

Minutes of 23rd Meeting of the National Skills Qualifications Committee (NSQC)

Venue: National Skill Development Agency (NSDA), Kaushal Bhawan, New Delhi

The 23rd meeting of the National Skills Qualifications Committee (NSQC) was held on 22nd August 2019 at National Skill Development Agency (NSDA), New Delhi under the Chairpersonship of Dr. K.P. Krishnan, Chairman-NSDA/ Secretary-MSDE. The list of participants is placed at Annexure I.

DG-NSDA welcomed all the participants for the meeting. She informed NSQC about the work done towards strengthening and consolidating the process of scrutinization of Qualification Files for NSQF alignment in the last 6 months. The efforts, she said, were undertaken to create a holistic perspective on NSQF alignment and to look at it as an enabler in the process of creating a quality ecosystem. A number of initiatives taken by NSDA in this direction had been included in the agenda of the meeting. The agenda included 11 items, each of which was taken up for a detailed discussion.

Agenda Item I: Confirmation of Minutes of the 22nd Meeting of NSQC

The Committee approved the minutes of the 22nd meeting of NSQC with the following changes –

- i. Agenda item II: to be modified as “DG-DGT requested NSQC to add ITI (2 years) after 8th grade, in the relevant trade/ sector/ stream as an entry requirement wherever class 10th is mentioned”
- ii. Agenda item X(xxii): to be modified as “Regarding 6 NOSs proposed by Management SSC, NSDA informed that at present there is no mechanism to approve this/ such NOS. However, as required, these NOSs may be approved for usage under PMKVY. It was clarified that NOS on entrepreneurship does not require NSQF alignment”

Agenda Item II: Action Taken Report on the minutes of the 22nd Meeting of NSQC

NSQC took note of the action taken.

Agenda Item III: Extension of review date for 1613 Qualifications of SSCs

1613 Qualifications of SSCs (summary sheet at Annexure II) were placed for extension of review date and the same was approved by NSQC. DG-NSDA mentioned that SSCs should undertake proper rationalization of these Qualifications as only about one-third of these Qualifications are in use. The NSDC should report progress of the review exercise periodically to NSDA.

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Agenda Item IV: Guidelines on adoption of NSQF aligned Qualifications by other Awarding Bodies

- The guidelines prepared by NSDA to enable adoption of NSQF aligned Qualifications by multiple Awarding Bodies, were presented in the meeting. NSQC was informed that the guidelines will facilitate access to standardized Qualifications across Awarding Bodies, help States to focus on traditional skills, facilitate optimum utilization of resources, reduce duplication and enable a learner centric approach with a quality assurance mechanism in place.
- NSQC was further informed that the inputs received from MSDE, DGT, AICTE, NSDC, select SSCs and those received through public consultation were suitably incorporated in the guidelines.
- NSQC agreed that building such a mechanism was long overdue and suggested that guidelines may be disseminated to various stakeholders.

Agenda Item V: Recognition of SVSU and NPTI as Assessment & Certification Bodies

- NSQC was informed that the Committee on Assessment & Certification Bodies, after due diligence, has recommended recognition of the following as Assessment & Certification Bodies:
 - Shri Vishwakarma Skill University (SVSU), Haryana- for 1759 Qualifications across sectors (sector-wise break-up of these 1759 Qualifications placed at Annexure III)
 - National Power Training Institute (NPTI)- for 60 Qualifications in Power and Renewable Energy sector (Annexure IV)

NSQC was informed that the recognition is subject to conditions that include—

- i. NSDA/ NCVET should be informed before undertaking any addition/ modification in the list of Qualifications in future.
- ii. If there is any change in adopted Qualifications, then it will be binding on the Assessment & Certification Body using that Qualification to modify the training delivery accordingly.
- iii. SVSU and NPTI will ensure that training is conducted on mandatory components and assessment is undertaken in conformity with assessment norms.
- iv. The recognized Assessment & Certification Body will upload content developed for the Qualifications on public portal as suggested by NSDA/ NCVET.
- v. The recognition may initially be granted for a period of 3 years after which renewal may be sought from the Competent Authority as per guidelines and processes applicable at that time.

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- **NSQC ratified the approval for recognition of SVSU and NPTI as Assessment & Certification Bodies.** Further, NSQC agreed that similar conditions would be applicable in case of the recognition granted to Centurion University in 2018 to bring in uniformity across the system.

Agenda Item VI: Assigning NSDA codes to Qualifications

NSQC was informed about the efforts undertaken by NSDA for development of a coding system for NSQF aligned Qualifications. All Qualifications on NQR would be assigned a unique code which would enable users to uniquely identify each NSQF aligned Qualification. These codes will be alpha-numeric and reflect year of NSQF alignment, sector, name of submitting body and a serial (sequential) Qualification number.

NSQC appreciated the work done by NSDA in this regard. Chairman, NSQC suggested that before finalizing the coding system, DG-DGT may be consulted to ensure such codes are amenable to digitization.

Agenda Item VII: Linking of Qualifications & NSQF Levels to NCO codes

NSQC was informed that in order to map Qualifications with corresponding NCO codes in an accurate manner, a Working Group was constituted by NSDA under DDG, MoLE vide order dated 5th April 2019. The Working Group comprised of ILO, MoSPI, DGT, NSDC, Agriculture SSC, Automotive SSC & NSDA.

The Working Group met four times to discuss and decide on various aspects of linking NCO codes with NSQF aligned Qualifications. A format titled 'linkage of QF & NSQF levels to NCO codes' for use by Submitting Bodies was developed. The format will be included as an annexure to the Qualification File. This will facilitate identification of NCO codes by Submitting Bodies and NSDA. The format would be disseminated among all Submitting Bodies to facilitate the end-to-end process.

Moreover, NSQC was informed that another important outcome of these meetings was that NSDA will organize orientation programs for Submitting Bodies on usage of NCO codes, in collaboration with MoLE.

Agenda Item VIII: For Information to NSQC

NSQC was informed of the following:

- i. Sectoral reallocation of Qualifications pertaining to Indian Air Force
- ii. Withdrawal of 17 DGT Qualifications from NQR (list placed at Annexure V)

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- iii. Change in nomenclature of 'Diploma in IT, Networking and Cloud' to 'Advanced Technical Diploma in IT, Networking and Cloud', by DGT. However, based on discussions in the NSQC, DGT would further change the nomenclature of these Qualifications in consultation with AICTE.
- iv. Strengthening process of NSQF alignment- NSQC was informed that to strengthen and consolidate the process of scrutinization of Qualification Files and NSQF alignment of Qualifications, NSDA has formulated and revised certain mechanisms/ SOPs.
 - o Process for Stakeholder engagement, which is one of the most essential mechanism to ensure Qualifications meet the needs of those involved in training delivery and that of employers, has been redefined to enhance the level of stakeholder participation.
 - o Operational Manual- to ensure clarity regarding requirement of NSQF alignment for a Qualification and mechanism thereof, an operational manual for various different types of Qualifications is being prepared.
 - o Line Ministry concurrence & nomination of Nodal officer: since the process of taking concurrence from respective Line Ministry is time-consuming, there have been delays in the process of formalization/ approval of Qualifications. It was thus decided that the Line Ministries would be required to send comments within a stipulated time, else, efforts on the parts of Submitting Bodies would be considered sufficient.
 - o In order to make the Qualifications inclusive of components of PwD, Gender and Green Jobs, NSDA proposes to revise the Qualification File template, for addressing these parameters. To begin the process, a consultation was held at NSDA on 30th July to address PwD requirements in the QF. This would be taken forward in the next few months.
 - o SOPs: The Standard Operating Procedures for NSQF Alignment, conducting NSQC and that of uploading files on National Qualification Register (NQR) were revised to improve their efficacy.

Agreeing to the need for making the process of NSQF alignment more robust, NSQC appreciated the work done by NSDA for the same and noted the information.

Agenda Item IX: Modification in Qualification- Multi Skill Assistant Technician

- A Qualification File- 'Multi Skill Assistant Technician- approved in the 19th NSQC', was discussed for prospective modifications to facilitate implementation in multiple States as part of MHRD's 'Centrally Sponsored Scheme of Vocationalization of Secondary and Higher Secondary Education' under Samagra Shiksha, for classes IX and X.
- NSQC was informed that NSDC had written to the States on 27th June 2019 stating its inability to implement the said Qualification. Subsequently, NSDC had also raised implementation concerns with NSDA. However, States of Jharkhand, Tamil Nadu, Nagaland, Telangana, Delhi,

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Odisha and Haryana recommended this Qualification and requested NSDA to enable them to run the same.

- NSQC decided that to avoid disruption of the current batch of students and to strengthen implementation, this Qualification shall continue to run till the end of current session i.e. 2021 with the following modifications:
 - i. Automotive Skill Development Council, Agriculture Skill Council of India and respective State Boards/ CBSE will be included as Awarding Bodies in the Qualification
 - ii. Accrediting body for the Training Providers (TPs) shall be the respective State Boards/ CBSE
 - iii. Broadly the current model of Maharashtra will be followed in the other States with regards to implementation of the Qualification
- Further, NSQC observed that State Governments should be given a bigger role and autonomy with respect to multiskilling courses. Appropriate assessment mechanisms should be developed by the States for the same.
- NSQC also observed that vocational courses at school level may not need to be subjected to standard NSQF procedures & compliances. The Chairman directed that a Working Group shall be formed at NSDA comprising of CBSE, MHRD and other relevant stakeholders in order to review & recommend revisions in NSQF compliance norms for school education and to design an approach to multiskilling courses for future.

