

Qualification Code

QG-05-AG-00301-2023-V1.1-ASCI

CONTACT DETAILS OF THE BODY SUBMITTING THE QUALIFICATION FILE

Name and address of submitting body:

Agriculture Skill Council of India (ASCI)
6th floor, GNG Building, Plot No – 10, Sector- 44,
Gurugram, Haryana – 122004

Name and contact details of individual dealing with the submission

Name: Ms. Priyanka Prakash

Position in the organization: Senior Manager – Standards & QA

Address, if different from above

Tel number(s): 0124 – 4670029/ 4814673/ 4814659

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List of documents submitted in support of the Qualifications File

1. Qualifications Pack – Annexure 1
2. Model Curriculum – Annexure 2
3. Affiliation Protocol- Annexure 3
4. Industry Validations- Annexure 4

Model Curriculum to be added which will include the following:

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

NSQF QUALIFICATION FILE**Approved in 14th NSQC Meeting – NCVET – 30th December 2021****Approved on file dated 07.02.2023****• SUMMARY**

1	Qualification Title	Seed Processing Plant Supervisor
2	Qualification Code, if any	AGR/Q7105, v3.0
3	NCO code and occupation	NCO-2015/NIL
4	Nature and purpose of the qualification (Please specify whether qualification is short term or long term)	Nature of the qualification - a Qualification Pack (QP) The main purpose of the qualification is to -train the incumbent to supervise and coordinate seed production activities in a plant.
5	Body/bodies which will award the qualification	Agriculture Skill Council of India (ASCI)
6	Body which will accredit providers to offer courses leading to the qualification	Agriculture Skill Council of India (ASCI)
7	Whether accreditation/affiliation norms are already in place or not , if applicable (if yes, attach a copy)	Yes (Annexure 3)
8	Occupation(s) to which the qualification gives access	Seed Production and Processing
9	Job description of the occupation	A Seed Processing Plant Supervisor is responsible for supervising the seed production activities in a seed processing plant to ensure that the processed seeds meet the expected quality standards. The person oversees the preparation of work area and seed processing machineries along with seed processing activities.

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10	Licensing requirements	NA
11	Statutory and Regulatory requirement of the relevant sector (documentary evidence to be provided)	NA
12	Level of the qualification in the NSQF	Level 5
13	Anticipated volume of training/learning required to complete the qualification	480 hours (Theory: 90, Practical: 150, ES: 90, OJT: 150)
14	Indicative list of training tools required to deliver this qualification	Attached herewith
15	Entry requirements and/or recommendations and minimum age	Minimum Educational Qualification: Completed 2nd year of UG OR Pursuing 2nd year of UG and continuous education OR Completed 2nd year of diploma (after 12th) OR Pursuing 2nd year of 2-year diploma after 12th OR 12th pass with 1-year Vocational Education & training (NTC or NAC or CITS) OR Completed 3-year diploma after 10th with 1- year relevant experience OR 12th Grade pass with 2- year relevant experience OR 10th Grade pass with 4-year relevant experience OR Previous relevant Qualification of NSQF Level 4 and with minimum education as 8th Grade pass with 3-year relevant experience

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		OR Previous relevant Qualification of NSQF Level 4.5 with 1.5- year relevant experience Min Age: 18 years			
16	Progression from the qualification (Please show Professional and academic progression)		Seed certificate officer (L6)		
17	Arrangements for the Recognition of Prior learning (RPL)		RPL assessment will be as per normal ASCI assessment process. (ASCI recognizes that there may be candidates who have prior learning experience in the		
			Agriculture Sector and are desirous of being certified. Such candidates can apply to ASCI for testing and certification of their skills. Training Partners will be responsible for identifying and counselling candidates for RPL through mobilization camps and advertisements. The details of the RPL process have been defined by ASCI under the document- Guidelines for Recognition of Prior Learning under PMKVY).		
18	International comparability where known (research evidence to be provided)		Not done as yet		
19	Date of planned review of the qualification.		30/12/2024		
20	Formal structure of the qualification Mandatory components				
	Title of component and identification code/NOSs/Learning outcomes	Estimated size (learning hours)			Level
		Theory	Practical		

