Q8003	4
4.2	Plant Manager	FIC/Q9004	9
4.3	Production Manager	FIC/Q9003	7
4.4	Convenience Food Maker	FIC/Q8503	4
4.5	Food Microbiologist	FIC/Q7008	6
4.6	Offal Collector and Utlilizer	FIC/Q3005	4
4.7	Spice Processing Technician	FIC/Q8502	4
4.8	Supervisor: Meat and Poultry Processing	FIC/Q3007	5
5. Textile SSC			
5.1	Card Puncher (Automatic machine)	TSC/Q7401	3
5.2	Textile Designer- Handloom Jacquard	TSC/Q7403	4
5.3	Jacquard Harness Builder	TSC/Q7502	4
5.4	Jacquard Weaver- Handloom	TSC/Q7306	4
5.5	Shuttle less loom weaver - water jet	TSC/Q2207	4
5.6	Shuttle less loom Fitter - water jet	TSC/Q2407	5
5.7	Power Loom Operator	TSC/Q2208	4
6. Logistics SSC			
6.1	Lead Courier	LSC/Q3028	5

List of Ministries' Qualifications approved

Sl. No.	Qualification	Code	NSQF level
1. NIELET			
1.1	Repair & Maintenance of ECG and ICCU equipments	NL/S/L3/C006	3
1.2	Repair and Maintenance of Imaging Equipment (X-Ray & Ultrasound machine)	NL/S/L3/C005	3
1.3	Repair & Maintenance of Dental Equipment	NL/S/L3/C004	3
1.4	Certificate Course in Electronic Product Testing	NL/S/L3/C002	3
1.5	Assembly & Maintenance of Personal Computer	NL/S/L2/C010	3
1.6	Solar-LED Lighting Product (Design and Manufacturing)	NL/M/L4/C022	4
1.7	Installation Repair and Maintenance of Home Appliances	NL/S/L4/C021	4
1.8	Telecom Technician- PC Hardware and Networking	NL/S/L4/C014	4
1.9	Installation & Maintenance of Photocopiers and Printers	NL/S/L1/C001	2
1.10	ESM - 1 Electronic Production Technician	NL/M/L4/C076	4
1.11	Certificate in Robotic Programming and Maintenance	NL/M/L4/C013	4
1.12	Automation Technology-Basic Level	NL/M/L4/C012	4
1.13	ESD –1 Electronics Product Design Support Engineer	NL/M/L5/C078	5
1.14	ESM– 2 Electronic Product Supervisor	NL/M/L5/C077	5
1.15	3 D Scanning and CNC Routing Engineer	NL/M/L5/C025	5
1.16	Additive Manufacturing /3D Printing	NL/M/L5/C024	5
1.17	Automation Technology-Advanced Level	NL/M/L5/C019	5
1.18	Embedded System Design using 8-bit Microcontrollers	NL/M/L5/C016	5
1.19	Post Diploma in VLSI Design, Tools & Technology	NL/M/L5/C017	5
1.20	Diploma in Repair & Maintenance of Industrial Instrumentation &Automation System	NL/S/L5/C009	5
1.21	Post Diploma in Repair and Maintenance of Hospital Equipment	NL/S/L5/C008	5
2. CDAC			
2.1	PG Diploma in Advanced Computing	PGDAC	8
2.2	PG Diploma in VLSI	PGDVLSI	8

2.3	PG Diploma in Big data Analytics	PGDBDA	8
2.4	PG Diploma in IT Infrastructure Systems and Security	PGDITISS	8
2.5	PG Diploma in Mobile Computing	PGDMC	8
2.6	PG Diploma in Internet of Things	PGDIOT	8
2.7	PG Diploma in HPCSA	PGDHPCSA	8
2.8	PG Diploma in Bio-Medical Instrumentation and Health Informatics	PGDBIHI	8
2.9	PG Diploma in Geo Informatics	PGDGi	8
2.10	PG Diploma in Embedded System Design	PGDESD	8
2.11	PG Diploma in Software System Development	PGDSSD	8
2.12	Diploma in Advanced Computing Arts	DACA	8
2.13	Diploma in Advanced Software Development Methodologies	DASDM	8
2.14	Certificate Course in Network Security	CCNS	7
2.15	Certificate Course in Software Testing	CCST	7
2.16	Certificate Course in Android Programming	CCAP	7
2.17	Certificate Course in Advanced Web Technology	CCAWT	7
2.18	Certificate Course in Internet of Things	CCIoT	7
2.19	Certificate Course in Java Programming	CCJP	7
2.20	Certificate Course in Linux System Administration	CCLSA	7
2.21	Certificate Course in Network Administration	CCNA	7
2.22	Certificate Course in Ethical Hacking & Information Security	CCEHIS	7
2.23	Certificate Course in iOS Programming	CCIP	7
2.24	Certificate course in Business Computing	CCBC	7
2.25	Certificate course in BigData Analytics	CCBDA	7
2.26	Certificate course in BigData Technologies	CCBDT	7
2.27	Certificate course in HPC Application Development	CCHPCAD	7
2.28	Certificate course in HPC Environments and Best Practices	CCEBP	7
2.29	Certificate course in Verification using system verilog	CCVSV	7
2.30	Certificate course in VHDL Design	CCVHDLD	7
2.31	Certificate course in Global support services	CCGSS	7
2.32	Certificate course in Verilog Design	CCVD	7
2.33	Certificate Course in MS.Net	CCMD	7
2.34	Certificate Course in Cyber Forensics and Cyber Laws	CCCFCL	7