Agenda Item X: To consider Qualifications received from Submitting Bodies

DG-NSDA informed that NSDA had received 568 Qualification Files (366 new & 202 revised) till the cut-off date of 5th June 2018. DG-NSDA briefly explained the process undertaken for scrutinization of Qualification Files (QFs). She further informed that stakeholder consultations for the Qualifications being placed for consideration, were conducted between 19th June and 20th July 2019.

She also informed that the decision taken in 22nd NSQC meeting to add ITI (2 years) after 8th grade, in the relevant trade/ sector/ stream as an entry requirement wherever class 10th is mentioned, would be applicable to all the Qualifications being presented. All the Submitting Bodies should reflect this as part of the entry requirements in the QF, wherever applicable, in future.

Thereafter, Qualifications from various Submitting Bodies were presented to the Committee for approval. The following general decisions with regard to Qualifications and the process of scrutinization were taken –

- i. For standardization of Qualifications during scrutinization, NSQC suggested that NSDA may take following points into consideration and work towards the same:
 - NSQC suggested that long term efforts should be made to bring about alignment between NSQF and education systems. In light of the same, NSQC suggested that a uniform policy

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for using terms such as Diploma, Advanced Diploma, PG Diploma, etc. should be put in place in consultation with AICTE.

AICTE suggested that a distinction could be made between an AICTE approved Diploma and the NSQF Diploma by using different terminology- Diploma (Voc). DG-NSDA informed that some of these issues are being taken up by the Sub-Committee on Academic Qualifications set up by NSDA.

- NSQC observed variance in the number of notional hours in various Qualifications of similar total duration. NSQC was of the view that there should be coherence between the number of hours and total duration of a Qualification. AICTE & MHRD suggested that in the general education system, 1000 hours/ year (32 hours/ week) of coursework is a broad standard. NSQC suggested that NSDA/ NCVET should work towards standardization of notional hours along similar lines in consultation with AICTE & MHRD.
 - Entry requirements should reflect the prior NSQF level, relevant work experience, age and educational requirements.
 - Minimum age shouldn't become an entry barrier unless prescribed by any law and thus minimum age requirements should be made more liberal, wherever possible. The Submitting Bodies should relook at their Qualifications in this light.
- ii. Nomenclature of Qualifications should be standardized either in terms of job role or the Qualification being awarded (for example, in some cases Qualification is referred to as 'Motor Mechanic' whereas as 'Certification in motor mechanics' in others).
- iii. Chairman, NSQC suggested that a mechanism of establishing linkages between skill qualifications and corresponding/ higher educational qualifications, through bridge courses, shall be envisaged (example, Library Assistant could lead to Bachelor of Library Sciences). Such mechanisms should provide for credit transfer possibility for multiple pathways.
- iv. NSQC suggested demarcation of jurisdictional boundaries with respect to Qualifications. Certain higher-level Qualifications which do not directly pertain to "Skill" may be looked after by the education regulators.
- v. NSQC directed NSDA to prepare a format containing parameters for examining Qualifications by Line Ministries.
- vi. Regarding Qualifications prepared by States, NSQC observed that States shall be encouraged to come up with Qualifications which are State/ Region specific. States should adopt existing job roles which have uniform application throughout the country and directed NSDC and all concerned SSCs to develop Qualifications which have national applicability. Moreover, NSDA should discourage such Qualifications from States in the future.

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Decision on Qualifications (Submitting Body wise)

The status of all Qualifications placed for NSQC consideration is at Annexure VI.

- 1) **CSIR – Central Leather Research Institute:** 8 Qualifications of CSIR were approved. NSQC suggested to revisit Qualifications that contain terms such as Diploma, Advanced Diploma, PG Diploma, etc. once a policy/ guideline in this regard is in place.
- 2) **Directorate General of Training (DGT):** Capital goods (7), Health care (1), Management (1), Electronics (1), Power (3), Automotive (4 New, 1 Revised Qualifications)
 - DG-DGT informed NSQC that following corrections will be made to the 18 Qualifications and resubmitted-
 - Number of notional hours
 - Standardization of workshop hours and related list of tools & equipments
 - Name of Qualifications containing the term 'Diploma' will be revised in consultation with AICTE
 - Entry requirements will be modified to include graduates of vocational education at school level, wherever applicable
 - DG-DGT further informed that CITS is being made mandatory for becoming a trainer under DGT ecosystem.
 - Qualification- 'Mechanic Medical Equipment for Hospital and Occupational Health Centre'- was discussed and NSQC directed DGT to hold consultations with MoH&FW; DGT could either adopt MoH&FW Qualification or align its Qualification with that of MoH&FW.
 - NSQC approved-in-principle all 18 Qualifications subject to re-submission by DGT.
- 3) **M/o Environment, Forest & Climate Change:** 1 Qualification was approved. NSQC suggested that MoEF&CC could explore the possibility of lowering the minimum age requirements based on the uptake of the Qualification. If required, they could run a pilot to ascertain its feasibility. DG-DGT suggested that MoEF&CC could work with the Tribal Cooperative Marketing Development Federation of India (TRIFED) for such Qualifications.
- 4) **FDDI:** 7 Qualifications placed for consideration in NSQC were approved.
- 5) **NIELIT:** 60 Qualifications of NIELET were placed for consideration. Of these, 10 were 'new' and 3 revised 'with change' and 47 revised Qualifications 'without change'.

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- NSQC approved extension of review date of 47 'revised Qualifications without change' till December 2020.
 - Of the remaining 13 Qualifications, NSQC approved 3 Qualifications. For 2 Qualifications- Bioinformatics 'O' Level and Bioinformatics 'A' Level, NSQC suggested that these may be sent to MoH&FW for comments, if any. If no comments are received within 3 weeks, these Qualifications will be considered approved.
 - For the remaining 8 Qualifications with nomenclature such as Diploma, Advanced Diploma, PG Diploma, etc. or where the entry requirement was B. Tech/ higher degree, NIELIT was advised to hold consultations with MEITY and AICTE and take a view on such Qualifications. In case no solution is found from these consultations within a month, a special session of NSQC could be called, if required.
- 6) **Ministry of Textiles:** 10 new Qualifications of Ministry of Textiles were approved. 59 revised Qualifications without change were approved.
- 7) **Agriculture SSC:** 37 Qualifications were placed for NSQC consideration
- NSQC was of the view that the term 'preferably' is vague and Submitting Body should consider specifying mandatory minimum education criteria along with preferable/ desirable education requirements to make the Qualification more objective and specific.
 - NSQC approved 30 Qualifications.
 - NSQC conditionally approved the rest 7 Qualifications pointing out that the NSQF levels seemed high & directed that the same may be reviewed and taken up with DG-NSDA for approval.
- 8) **Automotive SSC:** 3 Qualifications placed for NSQC consideration, were approved.
- 9) **Aviation SSC:** 10 Qualifications were placed for NSQC consideration
- Of these 10 Qualifications, 6 were approved by NSQC
 - Some concerns were raised by Dept. of Defense Production with respect to 4 Qualifications (Aerospace Electrician, Aerospace Fuel and Hydraulic Technician, Aerospace Flight Control Technician, Aerospace ECS Technician). With regard to these 4, NSQC directed SSC to share them with Dept. of Defense Production for comments. If the changes suggested by the Dept. of Defense Production are complied with, then the DG-NSDA may take a call on the approval of these Qualifications. However, if the matter is not resolved then it may be escalated to higher authorities.


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- 10) **Construction SSC:** 29 revised files with changes in levels of the Qualifications were placed before NSQC. All 29 Qualifications were approved.
- 11) **Domestic Worker SSC:** 1 Qualification was conditionally approved. NSQC was of the view that the QF should be sent to MoH&FW for comments and if there are no objections, then the Qualification will be deemed to be approved.
- 12) **Electronics SSC:** 6 Qualifications were presented for consideration. NSQC approved 5 Qualifications and conditionally approved the Qualification-EMS Engineer-with a view that the word 'Engineer' should not be used in a Qualification since it leads to misrepresentation. Nomenclature should be accordingly modified and approved at DG-NSDA level.
- 13) **Furniture & Fitting SSC:** 9 New Qualifications were approved by NSQC
- 14) **Green Jobs SSC:** 11 New Qualifications were approved by NSQC
- 15) **Handicraft & Carpet SSC:** 23 New Qualifications were approved by NSQC
- 16) **Healthcare SSC:** 11 New Qualifications were placed for consideration
- NSQC approved 6 Qualifications
 - NSQC conditionally approved the remaining 5 Qualifications in light of objections/ comments from MoH&FW with following observations –
 - i. Central Sterile Service Department Assistant, Geriatric Care Assistant, Healthcare Quality Assurance Manager: NSQC approved these 3 Qualifications subject to compliance with concerns of MoH&FW; MoH&FW to send comments within 3 weeks if not already sent
 - ii. Duty Manager-Patient Relations Services: NSQC level to be revisited by HSSC; final decision to be taken by DG-NSDA
 - iii. Neurophysiology Technology Assistant: if this Qualification is not a part of the proposed 'Allied and HealthCare Professions' Bill, then to be considered approved. MoH&FW to check the same and revert to NSDA with detailed information
- 17) **Instrumentation SSC:** 3 Qualifications were placed for NSQC consideration. NSQC conditionally approved the 3 Qualifications. The Instrumentation SSC was directed to take comments from MEITY, which should revert within 3 weeks. If there are no objections from MEITY, then the 3 Qualifications will be deemed to be approved.
- 18) **IT-ITeS SSC:** 18 New Qualifications were approved by NSQC

