

QUALIFICATION FILE – CONTACT DETAILS OF SUBMITTING BODY

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List of documents submitted in support of the Qualification File

1. Guidelines for Persons with **Speech and Hearing Impairment** for Assessors.
2. List of Assistive Tools and Trainer Pre-requisites for Persons with **Speech and Hearing Impairment**.

Model Curriculum attached including the following:

- Indicative list of tools/equipment to conduct the training
- Trainers' qualification
- Distribution of training duration into theory/practical/OJT component

QUALIFICATION FILE SUMMARY

1	Qualification Title	Assistant Plumber-General-PwD SHI
2	Qualification Code, if any	PWD/PSC/Q0102
3	NCO code and occupation	NCO-2015/7126.0105
4	Nature and purpose of the qualification (Please specify whether qualification is short term or long term)	This is a short-term Qualification, which will enable participants to take up a challenging career as an Assistant Plumber - General.
5	Body/bodies which will award the qualification	Skill Council for Persons with Disability (SCPwD)
6	Body which will accredit providers to offer courses leading to the qualification	Skill Council for Persons with Disability (SCPwD)
7	Whether accreditation/affiliation norms are already in place or not, if applicable (if yes, attach a copy)	Yes
8	Occupation(s) to which the qualification gives access	Plumbing Systems Installation and Maintenance
9	Job description of the occupation	An Assistant Plumber - General assists the plumber in installation and repair of plumbing fittings and fixtures. The job role holder organizes and hands over tools, clears work area, cuts and bends pipes as per the specified dimensions. The individual also supports the plumber with other tasks as per instructions received.
10	Licensing requirements	N/A
11	Statutory and Regulatory requirement of the relevant sector (documentary evidence to be provided)	As per domain
12	Level of the qualification in the NSQF	3
13	Anticipated volume of training/learning required to complete the qualification	360 Hours
14	Indicative list of training tools required to deliver this qualification	Assistive Aid/Service, Ai-Live, Captions First, Captions 2020, Closed Capp, Let's Talk, LCD TV, Visual curricula, Computer
15	Entry requirements and/or recommendations and minimum age	5th Class Pass with 3 years of Experience Or 8th class pass with 1 year Experience or 8th class Pass +ITI or 8th Class Pass pursuing continuous regular

		schooling or 10th Class Pass with no experience or Previous relevant Qualification of NSQF Level 2 with 1 year experience. *5th class with No experience- OJT/internship of 12 months *8th class pass with no experience- OJT/internship of 4 months Minimum age: 18 Years			
16	Progression from the qualification (Please show Professional and academic progression)	Plumber –General			
17	Arrangements for the Recognition of Prior learning (RPL)	RPL assessment will be as per defined SCPwD assessment process.			
18	International comparability where known (research evidence to be provided)	To be established			
19	Date of planned review of the qualification	Domain SSC - 19/06/2025 SCPwD - 19/06/2026 (one year beyond’ the validity of the original qualifications of the domain SSCs)			
20	Formal Structure of the Qualification Mandatory Components				
Title of the unit or other component (Include any identification code used)		Mandatory/ Optional	Estimated size (Learning hours)		Level
Learn basic Indian Sign Language (ISL) (Bridge Module -PwD)		Mandatory	15	12	
Use basic English (Bridge Module -PwD)		Mandatory	27	12	
Personal and Social skills (Bridge Module -PwD)		Mandatory	9	3	
Professional & Ethical behaviour in the workplace (Bridge Module -PwD)		Mandatory	9	3	
Introduction			6	0	
PSC/N0139: Carry out support activities for plumbing work		Mandatory	22	58	3
PSC/N0140: Maintain plumbing tools and equipment		Mandatory	30	50	3
PSC/N0136: Apply health and safety practices at the workplace		Mandatory	12	24	3
PSC/N0137: Work effectively with others		Mandatory	12	24	3
SGJ/N1702: Optimize resource utilization at workplace		Mandatory	08	24	3
Sub Total			150	210	
Total			360		

SECTION 1
ASSESSMENT

21	Name of Assessment Agency (AA): • Induslynk Training Services Pvt. Ltd. (Mercer - Mettl) , • Eduvantage Pvt. Ltd., • Virtual Saas 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.
22	How will RPL assessment be managed and who will carry it out? RPL will be based on the same approved Qualification Pack and Assessment Criteria mentioned in the Qualification Pack. RPL assessment is carried out in the same way as the assessment for fresh training.
23	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, 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 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 completes the documentation formalities.

Post Assessment Phase-

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

Please attach most relevant and recent documents giving further information about assessment and/or RPL.

Give the titles and other relevant details of the document(s) here. Include page references showing where to find the relevant information.