2.35	Certificate Course in Embedded Programming	CCEP	7
2.36	Certificate Course in Micro Controller Programming	CCMCP	7
2.37	Certificate Course in Embedded Operating System	CCEOS	7
2.38	Certificate Course in 2D Animation	CC2DA	7
2.39	Certificate Course in 3D Animation	CC3DA	7
2.40	Certificate Course in Multimedia and Website Designing	CCMWD	7
3. RSETI			
3.1	Photography and Videography	NARQ40002	4
3.2	Cellphone Repairs and Service	NARQ40003	4
3.3	Homemade Agarbatti Maker	NARQ30004	3
3.4	Resham Kosh Utpadak Udyami	NARQ30005	3
3.5	Dairy Farming and Vermi Compost Making	NARQ30006	3
3.6	Beauty Parlor Management	NARQ40007	4
3.7	Paper Cover, Envelope and File Making	NARQ30008	3
3.8	Welding and Fabrication	NARQ40009	4
3.9	Men's Tailor	NARQ40010	4
3.10	Vastra Chitra Kala Udyami (Embroidery & Fabric Painting)	NARQ40011	4
3.11	Electric Motor Rewinding & Repair Services	NARQ40012	4
3.12	Costume Jewelry Udyami	NARQ40013	4
3.13	Two Wheeler Mechanic	NARQ40014	4
3.14	LMV Owner Driver	NARQ40015	4
3.15	Gharelu Vidyut Upkaran Seva Udyami	NARQ40016	4
3.16	Commercial Horticulture	NARQ30017	3
3.17	House Wiring	NARQ40018	4
3.18	Men's Parlour and Salon Udyami	NARQ40019	4
3.19	TV Technician	NARQ40020	4
3.20	Krishi Udyami	NARQ30021	3
3.21	Building Painting	NARQ30022	3
3.22	Soft Toys Maker and Seller	NARQ30023	3
3.23	Sheep Rearing	NARQ30024	3
3.24	Computerized Accounting	NARQ40025	4
3.25	Jute Products Udyami	NARQ30026	3
3.26	Poultry	NARQ30027	3
3.27	Papad, Pickle and Masala Powder Making	NARQ30028	3
3.28	Goat Rearing	NARQ30029	3
3.29	Cultivation of Medicinal and Aromatic Plants	NARQ30030	3

3.30	Rubber Tapping & Processing	NARQ30031	3
3.31	Fast Food Stall Udyami	NARQ30032	3
3.32	Women's Tailor	NARQ40033	4
3.33	Desktop Publishing	NARQ40034	4
3.34	Computer Hardware & Networking	NARQ40035	4
3.35	Candle Making	NARQ40036	4
3.36	Business Correspondent & Business Facilitator	NARQ30037	3
3.37	Debt Recovery Agents	NARQ30038	3
3.38	Piggery	NARQ30039	3
3.39	Plumbing and Sanitary Works	NARQ40040	4
3.40	Commercial floriculture	NARQ30041	3
3.41	Refrigeration and Air-conditioning	NARQ40042	4
3.42	Vegetable Nursery Management & Cultivation	NARQ30043	3
3.43	Bee Keeping	NARQ340044	3
3.44	Travel & Tourist Guide	NARQ30046	3
3.45	Mushroom cultivation	NARQ30047	3
3.46	Bamboo & Cane Craft Making	NARQ30048	3
3.47	Gardening and Landscaping	NARQ30049	3
3.48	House Aaya	NARQ30050	3
3.49	Poly House & Shade Net Farming	NARQ30051	3
3.50	Alluminium Fabrication	NARQ40052	4
3.51	UPS and Battery Making & Servicing	NARQ40053	4
3.52	Photo Farming, Lamination and Screen Printing	NARQ30054	3
3.53	Masonry & Concrete Work	NARQ30055	3
3.54	Installation& Servicing of CCTV Camera, Security Alarm & Smoke Detector	NARQ30056	3
3.55	Carpentry	NARQ40057	4
4. Ministry of MSME			
4.1	POST DIPLOMA IN COMPUTER AIDED ENGINEERING	MSME / PDCAE / 31	6
4.2	POST DIPLOMA IN INDUSTRIAL AUTOMATION & ROBOTICS	MSME / PDIA&R / 32	6
4.3	ADVANCE CERTIFICATE COURSE IN TOOL DESIGN & CAD CAM	MSME / ACCTDCC / 33	5
4.4	ADVANCE CERTIFICATE COURSE IN TOOL & DIE MANUFACTURING	MSME / ACCTDM / 34	5
4.5	ADVANCE CERTIFICATE COURSE IN CNC MACHINING	MSME / ACCCM / 35	5
4.6	CERTIFICATE COURSE IN MACHINIST TOOL ROOM	MSME / CCMTR / 36	5