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- 19) **Leather SSC:** 7 Revised Qualifications were approved by NSQC
- 20) **Logistics SSC** - 14 New Qualifications were approved by NSQC
- 21) **Management SSC:** 4 New Qualifications were approved by NSQC
- 22) **Media SSC:**
- 12 New and 52 Revised Qualifications of Media SSC were approved
 - NSQC suggested that in future, for relevant Qualifications of media sector, MEITY may be consulted along with MoI&B.
- 23) **Mining SSC:** 1 Qualification placed for consideration was approved by NSQC
- 24) **Power SSC:** 20 New Qualifications placed for consideration were approved by NSQC. 1 Revised Qualification was granted extension till 31st December 2019.
- 25) **Rubber SSC:** 26 Qualifications were approved by NSQC
- 26) **Retail SSC:** 2 Qualifications placed for consideration in NSQC were approved. NSQC directed the Retail SSC to brief the Line Ministry (DIPP) on these Qualifications and about SSC's activities.
- 27) **Textile SSC:** 14 Qualifications of Textile SSC were approved by NSQC
- 28) **Telecom SSC:** 3 Qualifications were placed for consideration. NSQC approved 2 Qualifications and conditionally approved the Qualification- 'Network Engineer'-with a view that the word 'Engineer' should not be used in a Qualification since it leads to misrepresentation. Nomenclature should be accordingly modified.
- 29) **Gems & Jewellery SSC:** 1 New & 5 Revised Qualifications were approved by NSQC
- 30) **ASAP, Kerala:** 1 Healthcare, 1 IT and 3 Media Qualifications were placed for consideration
- NSQC conditionally approved the Qualification- 'Child Care Associate'. The Submitting Body was directed to share the Qualification with MoH&FW for comments. If no objections are received within 3 weeks, the Qualification will be considered approved.
 - NSQC approved 1 Qualification (IT sector) & directed DG-NSDA to revisit NSQF level
 - 3 Qualifications (media sector) were approved
- 31) **HKCL, Haryana:** 17 Qualifications (Media- 2, Management-2, BFSI-2, IT-11) of HKCL were approved by NSQC



- 32) **HARTRON, Haryana:** 10 Qualifications (IT sector) submitted by HARTRON were approved by NSQC
- 33) **State Labour Institute, West Bengal:** 2 Qualifications submitted by the State Labour Institute, West Bengal were approved by NSQC
- 34) **AMTZ:** 5 Qualifications submitted by the Andhra Pradesh Med Tech Zone (AMTZ) were approved by NSQC

Agenda Item XI: Qualifications of Logistics SSC: Approved in 21st NSQC

- NSQC was informed that NSQC in its 21st meeting had approved-in-principle 24 Qualifications of Logistics sector with the condition that M/o Commerce would hold stakeholder consultations for validation of these Qualifications.
- The M/o Commerce (Logistics Division) has held three consultations regarding the same and the notional hours been increased from base level post these consultations.
- NSQC noted the same and approved the Qualifications.


(Vinita Aggarwal)

Director General, NSDA

DG, NSDA

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Annexure- I**List of Participants****National Skills Qualifications Committee**

1.	Shri. K. P. Krishnan, Chairman, NSDA & Secretary, MSDE	Chair
2.	Ms. Vinita Aggarwal, Director General, NSDA	Member-Secretary
3.	Ms. Juthika Patankar, Additional Secretary, MSDE	Member
4.	Shri. Rajesh Aggarwal, Director General, DGT, Ministry	Member
5.	Ms. Suhasini Gotmare, Director, D/O HE, MHRD	Member
6.	Shri. P.P. Gupta, Director, D/O SE&L, MHRD	Member
7.	Shri. M.K. Gupta, Director (SD&E), NITI Aayog	Member
8.	Ms. Shikha Anand, Director, MoLE	Member
9.	Shri. Krishna Mohan Uppu, Special Secretary, LESDE, Mizoram	Member
10.	Shri. Reghu G. Director, Technical Education & Training, Odisha	Member
11.	Shri. Deepak P. Makwana, Asst. Director, SSDM, Gujarat	Member

NSDA Officials

1. Shri G. Vijayaraghavan, Director
2. Ms. Sandhya Salwan, Director
3. Shri. R. K. Chugh, Chief Consultant
4. Shri Shourya Sangam, Principal Consultant
5. Ms. Sarika Dixit, Consultant
6. Ms. Vasundhara Bhargava, Consultant
7. Ms. Tanavi Singh, Consultant
8. Ms. Deepali, Consultant
9. Shri. Paritosh Gupta, Consultant
10. Shri. Abhishek Bharadwaj, Research Analyst
11. Shri. Manish Kumar, Research Analyst

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Sectoral Representatives, Ministries and other bodies

S. No.	Name	Designation	Ministry/ Organization
1.	Shri Anant Swarop	Joint Secretary	Dept. of Commerce
2.	Ms. Sukriti Likhi	Joint Secretary	Dept. of Heavy Industries
3.	Ms. Keerthishree. G	Assistant Secretary	MSDE
4.	Shri A. Chandrashekhra	Director/ Aircraft	DGAQA, Dept. of Defence Production, Ministry of Defence
5.	Shri Kartikey Dhandra	Director (LAB)	Textiles committee, Ministry of Textiles
6.	Shri Chirag Dhangra	Quality Assurance Officer	Textiles committee, Ministry of Textiles
7.	Dr. P. C. Pant	Scientist / Sr. Director	MNRE
8.	Lt. Col Kailash Bansal	Director	AICTE
9.	Shri R.K. Gupta	Director	MSDE
10.	Shri B.K. Nigam	Training officer	CSTARI
11.	Shri C.S. Murthy	Joint Director	CSTARI
12.	Ms. Renuka kumar	Director	Ministry of Power
13.	Shri Rajendra Singh	Deputy Secretary	M/o I&B
14.	Ms. Mriganka S Sarma	Education officer	UGC
15.	Shri Vivek kumar	Assistant officer	MOEF & CC
16.	Shri Yogesh Kumar Maurya	Director	DoT
17.	Ms. Urmila	Jt. Director	MoEF & CC
18.	Ms. Shivangini Kardave	Lead Consultant	MoHFW
19.	Shri Umesh Kumar Ram	Deputy Director	DoSJE
20.	Dr. Prashant Dharmarajan	Ayush Subsector Skill Coun Coordinator & Asst Prof.	Ministry of Ayush, AIIA- New Delhi
21.	Shri Surendra Singh	Scientist D	Ministry of Electronics and IT
22.	Shri A. K. Gupta	Deputy Secretary	M/o Health & Family Welfare
23.	Shri Manoj Aggarwal	Sr. Manager	FDDI
24.	Shri Ajay Aggarwal	Jr. Consultant	FDDI
25.	Shri Sanjeev Gupta	Chief Scientist & Head, CHORD	CLRI
26.	Shri K. Narayan	Managing Director	NBCFDC, DoSJE
27.	Shri U.C. Katara	Chief Engineer	M/o Road Transport & Highways
28.	Ms. Sabeena Methayas	Technical Lead	NSDC
29.	Ms. Deepti Saxena	Head Standards	NSDC
30.	Ms. Gauri Kalra	Senior Consultant	D/o School Education and Literacy, MHRD
31.	Shri Shamim Ara	Deputy Director	M/o Finance
32.	Dr. Prashant Armorikar	Director (Extn. Training)	Department of Agriculture, Corporation & FW, Ministry of Agriculture and FW
33.	Ms. Supriya Devasthah	Director	DPIIT
34.	Shri Lalhsunsanga Hnamte	Director	SSDM, Mizoram
35.	Shri S.M Khalikar	Joint Director	DAC&FW, M/o Agriculture
36.	Dr. Gagan Preet Kaur	Urban Skilling Specialist	M/o Housing and Urban Affairs
37.	Shri Ganesh Kumar	National Mission Manager (Skills)	M/o Housing and Urban Affairs
38.	Shri Rajneesh K. Asthana	Jt. Director	NIELIT
39.	Shri Pratap Kumar. S	Addl. Director	NIELIT
40.	Shri Jatin Kumar. S	Asst. Manager	FDDI
41.	Shri Prashant Kr Saxena	Sr. Faculty	FDDI
42.	Shri Anoop Kumar	Asst. Director	M/o MSME
43.	Shri Pradeep Kr. Anand	Director	M/o F&AHD
44.	Shri Pranshu Agarwal	Deputy Manager	NHAI, MoRTH

