

QUALIFICATION FILE – CONTACT DETAILS OF SUBMITTING BODY

Name and address of submitting body:

Skill Council for Persons with Disability
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Name and contact details of individual dealing with the submission

Name: Mr. Ravindra Singh

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List of documents submitted in support of the Qualification File

1. Qualification Pack for Gardener and Model curriculum aligned for Persons with **Low Vision (Visual Impairment)**.
2. QRC approval (Joint observation sheet) on Gardener for Persons with **Low Vision (Visual Impairment)**.
3. Guidelines for Persons with **Low Vision (Visual Impairment)** for Assessors.
4. List of Assistive Tools, Trainer Pre-requisites and Break up of proposed extended hours

QUALIFICATION FILE SUMMARY FOR THE PwD

Qualification Title	Gardener –PwD LV
Qualification code, If any	PWD/AGR/Q0801
Body/ Bodies which will assess candidates	SCPwD affiliated assessment agency
Body/ bodies which will award the certificate for the qualification	Skill Council for Persons with Disability
Body which will accredit providers to offer the qualification	Skill Council for Persons with Disability
National Learning Hours	374
Disability	Low Vision (Visual Impairment)
Entry Requirement	5 th Standard Pass, preferably

Formal Structure of the Qualification

Low Vision (Visual Impairment)				
Title of the unit or other component (Include any identification code used)	Mandatory/ Optional	Estimated size (learning hours)		Level
		Theory	Practical	
Handling touch screen user interface (Bridge Module-PwD)	Mandatory	0	4	
Calling and Messaging (Bridge Module-PwD)	Mandatory	0	3	
Reading books and documents (Bridge Module-PwD)	Mandatory	0	4	
Web browsing and E-mail (Bridge Module-PwD)	Mandatory	0	3	
Other daily use applications (Bridge Module-PwD)	Mandatory	0	4	
Introduction (Bridge Module)	Mandatory	25	13	4
Nursery Management and Propagation of Plant Material (AGR / N0801)	mandatory	30	67	4
Designing of Garden Components (AGR/N0802)	Mandatory	40	80	4
Plantation, Maintenance and Care of Garden (AGR/N0803)	Mandatory	25	53	4
Maintain Health & Safety at the work place (AGR/N9903)	Mandatory	10	13	4
Total		130	244	

ASSESSMENT

Name of Assessment Agency (AA):

If there will be more than one Assessment Agency (AA) for this qualification, give details.

- Aspiring Minds Assessments Private Limited
- Induslynk Training Services Pvt. Ltd. (Mercer - Mettl)
- SP Institute of Workforce Development Pvt Ltd
- Trendsetters Skill Assessors Pvt. Ltd.

The list of Assessment Agencies is not limited to above and can extend basis their empanelment with SCPwD and having certified Assessor for the Job role from Domain SSC as well as SCPwD.

ASSESSMENT PROCESS

NOTE: SCPwD adopts the Criteria of the Domain SSC and Assessment is conducted by the AA's which are approved by the Domain SSC as well as empaneled with SCPwD. SCPwD develops Assessment guidelines for Persons with Blindness, **Low vision (Visual Impairment)**, Speech and Hearing Impairment and Locomotor Disability to assist the assessors during assessment of the candidate. SCPwD conducts Training of Assessors (ToA) and provide them Disability Orientation and Sensitization.

Process followed by SCPwD for assessments:

Being a Horizontal Council, the prerequisites to the assessment process shared by the Domain SSC is followed mandatorily by the Assessment Agencies. Additionally, they must also follow the guidelines of SCPwD. Below is the assessment process in brief:

Pre-Assessment Phase-

1. Batch allocated to the Assessment Agency by SCPwD through Portal/ Email.
2. Assessment Agency to connect with Training Provider and communicate/confirm the date of assessment through email.
3. Assessment Agency to share requisite lab infrastructure & checklist with TP and discuss about the availability through email.
4. Assessment Agency aligns the Assessor for the assessment (Assessor should be Dual Certified by the Domain SSC as well as SCPwD, and the certification should be valid).
5. Prepare the Assessment link, formats and share with the Assessor over an email.
6. Share the Assessment demo link with the Training Partner over an email.

Assessment Phase-

1. The Assessor verifies the identity and disability through Aadhar Card and Disability Certificate and reports to SCPwD in-case of any discrepancy [*In case of J&K and NE Voter ID & Pan Card also allowed for Candidates Identification*].