4.7	MASTER CERTIFICTE COURSE IN COMPUTER AIDED TOOL ENGINEERING	MSME / MCCCATE / 37	6
4.8	MASTER CERTIFICTE COURSE IN CAD CAM	MSME / MCCCC / 38	6
4.9	MASTER CERTIFICATE COURSE IN MECHATRONICS	MSME / MCCM / 39	6
4.10	MASTER CERTIFICATE COURSE IN PRODUCT DESIGN	MSME / MCCPD / 40	6
4.11	MASTER CERTIFICATE COURSE IN CNC TECHNOLOGY	MSME / MCCCT / 41	6
4.12	MASTER CERTIFICATE COURSE IN TOOL DESIGN	MSME / MCCTD / 42	6
4.13	ADVANCE DIPLOMA IN MACHINE MAINTENANCE & AUTOMATION	MSME / ADMMA / 44	6
4.14	CERTIFICATE COURSE IN ELECTRICAL EQUIPMENT REPAIRING AND MAINTENANCE	MSME/ CCEERM / 47	6
4.15	ADVANCED DIPLOMA IN STRUCTURAL DESIGN AND ANALYSIS	MSME / ADSDA / 48	6
4.16	MASTER CERTIFICATE COURSE IN AUTOMATION AND PROCESS CONTROL	MSME / MCCAPC / 49	7
4.17	POST GRADUATION IN AEROSPACE MANUFACTURING	MSME / PGAM / 50	8
4.18	ADVANCED DIPLOMA IN COMPUTER HARDWARE AND NETWORK MANAGEMENT	MSME / ADCHNM / 51	6
4.19	CERTIFICATE COURSE IN MACHINING	MSME/CCM/ 53	5
4.20	CERTIFICATE COURSE IN CNC MILLING	MSME/CCCM/ 54	4
4.21	CERTIFICATE COURSE IN CNC TURNING	MSME/CCCL/ 55	4
4.22	ADVANCE CERTIFICATE COURSE IN INSPECTION & QUALITY CONTROL	MSME/ACCIQC/ 56	5
4.23	CERTIFICATE COURSE IN FOUNDARY TECHNOLOGY	MSME / CCFT / 57	3
4.24	DIPLOMA IN TOOL ENGINEERING	MSME / DTE / 58	5
4.25	3D Animation (MAYA)	MSME / MAYA / 59	5
4.26	ADVANCED EMBEDDDED TECHNOLOGY	MSME / AET / 60	6
4.27	POST DIPLOMA IN ADVANCED ANIMATION & FILM MAKING	MSME / PDAAFM/ 63	6
4.28	ADVANCE CERTIFICATE COURSE IN WELDING TECHNOLOGY	MSME / ACCWT / 18	5
4.29	CERTIFICATE COURSE IN HEA T TREATMENT	MSME / HT / 23	4
4.30	CERTIFICATE COURSE IN CNC TURNING & MILLING	MSME / CCCTM / 25	4

4.31	CONDENSED COURSE IN TOOL & DIE MAKING	MSME / CCTDM / 29	5
5. Ministry of Textile			
5.1	Washing Operator	TC PRC 13	2
5.2	Electroplating and Effluent Treatment	TC MET 01	2
5.3	Engraving	TC MET 02	2
5.4	Lacquering and Painting	TC MET 03	2
5.5	Packaging	TC MET 04	2
5.6	Powder Coating	TC MET 05	2
5.7	Quality Control	TC MET 06	2
5.8	CAD	TC MET 07	2
5.9	Welding and Soldering	TC MET 08	2
6. Ministry of Commerce and Industry			
6.1	Basic Cutting Operator-Footwear		2
6.2	Basic Closing Operator –Footwear		2
6.3	Basic Cutting Operator – Goods & Garments		2
6.4	Basic Closing Operator – Goods & Garments		2