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45.	Shri Pramendra Sinha	H.P.O	O/o DC (Handicrafts), M/o Textiles
46.	Shri Nandan Singh Bisht	Asst. Director	O/o DC (Handicrafts), M/o Textiles
47.	Shri Piyush Kr Sinha	G.M	H.A.L
48.	Shri Satyen Lama	Director	O/o Development Commission – MSME
49.	Shri Sapan Barua	AGM	National SCs Finance & Dev Corp, M/o Social Justice and Empowerment
50.	Shri C. Ramesh Rao	G.M	NSFDC
51.	Ms. Rekha Menon	Head-Education	NSDC
52.	Sushil Lakra	Consultant	Dept. of Heavy Industries
53.	Dr. Biswajit Saha	Director	CBSE
54.	Shri Naresh Deshmukh	MD & CEO	HKCL
55.	Shri Meghesh Saini	Regional Manager	HKCL
56.	Shri Dhanasekar B	Head Standards & QA	Logistics SSC
57.	Shri Vigilkumar	Head IT	ASAP, Kerala
58.	Dr. Jai Kiran K.P.	Head- Curriculum	ASAP, Kerala
59.	Shri Rajesh Rathnam	CEO	Leather SSC
60.	Ms. Sunita Mukherjee	Director	State Labour Institute, Kolkata
61.	Shri Sabhyasachi Mukopadhyay	Jr. Director of Boilers	Directorate of Boilers, Govt. of WB
62.	Shri Soumen Chakrabarti	Jr. Director of Boilers	Directorate of Boilers, Govt. of WB
63.	Shri Prabir Ch. Jana	Dy. Director of Boilers	Directorate of Boilers, Govt. of WB
64.	Shri Manoj Agarwal	Sr. Manager	FDDI
65.	Maj. General Manik Sabharwal	CEO	DWSSC
66.	Shri Pradeep Bajaj	Head R&P	DWSSC
67.	Shri Shikher Saxena	Sr. Manager	MEPSC
68.	Col. Anil Kumar Pokhriyal	CEO	MEPSC
69.	Ms. Priyanka Prakash	Sr. Manager- Standards/QA	ASCI
70.	Ms. Richie Gupta	Manager- Operations	ASDC
71.	Shri Chetan S.	Manager-SAC	AASSC
72.	Ms. Garima Jhamb	Sr. Associate- Standards/QA	ASDC
73.	Shri Rajesh Deswal	Project Manager	HARTRON
74.	Shri Vikas Panwar	System Analyst	HARTRON
75.	Ms. Chhavi Verma	Programmer	HARTRON
76.	Ms. Manisha Bhadani	Programmer	HARTRON
77.	Shri Sumit Kr. Sinha	Dy. Manager, Standards	Telecom SSC
78.	Shri Shiv Kumar Pandey	Sr. Manager	TSSC
79.	Shri Kiran H. Padture	General Manager	GJSCI
80.	Ms. Shefali K. Parab	Standards SQR Manager	GJSCI
81.	Shri Sameer Narasapur	Head, Standards & QA	RASCI
82.	Shri Bikram Sahu	Head- Content Dev.	SCMS
83.	Shri Ravindra Singh	COD	SCMS
84.	Shri A.K. Bhagat	Head (R&M)	PSSC
85.	Shri Amar Pattanayak	Asst. Manager	Power Sector Skill Council
86.	Shri Vinod Behari	CEO	Power Sector Skill Council
87.	Ms. Meghna Mishra	CEO	Rubber Skill Development Council
88.	Shri Vigneshraja	Manager, Technical	Textile SSC
89.	Dr. Swapna Mishra	Director (C&T)	Textile SSC
90.	Ms. Shilpa Adlakhe	Manager	RSDC SSC
91.	Shri Bhai Lal	CE (HRD)	CEA
92.	Dr. T C Saravanabowa	Head- Apprenticeship	LSC
93.	Capt. Ramanujam	CEO	LSC
94.	Shri C. B. Sinha	VP, Standards & QA	Media & Entertainment SSC
95.	Ms. Anshu Verma	Sr. Manager	HSSC
96.	Dr. Anita Singh	Sr. Director	HSSC
97.	Dr. Megha Aggarwal	Sr. Manager	HSSC

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98.	Dr. Niharika Nigam	Head S&QA	Skill Council For PWD
99.	Shri Gurpal Singh	CEO	FFSC
100.	Shri Rahul Mehta	COO	FFSC
101.	Shri Shrikanth Sasi	Manager - Taskforce	FFSC
102.	Shri Tanmay Bishnoi	Head- Standards & Research	SCGJ
103.	Shri K. Ramchandran	Head-Content	LSSC
104.	Shri D. P. Makwana	Asst. Director	GSDM
105.	Shri Anup K. Srivastava	CEO	SCPWD
106.	Shri N. Naresh Kumar	Technical Officer	AMTZ
107.	Dr. Jitender Sharma	MD & CEO	AMTZ
108.	Shri Nitin	VP	AMTZ
109.	Shri Ramkrishan	SM	AMTZ
110.	Shri Ashish Jain	CEO	Healthcare SSC
111.	Shri P.S. Gupta	VP	ASCI
112.	Shri Keshava	Pr. Scientist	ICAR/ DARE
113.	Shri Rajeev Khurana	Sr. Advisor	Maruti Suzuki India Ltd.
114.	Ms. Neha Sharma	Manager	Maruti Suzuki India Ltd.
115.	Shri S. N. Verma	Sr. Trainer	Maruti Suzuki India Ltd.
116.	Shri Aakash Ranjan	Manager - Standards	CSDCI
117.	Ms. Jancy Mathew	GM, Standards	CSDCI
118.	Ms. Divya Gupta	Solutions Lead	NASSCOM
119.	Dr. Sandhya Chintala	Executive Director	NASSCOM
120.	Shri S. M. Khalikar	Joint Director	Ministry of Agriculture (DAC&FW)
121.	Shri Nishu Kaushik	Sr. Ex. Standards & QA	SCPWD
122.	Shri Ajay Bhushan	Officiating CEO	IASC – SSC
123.	Shri S.K. Bardhan	Head – SQA	IASC - SSC
124.	Shri Varun Bhatia	GM - Standards	ESSCI
125.	Shri Aman Dubey	Sr. Executive – Standards	ESSCI
126.	Shri Krishan Kumar	CEO	HCSSC
127.	Ms. Jassi Dimple	Head – Design & Delivery	PROGILENCE
128.	Ms. Zainab Amal	Executive – Research and Co	PROGILENCE
129.	Shri Arpanesh Mani	V. P.	Media & Entertainment SSC

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Annexure-II**Sectoral distribution of 1613 Qualifications that are NSQF aligned and require extension of Review Date**

S. No.	Sector	QPs Require Extension of Next Review Date	Extension till 30 th June 2020	Extension till 31 st March 2020
			QPs Used in CSCM/CSSM PMKVY/Non-PMKVY scheme	QPs not used in PMKVY/Non-PMKVY Schemes
1.	Agriculture	72	14	58
2.	Apparels	45	24	21
3.	Automotive	195	32	163
4.	Aviation & Aerospace	25	15	10
5.	Beauty & Wellness	8	5	3
6.	BFSI	4	1	3
7.	Capital Goods	55	9	46
8.	Coating & Painting	18	6	12
9.	Construction	95	39	56
10.	Electronics & Hardware	147	21	126
11.	Food Processing	38	16	22
12.	Gems & Jewellery	81	56	25
13.	Green Jobs	6	3	3
14.	Handicrafts and Carpet	44	29	15
15.	Healthcare	26	17	9
16.	Infrastructure Equipment	27	18	9
17.	Iron & Steel	42	16	26
18.	IT-ITeS	74	12	62
19.	Leather	50	17	33
20.	Life Sciences	61	24	37
21.	Logistics	34	13	21
22.	Media	50	36	14
23.	Mining	40	12	28
24.	Oil & Gas	12	4	8
25.	Plumbing	25	4	21
26.	Power	11	8	3
27.	Retail	9	8	1
28.	Rubber	155	27	128
29.	Telecom	35	16	19
30.	Textiles & Handlooms	67	25	42
31.	Tourism & Hospitality	62	34	28
Grand Total		1613	561	1052

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Annexure-III

Sector-wise breakup of Qualifications approved for SVSU (Complete list will be available on NSDA website)

S. No.	Sector	# of QFs	Developer of Qualification
1.	Aerospace & Aviation	71	Aerospace and Aviation SSC
2.	Agriculture	173	Agriculture SSC
3.	Apparel/ Home Furnishing	45	Apparel/ Home Furnishing SSC
4.	Automotive	197	Automotive SSC
5.	Beauty & Wellness	6	Beauty & Wellness SSC
6.	BFSI	31	BFSI SSC
7.	Capital Goods	56	Capital Goods SSC
8.	Construction	98	Construction SSC
9.	Electronics & Hardware	161	Electronics Sector Skill Council
10.	Food Processing	49	FICSI
11.	Furniture & Fittings	2	FFSC
12.	Green Jobs	49	SCGJ
13.	Handicrafts & Carpets	4	Handicrafts & Carpet SSC
14.	Healthcare	40	Healthcare SSC
15.	Hydrocarbon	1	Hydrocarbon SSC
16.	Infrastructure Equipment	35	IESC India
17.	Instrumentation, Automation, Surveillance and Communication	8	Instrumentation, Automation, Surveillance & Communication Sector Skill Council IASC
18.	IT-ITES	113	IT-ITeS SSC
19.	Iron & Steel	49	Iron & Steel SSC
20.	ICT	2	ICT SSC
21.	Leather	52	Leather SSC
22.	Logistics	85	Logistics SSC
23.	Management & Entrepreneurship	34	Management SSC
24.	Media & Entertainment	65	Media SSC
25.	Plumbing	25	Plumbing SSC
26.	Retail	19	Retail SSC
27.	Rubber	1	Rubber SSC
28.	Sports	6	Sports SSC
29.	Strategic Manufacturing	12	Strategic Manufacturing SSC
30.	Telecom	47	TSSC Telecom Sector Skill Council
31.	Textile & Handlooms	94	Textile Sector Skill Council
32.	Tourism & Hospitality	129	Tourism & Hospitality Skill Council
	Total	1759	

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Annexure-IV**Qualifications approved for NPTI (Details will also be available on NSDA website)**