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(i)	Introduction (Bridge Module)	5	0		
(ii)	AGR/N7119: Plan and supervise the preparation for seed processing	20	35		5
(iii)	AGR/N7121: Supervise the seed processing operation	20	40		
(iv)	AGR/N7123: Supervise the recording and maintenance of seed processing data	15	45		
(v)	AGR/N9911: Ensure adherence to health and safety guidelines at work	15	15		
(vi)	AGR/N9923: Manage and lead a team effectively	15	15		
(vii)	DGT/VSQ/N0103: Employability Skills (90 Hours) v1.0	90			
	Total	180	150		
	OJT	150 Hours			

SECTION 1**ASSESSMENT**

21	<p>Body/Bodies which will carry out assessment:</p> <p>ASCI affiliated assessment bodies.</p> <ol style="list-style-type: none">1. SHL India (Pvt.) Ltd2. Trendsetters Skill Assessors Pvt Ltd3. Mercer-Mettl4. SP Institute of Workforce Development(SPIWD)5. MSAG SI LLP <p>More Assessment Agencies are being empanelled to cover wider geographical area</p>
22	<p>How will RPL assessment be managed and who will carry it out?</p> <p>RPL will be based on the same approved Qualification Pack and Assessment Criteria mentioned in the Qualification Pack and will be carried out as per normal ASCI assessment process. The Training Partner or any other authority as prescribed by the Steering Committee will identify and counsel candidates eligible for RPL through mobilization camps and advertisements. The mobilized candidates can be counselled, oriented about the standardized NSQF framework and basis their existing competency will be mapped against the suitable level of the concerned Job role for assessments. The candidates enrolled will be assessed by the Assessment Agency affiliated with the Sector Skill Council on the basis of assessment criteria decided by Sector Skill Council (SSC). The candidate will need to pass in the minimum assessment criteria of a particular QP decided by the SSC. Successfully assessed candidates with a valid Aadhaar or alternate ID (as per process) will be eligible for QP-NOS based Certification.</p>
23	<p>Describe the overall assessment strategy and specific arrangements which have been put in place to ensure that assessment is always valid, reliable and fair and show that these are in line with the requirements of the NSQF.</p> <p>A robust technology enabled assessment methodology has been designed keeping in mind the geographical/Physical constraints and target segment which assess a trainee's knowledge and skill set through three methods:</p> <ol style="list-style-type: none">a. An offline Tablet based test through the use of Multiple-Choice Text and Picture based questions in vernacular languagesb. Actual demonstration on the fieldc. Viva

	<p>ASCI's assessment strategy:</p> <ul style="list-style-type: none"> • Question sets are developed as per the weightage of each NOS of the Qualification Pack. • Assessment criteria for each Qualification Pack developed, in which each Performance criteria (PC) assigned marks based on NOS • Question Bank is developed to assess the theoretical and practical knowledge. To ensure the quality, each trainee get different set of question • Empanelment of subject matter expert as assessor primarily from the Industry to assess trainee specifically on practical skills as per Industry demands <p>Assessments are preferably conducted on tablets or pen or papers in regional languages according to the requirement.</p>
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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.

ASSESSMENT EVIDENCE

Complete a grid for each component as listed in “Formal structure of the qualification” in the Summary.

NOTE: this grid can be replaced by any part of the qualification documentation which shows the same information – i.e., Learning Outcomes to be assessed, assessment criteria and the means of assessment.