SECTION 2
EVIDENCE OF NEED

24	What evidence is there that the qualification is needed? The Job role has been shortlisted and mapped with <u>Speech and Hearing Impairment</u> based on demand from the Industry, Training Partners, Experts and views from the reverent Persons with Speech and Hearing Impairment themselves.
25	What is the estimated uptake of this qualification and what is the basis of this estimate? The global plumbing components market size is expected to reach \$78,218.9million in 2027, from \$58,516.6 million in 2019, growing at a CAGR of 5.6% from 2020 to 2027. Plumbing components are parts used in installing sanitary wares in bathrooms or toilets and kitchen of residential or non-residential buildings. The products such as fittings, manifolds, pipes and valves are considered as plumbing components. Residential segment includes plumbing components installed in bathrooms or toilets and kitchens of single houses or bungalows, flats, townships and private owned buildings. Whereas, plumbing components used in kitchens, toilets or bathrooms in hotels, malls, offices and public places are considered under the non-residential category. Bathrooms and kitchens in residential and non-residential spaces need good quality fixtures and components for durability. Fittings used in installing bathtubs, showerheads, faucets and other sanitary equipment give them stability and efficiency. However, there might be breakage of plumbing components which has to be replaced. In addition, renovation of old bathrooms and kitchens in residential and non-residential buildings and new construction projects are driving the plumbing components market. Several manufacturers have sensed the plumbing components market opportunity and have adopted several strategies to offer wide range of products to the customer and to widen their product offering in the new regions. Covid 19 has impacted the Industry negatively but overall, the plumbing Industry is growing and doesn't show signs of slowing down. Keeping in view the entry level criteria, experience, self-employment and entrepreneurship opportunities in the sector, there seems to be a good scope for employment of PwD.
26	Recommendation from the concerned Line Ministry of the Government/Regulatory Body. To be supported by documentary evidences Line Ministry approval to be received.

27	What steps were taken to ensure that the qualification(s) does (do) not duplicate already existing or planned qualifications in the NSQF? Give justification for presenting a duplicate qualification Non duplication has been ensured by the Domain SSC.
28	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? Specify the review process here The Qualification Pack of Assistant Plumber -General 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: Guidelines for the assessment of Persons with Speech and Hearing 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

- Do not shout at a Person with Hearing Impairment unless they request you to. Just speak in a normal tone but make sure your lips are visible.
- Keep conversations clear and try minimizing unnecessary noise in the background.

NSQF Qualification File
Approved in 20th NSQC - 30th June, 2022

- If you are asked to repeat yourself, answering “nothing, it’s not important” implies that the person is not worth repeating yourself. It is demeaning; be patient and comply.
- Show consideration by facing the light source and keeping things (such as your hands) away from your mouth while speaking.
- Look directly at and speak directly to the person rather than looking at the interpreter or any other person who may accompany the individual.
- Follow the person’s cues to find out if they prefer sign language, gesturing, writing or speaking.
- Make sure the room is well lit to allow the student to see your facial expression, signing and/or lip read.
- Question paper should have more visuals/pictures for better understanding

Annexure 2: 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 Speech and Hearing Impairment

- Assistive Aid/Service
- Ai-Live
- Captions First
- Captions 2020
- Closed Capp
- Let's Talk
- LCD TV
- Visual curricula
- Computer

Trainer Qualification

Minimum Educational Qualifications: As per domain SSC. Qualification can be relaxed in case of extraordinary relevant field experience.

Experience: As per domain SSC.

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

Disability Specific Top-up Module-The Inclusive Trainer should be certified by SCPwD with minimum qualifying score of 80% as per SCPwD guidelines in Disability Specific Top-up Training / QP of Trainer-PwD.

The Indian Sign Language Interpreter should be mandatory during the training, counselling and placement of Persons with Speech and Hearing Impairment. A Certification by Indian Sign Language Research and Training Centre (ISLRTC) or Ali Yavar Jung National Institute of Speech and Hearing Disabilities (Divyangjan) (AYJNISHD(D)) will be desirable.

For Sign Language Interpreter 2/3 Years of experience in their own field of training will be desirable.

Training Duration

Break up of pre training/ foundation course:

S.NO.	MODULE	THEORY (hours)	PRACTICAL (hours)	TOTAL (hours)
1	Learn basic Indian Sign Language (ISL) (Bridge Module -PwD)	15	12	27
2	Use basic English (Bridge Module -PwD)	27	12	39
3	Personal and Social skills (Bridge Module - PwD)	9	3	12
4	Professional & Ethical behaviour in the workplace (Bridge Module -PwD)	9	3	12
GRAND TOTAL		60	30	90

Total **additional hours** recommended by SCPwD for Assistant Plumber-General are 90.