Sector: Power			
S. No.	Qualification	Level	Awarding Body
1.	Assistant-Electricity-Meter-Reader-Billing-and-Cash-Collector	3	PSSC
2.	Assistant-GIS-Mapping-Power-Distribution	3	PSSC
3.	Assistant Technician -Street Light Installation & Maintenance	3	PSSC
4.	ATS - POWER ELECTRICIAN	5	NCVT
5.	Attendant Sub-Station (66/11, 33/11 KV)	3	PSSC
6.	Cable Jointer (ATS)	5	DGT
7.	Cable Jointer Electrical Power System	4	PSSC
8.	Consumer Energy Meter Technician	3	PSSC
9.	Distribution Lineman	4	PSSC
10.	Electrical Winder	2	Concerned department of the respective State/UT Govt./ NCVT
11.	Electrician (CTS)	5	DGT
12.	Electrician Domestic	2	Concerned department of the respective State/UT Govt./ NCVT
13.	Electrician Domestic Solutions	3	PSSC
14.	Electrician Industrial	3	NCVT
15.	Electrician (Steel Plant) (ATS)	5	DGT
16.	Electrician Transmission Line	2	NCVT
17.	Engineer – Power Distribution	6	PSSC
18.	Junior Engineer (JE) -Power Distribution	5	PSSC
19.	Lineman (ATS)	5	DGT
20.	Lineman Construction-Distribution	4	PSSC
21.	Lineman Distribution (Multi- Skilled)	4	PSSC
22.	Mechanic (HT, LT Equipments and Cable Jointing) (ATS)	5	DGT
23.	Power Electrician (ATS)	5	DGT
24.	Senior Lineman-Distribution	5	PSSC
25.	Steam Turbine Cum Auxiliary Plant Operator (ATS)	5	DGT
26.	Technical Helper (Distribution)	2	PSSC
27.	Technician- Distribution Transformer Repair	4	PSSC
28.	Wireman (ATS)	5	DGT
29.	Wireman (CTS)	4	DGT

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Sector: Renewable Energy (within Environment Science)			
1.	Solar PV Installer - Civil	4	SCGJ
2.	Solar PV Installer (Suryamitra)	4	SCGJ
3.	CTS- Solar PV Installer - Electrical	4	CTS-NCVT
4.	Solar Electric System Installer and Service Provider	3	NCVT
5.	Rooftop Solar Grid Engineer	5	SCGJ
6.	Solar Proposal Evaluation Specialist	7	SCGJ
7.	Solar-LED Lighting Product (Design and Manufacturing)	4	NIELET
8.	MES - Solar PV Technician	3	MES-NCVT
9.	Manufacturing Assistant – Solar Hot water System	3	MES-NCVT
10.	MES - Solar Hot Water System Installation and Service Technician	3	MES-NCVT
11.	CTS- Solar Technician Electrical	4	CTS-NCVT
12.	Solar PV Business Development Executive	5	SCGJ
13.	Solar PV structural Design engineer	5	SCGJ
14.	Solar PV designer	7	SCGJ
15.	Solar PV Project Helper	2	SCGJ
16.	Solar PV Engineer (option: Water pumping System)	5	SCGJ
17.	Solar PV project manager (E & C)	7	SCGJ
18.	Solar PV Maintenance Technician- Electrical (Ground Mount)	4	SCGJ
19.	Solar PV Maintenance Technician-Civil (Ground Mount)	4	SCGJ
20.	Solar Lightening Technician (Options: Home lightening system/ Street light)	4	SCGJ
21.	Solar PV Manufacturing Technician	4	SCGJ
22.	Recyclable Waste Collector and Segregator	4	SCGJ
23.	SafaiKaramchari	3	SCGJ
24.	Waste Picker	3	SCGJ
25.	Wastewater treatment Plant Helper	4	SCGJ
26.	Wastewater treatment Plant Technician	4	SCGJ
27.	Solar power plant installation, Operation and maintenance, petty contractor, solar product retailer	5	MoEF&CC
28.	Certificate Course in: Sustain and enhance technical knowledge in Solar Energy System	5	MoEF&CC
29.	Certificate Course on Laboratory Technicians for energy efficiency, star labeling and other electrical testing for environmental criteria	6	MoEF & CC
30.	Solar PV System Installation Engineer	5	ESSC
31.	Solar & LED Technician (Electronics)	4	ESSC


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Annexure-V**Withdrawal of 17 DGT Qualifications from NQR**

S. No.	Sector
1.	Attendant Operator (Chemical Plant)
2.	Cosmetology
3.	Draughtsman (Mechanical)
4.	Electrician
5.	Electronics Mechanic
6.	Fitter
7.	Machinist
8.	Mechanic Auto Body Painting
9.	Mechanic Auto Body Repair
10.	Mechanic Diesel
11.	Mechanic Motor Vehicle
12.	Plumber
13.	Mechanic Refrigeration and Air-conditioning
14.	TDM (Press Tool, Jigs & Fixture)
15.	Tool and Die Maker (Dies and Moulds)
16.	Turner
17.	Welder



Annexure- VIDecision of NSQC on Qualifications**1) Central Leather Research Institute**

S. No.	Qualification File	Level	NSQC Decision
1.	Diploma in Leather Processing	5	Approved
2.	Diploma in Leather Garments Manufacture	5	Approved
3.	Diploma in Leather Goods Manufacture	5	Approved
4.	Post Graduate Diploma in Leather Technology	7	Approved
5.	Short Term Executive Skill Development Program in Leather Processing	6	Approved
6.	Short Term Executive Skill Development Program in Leather Goods Manufacture	6	Approved
7.	Short Term Executive Skill Development Program in Leather Garments Manufacture	6	Approved
8.	Leather Goods Table Work Operator	4	Approved

2) Directorate General of Training (DGT)

S. No.	Qualification File	Level	NSQC Decision
Capital Goods			
1.	Mechanic Maintenance	5	Approved*
2.	Mechanic Advanced Machine Tool Maintenance	5	Approved*
3.	Operator cum Mechanic Pollution Control Equipment	5	Approved*
4.	Quality Assurance Assistant	5	Approved*
5.	Technician Fabricator	5	Approved*
6.	Diploma in Welding Technology	6	Approved*
7.	Automotive Manufacturing	5	Approved*
Healthcare			
1.	Mechanic Medical Equipment for Hospital and Occupational Health Centre	5	Approved*
Management			
1.	Library Assistant (ATS)	4	Approved*
Electronics			
1.	Advanced Technical Diploma in Industrial Electronics & amp; Automation	6	Approved*
Power			
1.	Electrical Mechanic	5	Approved*
2.	Lift Mechanic	5	Approved*
3.	Mechanic Electrical Maintenance (Industrial Automation)	5	Approved*

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Automotive			
1.	Diploma in Automobile Technology	6	Approved*
2.	Automotive Service & Repair Technician	5	Approved*
3.	Automotive Body Painter	4	Approved*
4.	Automotive Body Repairing Technician	4	Approved*
5.	Mechanic Agricultural Machinery (Revised)	5	Approved*

* Subject to resubmission

3) Ministry of Environment, Forest & Climate Change

S. No.	Qualification File	Level	NSQC Decision
1.	Certificate course in Value Addition & Marketing of Non-timber forest products (NTFPs)- (Animal Origin)	4	Approved

4) FDDI

S. No.	Qualification File	Level	NSQC Decision
1.	Toe Lasting Operator - Footwear	2	Approved
2.	Cut Component Passer - Footwear	3	Approved
3.	Shoe Upper Passer - Footwear	3	Approved
4.	Assistant Supervisor Cutting - Footwear	4	Approved
5.	Assistant Supervisor Closing - Footwear	4	Approved
6.	Training of Trainers – Footwear	6	Approved
7.	Training of Trainers - Leather Goods & Garments	6	Approved

5) NIELIT (New Qualifications)

S. No.	Qualification File	Level	NSQC Decision
1	Diploma in Computer Applications, Business Accounting & Multi Lingual DTP	4	Not Approved
2	Diploma in Computer Application (DCA)	5	Not Approved
3	Advanced PG Diploma in Electronic Product Design and Manufacturing	8	Not Approved
4	Certificate course on Internet of Things (IoT) Applications	6	Approved
5	Post Graduate Diploma in Information System Security	8	Not Approved

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6	Post Diploma in Computer Aided Tool Design	6	Not Approved
7	Bioinformatics 'O' Level	5	Conditional Approval
8	Bioinformatics 'A' Level	6	Conditional Approval
9	Certificate Course in ITES BPO, Soft Skills & Communicative English	4	Approved
10	PG Diploma in Data Science & Analytics	8	Not Approved

NIELIT (Revised Qualifications with change)

S. No.	Qualification File	Level	NSQC Decision
1	Certified Data Analyst	6	Approved
2	Advanced Diploma - PLC/SCADA/DCS Engineer	7	Not Approved
3	Post Graduate Diploma in Embedded System Design	8	Not Approved

NIELIT (Qualifications without any change)

S. No.	Qualification File	Level	NSQC Decision
1.	Advance Course in Web Application Development using LAMP.	7	Extension approved (till Dec 2020)
2.	Advanced Diploma in Computer Hardware Maintenance and Networking (CHM – A Level) course	5	
3.	Certificate course in Arduino based Embedded System Design	4	
4.	Advance Diploma in Computer Application Accounting and Publishing	4	
5.	Diploma in Installation & Repair of Consumer Electronics Products	4	
6.	Certified Graphic Designer	5	
7.	O level	5	
8.	A Level	6	
9.	Course on Computer Concepts (CCC)	3	
10.	PG Diploma in IoT	7	
11.	C level	8	
12.	Diploma in Multimedia and Animation Technology (O Level)	5	
13.	Repair & Maintenance of Power Supply, Inverter & UPS	4	
14.	Certified Audio-Visual Designer	5	