24. Assessment evidence

Title of Component:

Outcomes to be assessed/ NOSs to be assessed	Assessment criteria for the outcome
Means of assessment 1	
Pass/Fail	

<u>Job Role:</u> Seed Processing Plant Supervisor
<u>Qualification Pack:</u> AGR/Q7105, v3.0
<u>Sector Skill Council:</u> Agriculture Skill Council of India
<p><u>Assessment Guidelines:</u></p> <ol style="list-style-type: none"> 1. Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council. Each Performance Criteria (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down proportion of marks for Theory and Skills Practical for each PC. 2. The assessment for the theory part will be based on knowledge bank of questions created by the SSC. 3. Assessment will be conducted for all compulsory NOS, and where applicable, on the selected elective/option NOS/set of NOS. 4. Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training center (as per assessment criteria below). 5. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training center based on this criterion. 6. To pass the Qualification Pack, every trainee should score a minimum of 70% of aggregate marks to successfully clear the assessment. 7. In case of unsuccessful completion, the trainee may seek reassessment on the Qualification Pack.

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
AGR/N7119: Plan and supervise the preparation for seed processing				
<i>Check seed lots and plan seed processing</i>	10	14	-	12
PC1. obtain the production order details from the manager such as the types of seeds to be processed, quantity, turnaround time, etc.	-	-	-	-
PC2. match the batch size and weight of the seed lots received for processing with the information obtained from the supplier	-	-	-	-
PC3. check the quality of raw seeds before seed processing to ensure compliance with the organisational quality standards	-	-	-	-

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PC4. report any issues with the seed lots to the seed processing plant manager	-	-	-	-
PC5. plan seed processing efficiently, considering the processing time for different types of seeds, processing capacity of the seed processing machineries and available manpower	-	-	-	-
PC6. arrange for seed lots to be grouped based on homogeneity to avoid mixing of different types of seed lots	-	-	-	-
PC7. prepare the shift schedule for seed processing machinery operators and workers	-	-	-	-
PC8. allot work to the operators and workers as per the shift schedule	-	-	-	-
PC9. instruct the machine operators and workers to adhere to the established quality standards while handling raw seeds	-	-	-	-
PC10. arrange for the safe transfer of raw seeds from the storage area to the seed processing area	-	-	-	-
<i>Supervise the preparation of work area</i>	12	14	-	10
PC11. check the availability of the necessary tools, equipment and PPE for seed processing	-	-	-	-
PC12. arrange for the faulty tools, equipment and PPE to be repaired or replaced	-	-	-	-
PC13. instruct the relevant personnel to clean the work area and apply the approved disinfectant/ sanitisers	-	-	-	-
PC14. arrange for any infrastructure repair and maintenance needs to be addressed such as plugging leakages in the work area or repair of the walls/ ceiling	-	-	-	-
PC15. ensure the availability of electricity and sufficient backup/ alternate arrangement for operating various machineries	-	-	-	-
<i>Supervise the preparation of seed processing machineries</i>	8	12	-	8
PC16. perform pre-operation checks on the seed processing machineries such as the scalper, air screen cleaner, gravity separator, indented cylinder, treater, etc.	-	-	-	-
PC17. ensure the machine accessories and fittings such as valves, bowls and pipes are attached correctly	-	-	-	-

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PC18. instruct the machine operator(s) to perform preparation activities such as lubrication, tightening the nut and bolts, cleaning and sterilisation of the machineries, etc.	-	-	-	-
PC19. arrange for repair and maintenance of the machineries for any issues identified during the check	-	-	-	-
PC20. ensure there is recommended temperature, humidity and air circulation for the safe operation of seed processing machineries	-	-	-	-
NOS Total	30	40	-	30
AGR/N7121: Supervise the seed processing operation				
<i>Monitor seed processing</i>	16	18	-	14
PC1. ensure the machine operators follow the Standard Operating Procedure (SOP) recommended by the manufacturer to operate various seed processing machineries	-	-	-	-
PC2. co-ordinate with the maintenance team or manufacturer for prompt repair and replacement of the machineries to minimise the impact on productivity	-	-	-	-
PC3. ensure that the necessary processes such as pre-cleaning, cleaning, fine-cleaning and grading are carried out according to the type and condition of the raw seeds	-	-	-	-
PC4. examine the quality of seeds through various stages of processing to ensure compliance with the established quality standards	-	-	-	-
PC5. ensure correct weight in the seed bags or containers	-	-	-	-
PC6. ensure the seed bags or containers are labelled with the required and correct information as per the applicable regulatory requirements	-	-	-	-
PC7. instruct the machine operators and workers to use the recommended PPE during the seed processing operation	-	-	-	-
<i>Monitor productivity and compliance with the environment policy</i>	14	22	-	16
PC8. co-ordinate with the relevant personnel to ensure that seed processing is completed within the agreed schedule with the minimum wastage of seeds	-	-	-	-
PC9. deal with any unforeseen circumstances as per the organisational policy or escalate to the higher authority	-	-	-	-