2. The candidates are briefed on the assessment process (Prior to starting of the assessment).
3. The Assessor verifies the lab equipment's and reports to SCPwD in-case of any variance.
4. Post validation of photo Id proof for each candidate, Attendance of candidate is captured according to the scheme's requirement. i.e., under PMKVY, attendance of the candidates is captured through Aadhar Enabled Assessor Application, however, under other schemes candidates sign the attendance sheet.
5. The candidates attempt the assessment on TAB/Computer System.
6. The Assessor takes the photos and videos of respective activities and complete the documentation formalities.

Post Assessment Phase-

1. The Assessment Agency prepares the result based on responses captured in server.
2. The Assessment Agency shares the result with SCPwD in the prescribed format.

SECTION 2**EVIDENCE OF NEED****What evidence is there that the qualification is needed?**

The Job role has been shortlisted and mapped with **Low Vision (Visual Impairment)**, based on demand from the Industry, Training Partners, Experts and views from the reverent Persons with Low Vision (Visual Impairment) themselves.

What is the estimated uptake of this qualification and what is the basis of this estimate?

Agriculture, with its allied sectors, is the largest source of livelihoods in **India**. 70 percent of its rural households still depend primarily on **agriculture** for their livelihood, with 82 percent of farmers being small and marginal.

The Census 2011 highlighted that, nearly one third of the total Persons with Disability (PwD) are working. At all India level, 36% of the total Persons with Disability are workers. Among the disabled persons who were workers, 31% were agricultural laborer's.

While the total training conducted so far by SCPwD under various schemes for the Job role of Dairy Farmer Cum Entrepreneur is only 2%, but owing to the emerging scope of self-employment, entrepreneurship, various incentives and recent policies of the Government like Agro MSME policies etc., the scope of opportunities in this sector may take a leap.

Experts working in the disability space view agricultural sector as one of the best ways of improving the economic condition of the PwD as they can be engaged in agricultural work, animal rearing, bee keeping, mushroom cultivation, poultry, fish farming, kitchen gardens and nurseries and running shops for selling fertilizer, seeds and other agricultural products.

The entry requirements to the qualification in agriculture is lowest making it easier for a PwD to take up skilling in this Sector. With the use of assistive devices, technology and simple adaptations as well as providing them adequate access to institutional credit and effective agricultural extension services, there can be raise in their income. Since, Persons with Disability form the largest pool of marginalized community, if skilled may contribute to the growing

economy of the nation.

What steps were taken to ensure that the qualification(s) does/do not duplicate already existing or planned qualifications in the NSQF?

Non duplication has been ensured by the Domain SSC.

What arrangements are in place to monitor and review the qualification(s)? What data will be used and at what point will the qualification(s) be revised or updated?

The Qualification Pack for Gardener was adopted based on the industry demand for Persons with Disability. SCPwD develops disability specific Expository which contains expounded information on tools/technology /assistive devise for specific disability. The QP is revised at frequent intervals by Domain SSC, to capture updates in the sector. Similarly, Expository is also reviewed and revised to capture updates on any further development /innovations in the specific disability for facilitating the trainers as well as the assessors in addition to the learners. It may be noted that as and when the Domain SSC revises the QP corresponding adoption and updating is done by SCPwD in the related Job Role.

Annexure 1: QRC approval (Joint observation sheet)

SCPWD / Presenting 18 MCs for 10 QPs

Date August 1, 2018



QRC Members Joint Declaration/Recommendations Sheet

QRC Members: Manik Sabharwal, NK Mohapatra, SS Arya, Meghna Mishra, JV Rao

SSC Representatives: Anup Srivastava, Niharika Nigam

Recommendations	
o	Discussion on broadening the scope and choice of job-roles for SCPWD
o	Discussion on Industry Validation for Expositorys.
o	Discussion on SSC to SCPWD intentions to alter input criteria for PWD candidates.
o	Recommended that a second level of QP+ Expository is shared w/ the Originating SSC to advocate through the originating SSC as well.
o	
Resolutions as Accepted by SSC	
o	Discussion on Training Duration for PWD candidates and the differentiation of hours across disabilities
o	Specify the IT skills as "Accessibility applications" ^{to be specific about the exact computer applications used} Change the nomenclature accordingly. _{terminology} To be specific about the exact computer applications for each Expository especially to define the scope of "IT skills". → Do this specifically in the duration differentiation sheet. Round off the duration P.T.O
Submission Date August 2, 2018	
Approved pending changes & submissions	

Signature of QRC Members and Presenting SSC's CEO

[Signature]
01/08/18

SS Arya
1/08/18

NK Mohapatra
[Signature]

Annexure 2: Guidelines for the assessment of Persons with Low Vision (Visual Impairment)

Common guidelines for assessment of Trainees from all the categories of Disability