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15.	Solar Power Installation, Operation and Maintenance	4	Extension approved (till Dec 2020)
16.	Post Diploma in Electronics Product Design	6	
17.	Certified Android Apps Developer	5	
18.	Certified 2D Animator	5	
19.	Advance Diploma in Hardware, Networking & Information Security [ADHNS]	5	
20.	Certified Multimedia Developer	5	
21.	Certified Course in Web Designing	3	
22.	B level	7	
23.	Certificate Course in PC Assembly & Maintenance	3	
24.	Certificate Course in Linux, Apache, MySQL and PHP	5	
25.	Networking Specialist (NS)	6	
26.	Repair & Maintenance of ECG and ICCU equipments	3	
27.	Repair and Maintenance of Imaging Equipment (X-Ray & Ultrasound machine)	3	
28.	Repair & Maintenance of Dental Equipment	3	
29.	Certificate Course in Electronic Product Testing	3	
30.	Assembly & Maintenance of Personal Computer	3	
31.	Solar-LED Lighting Product (Design and Manufacturing)	4	
32.	Installation Repair and Maintenance of Home Appliances	4	
33.	Telecom Technician- PC Hardware and Networking	4	
34.	Installation & Maintenance of Photocopiers and Printers	2	
35.	ESM - 1 Electronic Production Technician	4	
36.	Certificate in Robotic Programming and Maintenance	4	
37.	Automation Technology-Basic Level	4	
38.	ESD –1 Electronics Product Design Support Engineer	5	
39.	ESM– 2 Electronic Product Supervisor	5	
40.	3 D Scanning and CNC Routing Engineer (Level 5)	5	
41.	Additive Manufacturing /3D Printing	5	
42.	Automation Technology-Advanced Level	5	
43.	Embedded System Design using 8-bit Microcontrollers	5	
44.	Post Diploma in VLSI Design, Tools and Technology	5	
45.	Diploma in Repair & Maintenance of Industrial Instrumentation & Automation System	5	

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46.	Post Diploma in Repair and Maintenance of Hospital Equipment	5	Extension approved (till Dec 2020)
47.	Certificate course in Office Automation (CCOA)	3	

6) Ministry of Textiles (New Qualifications)

S. No.	Qualification File	Level	NSQC Decision
1.	Vanya Silk Reeling & Spinning Manufacturer	4	Approved
2.	Mulberry Silk Reeling Manufacturer	4	Approved
3.	Silk Weaving Manufacturer	4	Approved
4.	Silk Wet Processing Manufacturer	4	Approved
5.	Surgical Mask Machine Operator*	3	Approved
6.	Sanitary Napkin Machine Operator*	3	Approved
7.	Needle Punch Nonwoven Machine Operator*	3	Approved
8.	Thermal Bonded Nonwoven Machine Operator*	3	Approved
9.	Chemical Bonded Nonwoven Machine Operator*	3	Approved
10.	Textile Coating Machine Operator*	4	Approved

*Additional Qualifications considered

Ministry of Textiles (Revised Qualifications with no changes)

S. No.	Qualification File	Level	NSQC Decision
1.	Blow Room, Carding and Draw Frame Operator	2	Approved
2.	Draw Frame, Lap Former and Combing Machine Operator	2	Approved
3.	Speed Frame Machine Operator cum Doffer	2	Approved
4.	Ring Frame Tenter	2	Approved
5.	Ring Frame Doffer	2	Approved
6.	Open End Spinning Machine Operator	2	Approved
7.	Auto Coner Machine Operator	2	Approved
8.	Yarn Packer	2	Approved
9.	Cone Winding Machine Operator	2	Approved
10.	Propeller Winding Machine Operator	2	Approved
11.	TFO Machine Operator	2	Approved
12.	Powerloom Weaver	2	Approved
13.	Water Jet Loom Weaver	2	Approved
14.	Rapier Loom Weaver	2	Approved
15.	Airjet Loom Weaver	2	Approved
16.	Projectile Loom Weaver	2	Approved
17.	Warping Machine Operator	2	Approved
18.	Sectional Warping Machine Operator	2	Approved
19.	Sizing Machine Operator	2	Approved
20.	Size Mixer Machine Operator	2	Approved
21.	Circular Knitting Machine Operator	2	Approved
22.	Warp Knitting Machine Operator	2	Approved

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23.	Embroidery Machine Operator	2	Approved
24.	Fuser & Ironer	2	Approved
25.	Computer Embroidery Machine Operator	3	Approved
26.	Garment Checker	2	Approved
27.	CAD Operator	3	Approved
28.	Sewing Machine Operator	2	Approved
29.	Pattern Maker	2	Approved
30.	Fabric Checker	2	Approved
31.	Fabric Cutter	2	Approved
32.	Overlock & Flatlock Machine Operator	2	Approved
33.	Sewing Machine Mechanic	3	Approved
34.	HTHP Cheese Dyeing Machine Operator	2	Approved
35.	Singeing Machine Operator	2	Approved
36.	Desizing Machine Operator	2	Approved
37.	Continuous Bleaching Range Machine Operator	2	Approved
38.	Mercerizing Machine Operator	2	Approved
39.	Jigger Machine Operator	2	Approved
40.	Stenter Machine Operator	2	Approved
41.	Calendering Machine Operator	2	Approved
42.	Zero Zero Finishing Machine Operator	2	Approved
43.	Winch Dyeing Machine Operator	2	Approved
44.	Soft Flow Dyeing Machine Operator	2	Approved
45.	Compacting Machine Operator	2	Approved
46.	Washing operator	2	Approved
47.	Handloom Weaver (Frame Loom	2	Approved
48.	Hand Dyeing Operator	2	Approved
49.	Hand Block Printing	2	Approved
50.	Dobby Handloom Weaver	2	Approved
51.	Jacquard Handloom Weaver	2	Approved
52.	Electroplating and Effluent Treatment	2	Approved
53.	Basic Art of Engraving	2	Approved
54.	Lacquering and Painting	2	Approved
55.	Packaging	2	Approved
56.	Powder Coating	2	Approved
57.	Quality Control	2	Approved
58.	Computer Aided Design	2	Approved
59.	Welding and Soldering	2	Approved

7) Agriculture SSC

S. No.	Qualification File	Level	NSQC Decision
1.	Jute and Mesta Cultivator	4	Approved
2.	Farm Worker	3	Approved
3.	Orchard Worker	3	Approved
4.	Farm Supervisor	5	Approved

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5.	Farm Manager	7	Conditional Approval
6.	Horticulture Supervisor	5	Approved
7.	Temperate Fruit Grower	4	Approved
8.	Vineyard Grower	4	Approved
9.	Vineyard Worker	3	Approved
10.	Gardener cum Nursery Raiser	4	Approved
11.	Heritage Gardener	5	Approved
12.	Essential Oil Extractor	3	Approved
13.	Ripening Chamber Operator	4	Approved
14.	Cold Storage Supervisor	5	Approved
15.	Cold Storage Manager	7	Conditional Approval
16.	Cold Store Keeper	5	Approved
17.	CA Store Technician	5	Approved
18.	Agri Research Analyst	7	Conditional Approval
19.	Agri Commodity Quality Assayer	5	Approved
20.	Risk Analyst Manager-Agri Commodity	7	Conditional Approval
21.	Agri Commodity Procurement Manager	6	Conditional Approval
22.	Electronic Trading Supervisor-Agri Commodity	5	Approved
23.	Commodity Account Manager	5	Approved
24.	Produce Mapping Surveyor	5	Approved
25.	Agri Commodity Fumigation Operator	4	Approved
26.	Agri Warehouse Supervisor	5	Approved
27.	Timber Grower	4	Approved
28.	Lac Cultivator	4	Approved
29.	Agri-Clinic & Agri-Business Centre Manager	7	Conditional Approval
30.	Institution Development Manager	6	Conditional Approval
31.	Stud Farm Worker	3	Approved
32.	Assistant Equine Breeder	6	Approved
33.	Equine Farrier	4	Approved
34.	Horse Trainer	5	Approved
35.	Equine Groom	4	Approved
36.	Goat Farmer	4	Approved
37.	Piggery Farmer	4	Approved

8) Automotive SSC (ASDC)

S. No.	Qualification File	Level	NSQC Decision
1.	Highway Toll Channelizer	2	Approved
2.	Highway Toll Attendant	3	Approved
3.	Highway Toll Collector	4	Approved

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9) Aviation SSC

S. No.	Qualification File	Level	NSQC Decision
1.	Aerospace Electrician	3	Conditional Approval
2.	Aerospace Fuel and Hydraulic Technician	4	Conditional Approval
3.	Aerospace Finishing Process Technician	3	Approved
4.	Aerospace ECS Technician	4	Conditional Approval
5.	Aerospace Flight Control Technician	4	Conditional Approval
6.	Aerospace Forging Technician	3	Approved
7.	Aerospace Foundry Technician	3	Approved
8.	Aerospace Pipe Bending and Fitting Technician	3	Approved
9.	Aerospace Plastics Forming Technician	3	Approved
10.	Aerospace Tool & Die Technician	4	Approved

10) Construction SSC (Revised Qualifications)