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PC10. monitor compliance with the health and hygiene guidelines in the production area	-	-	-	-
PC11. ensure the optimisation of resources such as water/ electricity/ production material	-	-	-	-
PC12. instruct the workers to segregate waste into the appropriate categories	-	-	-	-
PC13. ensure recycling and disposal of different types of waste as per the regulatory requirements	-	-	-	-
NOS Total	30	40	-	30
AGR/N7123: Supervise the recording and maintenance of seed processing data				
<i>Supervise the recording of data</i>	14	20	-	14
PC1. supervise the recording of relevant data in the physical registers and/ or the organisation's Enterprise Resource Planning (ERP) system, regarding the seed lots received for processing	-	-	-	-
PC2. ensure the data regarding seed lots found unfit for processing is recorded	-	-	-	-
PC3. supervise the documentation of information regarding the use of various machineries during seed processing such as the output and breakdown	-	-	-	-
PC4. instruct the relevant personnel to record data with respect to the different types of seeds processed, batch size, wastage of seeds, along with the relevant observations and deviations	-	-	-	-
PC5. ensure recording of data regarding the seeds packed, labelled and stored	-	-	-	-
<i>Supervise the maintenance of records</i>	8	10	-	8
PC6. arrange for the safe storage of physical and electronic records, ensuring access only by authorised personnel	-	-	-	-
PC7. ensure data backup is created to protect against accidental loss	-	-	-	-
<i>Review and audit the records</i>	8	10	-	8
PC8. review the records periodically to ensure the accuracy of the information	-	-	-	-
PC9. co-ordinate with the relevant personnel for the audit of records to ensure compliance with the regulatory requirements	-	-	-	-
NOS Total	30	40	-	30

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AGR/N9911: Ensure adherence to health and safety guidelines at work				
<i>Ensure health and safety</i>	16	18	-	16
PC1. follow the organisational policy to ensure personal health and safety at the work	-	-	-	-
PC2. ensure that all the co-workers use the appropriate PPE such as gloves, hairnet, mask, earplug, goggles and shoes in all the operations	-	-	-	-
PC3. conduct regular checks to ensure that PPE, emergency equipment and first-aid kit are updated and useable	-	-	-	-
PC4. arrange for the PPE, emergency equipment and first-aid kit to be updated/ replaced as required	-	-	-	-
PC5. ensure the machinery, tools, equipment and the work area are sanitised before and after the use	-	-	-	-
PC6. check that machineries, tools and equipment are used and stored safely as per the manufacturer's instructions	-	-	-	-
PC7. ensure safe handling of any hazardous materials such as chemicals and flammable objects	-	-	-	-
PC8. identify health and safety hazards at the work and take appropriate preventive measures	-	-	-	-
PC9. ensure that only authorised personnel have access to hazardous work areas	-	-	-	-
PC10. arrange for regular workplace audit to ensure safe working conditions	-	-	-	-
PC11. report any out of authority issues to the relevant authority for a timely resolution	-	-	-	-
<i>Deal with emergencies at work</i>	14	22	-	14
PC12. follow the organisational policy to deal with emergencies such as fire, accidents, disease outbreak or natural calamities	-	-	-	-
PC13. arrange for immediate medical attention for any injured personnel	-	-	-	-
PC14. ensure the safe use of emergency equipment according to the manufacturer's instructions	-	-	-	-
PC15. arrange for the emergency equipment to be repaired or replaced as required	-	-	-	-
PC16. report workplace emergencies/ accidents to the relevant authority in compliance with the organisational and regulatory requirements	-	-	-	-
NOS Total	30	40	-	30