- Validate the type of Disability of the candidate along with the original Disability Certificate (Please note: In PMKVY, the batch should not have the candidates with Multiple Disabilities and the Disability type should be same as provided in SDMS).
- Do ask questions openly. Do not assume anything. For example, ask your trainees with disability if they need any change in the kind of assessment setup provided.
- Be prepared to make your assessments person-specific including the practical part too without compromising on the criteria set up by the Domain SSC.
- Provide the candidate with the desired assistive devices which may vary from candidate to candidate.
- Do understand that every trainee with disability has a journey: he/she are likely to have identified solutions that best work for him/her. Do not expect your trainees with disability to go through the same processes with the same rigour as your trainees without disability.
- Remember that your trainees with disability are going to work with persons without disability. Pitying, belittling or lowering the standards would defeat the purpose.
- An extension of 20 minutes per hour is recommended. This can be further increased as per circumstances/ requirement of the candidate (for details please refer to the Examination Guideline developed by MSJE).
- Services of scribe/ writer/ reader/ lab assistant should be allowed to any person who has Disability of 40% or more if so desired by the person.
- General comfort of the candidate should be kept in view inside the assessment room.
- Follow the health/ safety guidelines if any issued by the authorities.

Specific Guidelines:

- When greeting a Person with Low Vision (Visual Impairment), always identify yourself and others who may be with you e.g., “my name is Rohit and on my right is Sushma.”
- When conversing in a group, give a vocal cue by announcing the name of the person to whom you are speaking e.g., “Mary, what do you think about the process.”
- Speak in a normal tone of voice, indicate in advance when you will be moving from one place to another and let it be known when the conversation is at an end.
- Offer a Person with Low Vision (Visual Impairment) the opportunity to take your arm or the elbow, this enables you to guide them rather than propel or lead them.
- Provide detailed, clear and descriptive information.
- Minimize unnecessary noise in the background so that students can hear you speak.
- For computer assessment, the computer must have screen reader software installed for ease of access, and assessment software should be compatible with screen reader and magnifier.
- Visual elements in assessment paper needs to be given with alternate question or description.
- For Persons with Low Vision (Visual Impairment), assessment papers in hard copy should be printed in large font based on the person’s convenience of reading.

NSQF QUALIFICATION FILE

Approved in 4th NSQC Meeting – NCVET – 24th December, 2020

- Labels and signs should be clearly lettered in contrasting colors. It is easiest for most people with Low Vision (Visual Impairment) to read bold white letters on black background.
- For Persons with Low Vision (Visual Impairment), try displaying important information in bold and in larger print; avoid underlining and use of italics and hyphenation.
- Good lighting is important for Persons with Low Vision (Visual Impairment), but it shouldn't be too bright.

Annexure 3: Assistive Tools, Trainer Pre-requisites and Break up of proposed extended hours

List of tools/equipment to conduct the training

Any of the following tools may be used during the training of Persons with Low Vision (Visual Impairment)

- Clear View+ Speech
- ZoomEx,
- Kurzweil,
- ABBY Fine Reader,
- Tesseract
- Non-Visual Desktop Access (NVDA),
- Job Access with Speech (JAWS),
- System Access to Go (SATAGO),
- Voiceover and Talkback

Trainer Qualification:

Minimum Educational Qualifications: Diploma in Agriculture/Horticulture (B.Sc Horticulture Preferable)

In addition to Domain SSC (as above) Disability specific additional requirement for the trainer are:

Disability Specific Top Up module (Visual Impairment): The Inclusive Trainer should be certified by SCPwD with minimum accepted score of 80% as per SCPwD guidelines in Disability Specific Top Up on Visual Impairment / QP of Trainer-PwD. A Diploma in Computer Education (Visual Impairment)-D.C.E. (VI) offered by Rehabilitation Council of India, Ministry of Social Justice and Empowerment is preferred.

Disability specific Experience: For smart phone training one-year experience of training IT skills to Persons with Low Vision (Visual Impairment) is recommended.

Training DurationBreak up of pre training/ foundation course:

S.NO.	MODULE	THEORY (hours)	PRACTICAL (hours)	TOTAL (hours)
1	SMART PHONE TRAINING (18 hours)			
	Handling Touch Screen User Interface	0	4	4
	Calling and Messaging	0	3	3
	Reading Books and Documents	0	4	4
	Web Browsing and E-mail	0	3	3
	Other Daily Use Applications	0	4	4
GRAND TOTAL		0	18	18

- In addition to the above Pre-Training Modules, for each job role, increase of 1/3rd of the total Domain wise practical duration in the training hours has been recommended for Persons with Low Vision (Visual Impairment).
- Total **additional hours** recommended by SCPwD for Gardener are 74 hours.