S. No.	Qualification File	Level	NSQC Decision
1.	Helper Mason	2	Approved
2.	Assistant Mason	3	Approved
3.	Mason Concrete	4	Approved
4.	Helper Bar Bender and Steel Fixer	2	Approved
5.	Assistant Bar Bender and Steel Fixer	3	Approved
6.	Helper Shuttering Carpenter	2	Approved
7.	Assistant Shuttering Carpenter	3	Approved
8.	Assistant Scaffolder -system	3	Approved
9.	Assistant Scaffolder-conventional	3	Approved
10.	Helper Construction Painter	2	Approved
11.	Assistant Construction Painter & Decorator	3	Approved
12.	Construction Painter & Decorator	4	Approved
13.	Structural Steel NDT Tester (DPT/MPT/UT)	4	Approved
14.	Khalasi (Assistant Rigger)	3	Approved
15.	Rigger - Structural Erection	4	Approved
16.	Rigger - Precast Erection	4	Approved
17.	Helper Fabrication	2	Approved
18.	Assistant construction Fitter	3	Approved
19.	Grinder- Construction	3	Approved
20.	Construction Fitter	4	Approved
21.	Assistant Technician - Prestress	3	Approved
22.	Helper Interior Finishes	2	Approved
23.	Helper Façade Installer	2	Approved
24.	Assistant False Ceiling and Drywall Installer	3	Approved
25.	Assistant Façade Installer	3	Approved
26.	Doors & Windows Fixer	4	Approved
27.	Façade Installer	4	Approved
28.	False Ceiling & Dry Wall Installer	4	Approved
29.	Store Assistant -Construction	3	Approved

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11) Domestic Workers SSC

S. No.	Qualification File	Level	NSQC Decision
1	Caregiver – Persons with Disabilities (Non-Clinical)	4	Conditional Approval

12) Electronics SSC


S. No.	Qualification File	Level	NSQC Decision
1	HVAC Technician	4	Approved
2	EMS Engineer	6	Conditional Approval
3	EMS Technician	4	Approved
4	Embedded Full Stack IoT Analyst	5	Approved
5	IoT Hardware Analyst	5	Approved
6	Embedded Product Designer - Technical Lead	6	Approved

13) Furniture & Fittings Skill Council (FFSC)

S. No.	Qualification File	Level	NSQC Decision
1.	Lead Furniture Maker - Bamboo (Option: Round Bamboo Furniture Maker)	4	Approved
2.	Cane Seat Weaver	3	Approved
3.	Machine Operator- Bamboo Slivering	3	Approved
4.	Finisher – Bamboo Furniture (Option: Wood and Metal)	3	Approved
5.	Bent Laminated Furniture Maker	3	Approved
6.	Junior Assistant- Door Installation	2	Approved
7.	Installer – Frameless Glass Doors/ Windows (Option: Installer- Framed Doors/ Windows)	4	Approved
8.	Delivery & Installation Executive- Furniture & Fittings	4	Approved
9.	Design Supervisor Wooden/ Modular Furniture	5	Approved

14) Green Jobs SSC

S. No.	Qualification File	Level	NSQC Decision
1.	Agri-residue Aggregator	4	Approved
2.	Animal Waste Manure Aggregator (Option: Biogas Plant Operator/Compost Plant Operator)	4	Approved
3.	Biomass Depot Operator	4	Approved
4.	Manager- Waste Management (Elective: Biomass Depot/Compost Yard/Dry Waste Center)	6	Approved


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5.	Septic Tank Technician	4	Approved
6.	Desludging Operator	4	Approved
7.	Faecal Sludge Treatment Plant O&M Technician	4	Approved
8.	Improved Cookstove Installer	4	Approved
9.	Portable Improved Cookstove Assembler	3	Approved
10.	Portable Improved Cookstove Sales & Maintenance Executive	4	Approved
11.	Portable Improved Cookstove Distributor	6	Approved

15) Handicraft & Carpet SSC

S. No.	Qualification File	Level	NSQC Decision
1.	Hand Block Printer	4	Approved
2.	Appliqué Artisan	4	Approved
3.	CAD Designer for Carpets	5	Approved
4.	Jute Yarn Hank Dyer	4	Approved
5.	Jute Handloom Weaver	4	Approved
6.	Jute Screen Printer	4	Approved
7.	Shade Supervisor	4	Approved
8.	Loom Supervisor – Knotted Carpet	5	Approved
9.	Quality Supervisor (Carpets)	5	Approved
10.	Washer (Carpets)	3	Approved
11.	Latexing Man (Carpets)	3	Approved
12.	Lacquerer (Woodware)	4	Approved
13.	Finisher (Woodware)	4	Approved
14.	Assembly Machine Operator (Woodware)	4	Approved
15.	Seasoning and Chemical Treatment Assistant (Woodware)	3	Approved
16.	Designer (Woodware Products)	5	Approved
17.	Polisher (Metalware)	4	Approved
18.	Etching Artisan (Metalware)	4	Approved
19.	Embossing Artisan (Metalware)	4	Approved
20.	Paper Mache Art Designer	4	Approved
21.	Lacquerer (Paper Mache)	4	Approved
22.	Paper Mache Craft Specialist	4	Approved
23.	Automatic Stick Making M/C Operator	4	Approved

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16) Healthcare SSC

S. No.	Qualification File	Level	NSQC Decision
1.	Patient Relations Associate	5	Approved
2.	Assistant Duty Manager – Patient Relation Services	6	Approved
3.	Duty Manager – Patient Relation Services	7	Conditional Approval
4.	Hospital Front Desk Coordinator	4	Approved
5.	Central Sterile Service Department Assistant	4	Conditional Approval
6.	Geriatric Care Assistant	4	Conditional Approval
7.	General Duty Assistant- Advanced	4	Approved
8.	Healthcare Quality Assurance Manager	6	Conditional Approval
9.	Neurophysiology Technology Assistant	4	Conditional Approval
10.	Yoga Therapy Assistant	4	Approved
11.	Panchakarma Technician*	4	Approved

*Additional Qualifications considered

17) Instrumentation SSC

S. No.	Qualification File	Level	NSQC Decision
1.	Industrial Automation Technician	4	Conditional Approval
2.	Instrumentation Technician (Process Control)	4	Conditional Approval
3.	Installation and Commissioning Technician - Head End	4	Conditional Approval

18) IT-ITeS SSC

S. No.	Qualification File	Level	NSQC Decision
1.	Cloud Consultant	7	Approved
2.	Cloud Architect	7	Approved
3.	Cloud Application Developer	6	Approved
4.	Cloud Infrastructure analyst	6	Approved
5.	Cloud Migration Analyst	6	Approved
6.	Cloud Administrator	6	Approved
7.	Site-Reliability Analyst	6	Approved
8.	Cloud Risk and Compliance Officer	7	Approved
9.	Cloud Security Analyst	6	Approved
10.	IoT - Product Manager	8	Approved
11.	IoT-Solution Architect	7	Approved
12.	IoT - Hardware Solution Designer	6	Approved
13.	IoT - Software Analyst	6	Approved

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14.	IoT – Test Analyst	6	Approved
15.	IoT – Security Specialist	7	Approved
16.	IoT – Network Specialist	7	Approved
17.	IoT – Control Room Operator	5	Approved
18.	IoT – Domain Specialist	8	Approved

19) Leather SSC

S. No.	Qualification File	Level	NSQC Decision
1.	Moulding Operator	4	Approved
2.	Line Supervisor	5	Approved
3.	Post Tanning Machine Operator	4	Approved
4.	Shaving Operator	4	Approved
5.	Wet Operation (Multi Skilled)	2	Approved
6.	Helper Dry Operations	2	Approved
7.	Helper-Finishing Operations	2	Approved

20) Logistics SSC

S. No.	Qualification File	Level	NSQC Decision
1.	Land Transport Supervisor	5	Approved
2.	Warehouse Supervisor	4	Approved
3.	Liquid Transport Operator	4	Approved
4.	Tank farm associate	3	Approved
5.	Tank Farm Supervisor	5	Approved
6.	Tank Farm Manager	6	Approved
7.	Ship and Yard Planning Supervisor	5	Approved
8.	Cargo surveyor	4	Approved
9.	CFS and ICD supervisor	5	Approved
10.	Cargo Handler – Manual	4	Approved
11.	Cargo Equipment Handler	4	Approved
12.	Vessel Operator	3	Approved
13.	Vessel Operator Level 2	4	Approved
14.	Vessel Operator Level 3	5	Approved

21) Management SSC

S. No.	Qualification File	Level	NSQC Decision
1.	Field Executive - Data and Document Collection or Verification	4	Approved
2.	Recruitment Executive – HR	4	Approved
3.	HR Executive – Payroll and Employee Data Management	4	Approved
4.	Office Operations Executive	4	Approved



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22) Media SSC

S. No.	Qualification File	Level	NSQC Decision
New Files			
1.	Community Journalist	4	Approved
2.	Digital Marketing Manager	6	Approved
3.	Social Media Manager	5	Approved
4.	Search Engine Optimization Executive	4	Approved
5.	Search Engine Marketing Executive	4	Approved
6.	Social Media Executive	4	Approved
7.	Music Composer	7	Approved
8.	Music Producer	6	Approved
9.	Music Programmer	5	Approved
10.	Dancer	4	Approved
11.	Actor	3	Approved
12.	Graphic Designer	4	Approved
52 Revised Files with no changes			
1.	Account Director	6	Approved
2.	Account Executive	5	Approved
3.	Advertising Operations Coordinator	4	Approved
4.	Animation Director	6	Approved
5.	Animator	4	Approved
6.	Art Director	5	Approved
7.	Art Director/Set Designer	6	Approved
8.	Assistant Cameraman	4	Approved
9.	Camera Operator	5	Approved
10.	Character Designer	4	Approved
11.	Clean-up Artist	3	Approved
12.	Colour Key Artist	3	Approved
13.	Colourist	4	Approved
14.	Compositor	4	Approved
15.	Director of Photography	7	Approved
16.	Editor	4	Approved
17.	Executive Producer	7	Approved
18.	Hairdresser	4	Approved
19.	Layout Designer	4	Approved
20.	Lighting Artist	4	Approved
21.	Line Producer	6	Approved
22.	Live Action Director	7	Approved
23.	Location Manager	6	Approved
24.	Make-up Artist	4	Approved
25.	Modeller	4	Approved
26.	Production Assistant	4	Approved
27.	Props Master	5	Approved
28.	Prosthetics Artist	5	Approved