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AGR/N9923: Manage and lead a team effectively				
<i>Manage the team performance</i>	12	18	-	12
PC1. prepare a work plan according to the tasks and the number of available team members	-	-	-	-
PC2. allocate tasks to the team members according to their skills and roles	-	-	-	-
PC3. arrange the necessary support and resources to help the team members perform their duties	-	-	-	-
PC4. conduct regular team meetings/ briefings to communicate with the team members regarding their work objectives, projects, work progress, etc.	-	-	-	-
PC5. monitor the performance of each team member and progress of the tasks assigned to them	-	-	-	-
PC6. collect the team performance data and prepare the necessary reports	-	-	-	-
PC7. evaluate the reports to identify the scope of improvement	-	-	-	-
PC8. assist the team members with below standard performance in improving their performance	-	-	-	-
PC9. arrange for reward and recognition for the team members with good performance	-	-	-	-
PC10. arrange for relevant training and upskilling of the team members for their professional development	-	-	-	-
<i>Maintain a fair and professional work environment</i>	10	16	-	8
PC11. maintain professional relationships with the team members				
PC12. conduct counselling sessions to resolve conflicts among the team members and guide them regarding their professional development	-	-	-	-
PC13. communicate with the team members to understand their concerns and find appropriate solutions	-	-	-	-
PC14. ensure equal and fair career progression opportunities for all the team members	-	-	-	-
<i>Promote inclusion at work</i>	8	6	-	10
PC15. ensure a conducive environment for all the genders and Persons with Disabilities (PwD) at the workplace	-	-	-	-
PC16. promote appropriate behaviour and conduct with people across genders and PwD	-	-	-	-

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PC17. ensure appropriate verbal and non-verbal communication while interacting with PwD	-	-	-	-
PC18. ensure equal participation of PwD and people across genders in workplace discussions	-	-	-	-
NOS Total	30	40	-	30

DGT/VSQ/N0103: Employability Skills (90 Hours)				
<i>Introduction to Employability Skills</i>	1	1	-	-
PC1. understand the significance of employability skills in meeting the current job market requirement and future of work	-	-	-	-
PC2. identify and explore learning and employability relevant portals	-	-	-	-
PC3. research about the different industries, job market trends, latest skills required and the available opportunities	-	-	-	-
<i>Constitutional values – Citizenship</i>	1	1	-	-
PC4. recognize the significance of constitutional values, including civic rights and duties, citizenship, responsibility towards society etc. and personal values and ethics such as honesty, integrity, caring and respecting others, etc.	-	-	-	-
PC5. follow environmentally sustainable practices	-	-	-	-
<i>Becoming a Professional in the 21st Century</i>	1	3	-	-
PC6. recognize the significance of 21st Century Skills for employment	-	-	-	-
PC7. practice the 21st Century Skills such as Self-Awareness, Behaviour Skills, time management, critical and adaptive thinking, problem-solving, creative thinking, social and cultural awareness, emotional awareness, learning to learn for continuous learning etc. in personal and professional life	-	-	-	-
PC8. adopt a continuous learning mindset for personal and professional development	-	-	-	-
<i>Basic English Skills</i>	3	4	-	-
PC9. use basic English for everyday conversation in different contexts, in person and over the telephone	-	-	-	-
PC10. read and understand routine information, notes, instructions, mails, letters etc. written in English	-	-	-	-
PC11. write short messages, notes, letters, e-mails etc. in English	-	-	-	-