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29.	Rendering Artist	4	Approved
30.	Rigging Artist	4	Approved
31.	Roto Artist	4	Approved
32.	Sales Coordinator	4	Approved
33.	Sales Director	7	Approved
34.	Sales Executive	4	Approved
35.	Sales Manager	6	Approved
36.	Script Editor	7	Approved
37.	Script Researcher	5	Approved
38.	Script Writer	6	Approved
39.	Set Carpenter	3	Approved
40.	Set Decorator	5	Approved
41.	Set Painter	3	Approved
42.	Set Plasterer	3	Approved
43.	Sound Assistant	3	Approved
44.	Sound Designer	5	Approved
45.	Sound Editor	4	Approved
46.	Sound Engineer	4	Approved
47.	Storyboard Artist	3	Approved
48.	Texturing Artist	3	Approved
49.	Traffic Coordinator	4	Approved
50.	Unit Production Manager	6	Approved
51.	VFX Editor	4	Approved
52.	Voice Over Artist	4	Approved

23) Mining SSC

S. No.	Qualification File	Level	NSQC Decision
1.	Driver Special Vehicle (Explosive & Sprinkler)	4	Approved

24) Power Sector Skill Council (PSSC)

S. No.	Qualification File	Level	NSQC Decision
1.	Technician Railway Track Electrification	4	Approved
2.	Technical Helper- Thermal Power Generation	2	Approved
3.	Technician - Power System Transmission	4	Approved
4.	Water Treatment Operator - Thermal Power Plant	4	Approved
5.	Supervisor -Street Light Installation and Maintenance	5	Approved
6.	Coal Handling Operator - Thermal Power Plant	4	Approved
7.	Ash Handling Operator - Thermal Power Plant	4	Approved



8.	Technician - Power Substation Erection and Commissioning	4	Approved
9.	Surveyor -Transmission Line	4	Approved
10.	Helper - Power System Transmission	2	Approved
11.	Technician - Transmission Tower Construction	4	Approved
12.	Engineer Power Generation (Thermal)	6	Approved
13.	Engineer- Transmission	6	Approved
14.	Technician Grid Substation- Operation & Maintenance (66/11 KV, 33/11 KV)"	4	Approved
15.	Pipe Fitter (Power Plant)	3	Approved
16.	Millwright Fitter (Power Plant)	4	Approved
17.	Power Plant High Pressure Welder	4	Approved
18.	Electrical Winder	4	Approved
19.	Industrial Electrician	4	Approved
20.	Lineman Distribution	4	Approved
Extension of Date (31st December 2019)			
1.	Lineman Distribution (Multi Skilled)	4	Approved

25) Rubber SSC

S. No.	Qualification File	Level	NSQC Decision
1.	Assembling & Curing Operator-Footwear & Sports Good	4	Approved
2.	Material Handling and Storage Operator	4	Approved
3.	Pre & Post-Tyre Moulding Operator	4	Approved
4.	Rubber Adhesive Fabric Dipping Operator	4	Approved
5.	Rubber Curing Operator	4	Approved
6.	Rubber Extruder Operator	4	Approved
7.	Rubber Pre-Mixing Operator	4	Approved
8.	Rubber Product Finishing Operator	4	Approved
9.	Rubber Product Reclaim Operator	4	Approved
10.	Rubber Tube Extruder Operator	4	Approved
11.	Tyre Fitter - Servicing and Maintenance	4	Approved
12.	Whole Tyre Reclaim Operator	4	Approved
13.	Finishing and Packaging Operator (Latex)	4	Approved
14.	Lab Chemist-Rubber	5	Approved
15.	Latex Dipping Plant Operator	4	Approved
16.	Latex Mixing Operator	4	Approved
17.	Rubber Calendering Operator	4	Approved
18.	Rubber Foaming Machine Operator	4	Approved
19.	Rubber Internal Mixer Operator	4	Approved
20.	Rubber Product-Quality Assurance Supervisor	6	Approved
21.	Solid Tyre Moulding Operator	4	Approved
22.	Tyre Balancing Operator	4	Approved

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23.	Tyre Component Stock Preparation Operator	4	Approved
24.	Tyre Retreading - Building & Curing Operator	4	Approved
25.	Tyre Retreading Inspection and Buffing Operator	4	Approved
26.	Tyre Uniformity Operator	4	Approved

26) Retail SSC (RASCI)

S. No.	Qualification File	Level	NSQC Decision
1.	Retail Associate cum Cashier	3	Approved
2.	Retail Sales Specialist cum Cashier	4	Approved

27) Textile SSC

S. No.	Qualification File	Level	NSQC Decision
1.	Circular Loom operator (Shuttle type)	4	Approved
2.	Tape Plant Operator	4	Approved
3.	Tape Winder	4	Approved
4.	Gill Box Draw Frame Machine Operator - Jute/ Wool	4	Approved
5.	Ginning Helper	2	Approved
6.	Assistant Cotton Grader (Ginning)	3	Approved
7.	Assistant Ginning Fitter	3	Approved
8.	Traditional Bale Press Operator	4	Approved
9.	Kalamkari Artisan	4	Approved
10.	Ikkat Artisan	4	Approved
11.	Twister cum Doubler – Handloom	3	Approved
12.	Hand Operated Knitting Machine Operator (Circular & Flat)	4	Approved
13.	Loin Loom Weaver	4	Approved
14.	Hand Spinning Operator (Traditional Charkha/ New Model Charkha/ Solar Operated New Model Charkha)	3	Approved

28) Telecom SSC

S. No.	Qualification File	Level	NSQC Decision
1.	Network Engineer	4	Conditional Approval
2.	Network Security Technician	4	Approved
3.	Wireless Technician	4	Approved

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29) Gems and Jewelry SSC

S. No.	Qualification File	Level	NSQC Decision
New Qualifications			
1.	Top Polisher - Diamond Processing	3	Approved
Revised Files			
1.	Auto Blocker - Diamond Processing	3	Approved
2.	Blade Sawyer - Diamond Processing	3	Approved
3.	Inclusion Plotter - Diamond Processing	4	Approved
4.	Laser Sawing Machine Operator - Diamond Processing	3	Approved
5.	Spectrum Operator- Diamond Processing	3	Approved

30) ASAP, Kerala

S. No.	Qualification File	Level	NSQC Decision
Healthcare			
1.	Child Care Associate	5	Conditional Approval
IT			
1.	AI-Machine Learning Developer	8	Approved
Media			
1.	Manager Pre-Press	6	Approved
2.	Manager 3D Prototyping	6	Approved
3.	Binding Machine Operator	4	Approved

31) HKCL

S. No.	Qualification File	Level	NSQC Decision
Media			
1.	Photo Editor	3	Approved
2.	Video Editor	3	Approved
Management			
1.	Communication Skills and Soft Skills	3	Approved
2.	E-Office Assistant	3	Approved
BFSI			
1.	Certificate in Advanced Accounting with Tally ERP	4	Approved
2.	Certificate in Financial Accounting with Tally ERP	3	Approved
IT			
1.	Haryana State Certificate in Information Technology (HS-CIT)	3	Approved
2.	Advanced Excel	4	Approved
3.	AutoCAD Designer	4	Approved

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4.	C & C++ Programmer	4	Approved
5.	Graphic Designing	3	Approved
6.	IT Network Support	3	Approved
7.	IT Security Support	3	Approved
8.	Desktop Publishing Using Adobe	3	Approved
9.	Desktop Publishing Using Corel Draw	3	Approved
10.	IT Desktop and hardware Support	3	Approved
11.	Web Designer	3	Approved

32) HARTRON

S. No.	Qualification File	Level	NSQC Decision
1.	Foundation Course in Computer Basics	3	Approved
2.	Certificate Course in Digital Literacy	3	Approved
3.	Diploma in Computer Application	4	Approved
4.	Diploma in Computer Software Plus	4	Approved
5.	Diploma in Computer Sided Financial Accounting	4	Approved
6.	Diploma in Designing and Publishing	4	Approved
7.	Postgraduate Diploma in Computer Application	5	Approved
8.	Diploma in Web Technology	4	Approved
9.	Certificate Course in Computer Basics and Accounting	3	Approved
10.	Certificate Course in Web Designing and Multimedia	3	Approved

33) State Labour Institute, West Bengal

S. No.	Qualification File	Level	NSQC Decision
1.	Boiler Quality High Pressure Welder	3	Approved
2.	Advanced Boiler Quality High Pressure Welder	4	Approved

34) AMTZ

S. No.	Qualification File	Level	NSQC Decision
1.	Certificate in Biomedical Engineering	5	Approved
2.	Certificate in Biomedical Maintenance	6	Approved
3.	Certificate in Biomedical Manufacturing	6	Approved
4.	Certificate in Biomedical Quality Assurance	6	Approved
5.	Certificate in Biomedical Project Management	7	Approved