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<i>Career Development & Goal Setting</i>	1	2	-	-
PC12. identify career goals based on the skills, interests, knowledge, and personal attributes	-	-	-	-
PC13. prepare a career development plan with short- and long-term goals	-	-	-	-
<i>Communication Skills</i>	2	2	-	-
PC14. follow verbal and non-verbal communication etiquette while communicating in professional and public settings	-	-	-	-
PC15. use active listening techniques for effective communication	-	-	-	-
PC16. communicate in writing using appropriate style and format based on formal or informal requirements	-	-	-	-
PC17. work collaboratively with others in a team	-	-	-	-
<i>Diversity & Inclusion</i>	1	1	-	-
PC18. communicate and behave appropriately with all genders and PwD	-	-	-	-
PC19. escalate any issues related to sexual harassment at workplace according to POSH Act	-	-	-	-
<i>Financial and Legal Literacy</i>	2	3	-	-
PC20. identify and select reliable institutions for various financial products and services such as bank account, debit and credit cards, loans, insurance etc.	-	-	-	-
PC21. carry out offline and online financial transactions, safely and securely, using various methods and check the entries in the passbook	-	-	-	-
PC22. identify common components of salary and compute income, expenses, taxes, investments etc	-	-	-	-
PC23. identify relevant rights and laws and use legal aids to fight against legal exploitation	-	-	-	-
<i>Essential Digital Skills</i>	3	5	-	-
PC24. operate digital devices and use their features and applications securely and safely	-	-	-	-
PC25. carry out basic internet operations by connecting to the internet safely and securely, using the mobile data or other available networks through Bluetooth, Wi-Fi, etc.	-	-	-	-
PC26. display responsible online behaviour while using various social media platforms	-	-	-	-
PC27. create a personal email account, send and process received messages as per requirement	-	-	-	-

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PC28. carry out basic procedures in documents, spreadsheets and presentations using respective and appropriate applications	-	-	-	-
PC29. utilize virtual collaboration tools to work effectively	-	-	-	-
<i>Entrepreneurship</i>	2	3	-	-
PC30. identify different types of Entrepreneurship and Enterprises and assess opportunities for potential business through research	-	-	-	-
PC31. develop a business plan and a work model, considering the 4Ps of Marketing Product, Price, Place and Promotion	-	-	-	-
PC32. identify sources of funding, anticipate, and mitigate any financial/ legal hurdles for the potential business opportunity	-	-	-	-
<i>Customer Service</i>	1	2	-	-
PC33. identify different types of customers and ways to communicate with them	-	-	-	-
PC34. identify and respond to customer requests and needs in a professional manner	-	-	-	-
PC35. use appropriate tools to collect customer feedback	-	-	-	-
PC36. follow appropriate hygiene and grooming standards	-	-	-	-
<i>Getting ready for apprenticeship & Jobs</i>	2	3	-	-
PC37. create a professional Curriculum vitae (Résumé)	-	-	-	-
PC38. search for suitable jobs using reliable offline and online sources such as Employment exchange, recruitment agencies, newspapers etc. and job portals, respectively	-	-	-	-
PC39. apply to identified job openings using offline /Online methods as per requirement	-	-	-	-
PC40. answer questions politely, with clarity and confidence, during recruitment and selection	-	-	-	-
PC41. identify apprenticeship opportunities and register for it as per guidelines and requirements	-	-	-	-
NOS Total	20	30	-	-

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Title/ Name of qualification/ component: Seed Processing Plant Supervisor			Level: 5
NSQF Domain	NSQF Domain	NSQF Domain	NSQF Domain
Process	<ul style="list-style-type: none">• Check seed lots and plan seed processing• Supervise the preparation of work area• Supervise the preparation of seed processing machineries• Monitor seed processing• Monitor productivity and compliance with the environment policy	A Seed Processing Plant Supervisor is responsible for supervising the seed production activities in a seed processing plant to ensure that the processed seeds meet the expected quality standards. The person oversees the preparation of work area and seed processing machineries along with seed processing activities.	5
Professional knowledge	<ul style="list-style-type: none">• the SOP for operating various seed processing machineries and importance of following it• common repair and maintenance needs of the seed-processing machineries• the importance and process of getting the seed-processing machineries repaired by a qualified technician or the manufacturer	The job holder is required to have professional knowledge required for the job, such as standard operating procedure for operating various seed processing machineries and importance. the importance and process of getting the seed-processing machineries repaired by a qualified technician or the manufacturer	5
Professional	<ul style="list-style-type: none">• the process of monitoring compliance with the health and hygiene guidelines	The job holder must possess professional skills for performing the job, which include managerial	5

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skill	<p>in the production area</p> <ul style="list-style-type: none">• benefits of optimising the usage of resources such as water, electricity and production material• the process of segregating waste into different categories	<p>abilities such as planning, organising, decision-making, problem solving etc. The person must have an aptitude for machines along with the ability to lead a team to achieve the organisational goals.</p>	
Core Skills	<ul style="list-style-type: none">• plan and prioritise tasks to ensure timely completion• selection of the appropriate seed processing methods according to the type and condition of the raw seeds• use of the Enterprise Resource Planning (ERP) system used by the organisation	<p>The job holder should have core skills for performing the job which includes writing skills, reading skills, and oral and communication skills, such as note information communicated, note the equipment to be used, effectively communicate with team members</p>	5
Responsibility	<ul style="list-style-type: none">• The user/individual must know and understand how to identify and study the different type of seeds• supervising the seed production activities in a seed processing plant• ensure that the processed seeds meet the expected quality standards• oversees the preparation of work area and seed processing machineries along with seed processing activities.		5

SECTION 3**EVIDENCE OF NEED**

26	What evidence is there that the qualification is needed? What is the estimated uptake of this qualification and what is the basis of this estimate?
Basis	
Need of the qualification	<p>The agriculture and allied sector continue to be significant for the inclusive and sustainable growth of the Indian economy, according to industry interactions and a report published by ICAR, The Indian Seed Industry is the sixth largest in the world in value terms accounting for about 4.5% of global industry. The domestic seeds industry, currently valued at USD 3.2 billion, has grown at a CAGR of 8.4% in volumes terms over FY09 to FY15(P) to reach 3.5 million tonnes (consumption). Due to the increasing growth rate of this industry, more manpower is required within this sector to increase production and meet the growing demand. Indian population and contribute to roughly 17% of the GDP. Growth in GVA in agriculture and allied sectors stood at 4% in FY20.</p> <p>India is among the 15 leading exporters of agricultural products in the world. Agricultural export from India reached U\$\$ 38.54 billion in FY19 and USS 28.93 billion in FY20 (till January 2020).</p>
Industry Relevance	<p>Validations have been received from Zuari Agro Chemicals Ltd, Seedworks International Pvt. Ltd, Ananya Seeds Pvt Ltd, Shakti Vardhak Hybrid Seeds Private Limited, DCM Shriram Ltd, Shriram Bioseeds Genetics</p>
Usage of the qualification	<p>An NSQF aligned training to the persons involved in grooming of – Seed Processing Plant Supervisor shall provide opportunities to the incumbents for horizontal and vertical career progression. Competency-based training shall imbibe professionalism in the job-role.</p> <p>The Qualification Pack shall also be helpful in conducting Recognition of Prior Learning of the Seed Processing Plant Supervisor</p>

NSQF QUALIFICATION FILEApproved in 14th NSQC Meeting – NCVET – 30th December 2021

Approved on file dated 07.02.2023

Estimated uptake	QP/Job Role Name	"States where Demand exist	"District where Demand exist	Projections for the next 3 years
	Seed Processing Plant Supervisor	MADHYA PRADESH, ANDHRA PRADESH, PUNJAB, HARYANA, UTTAR PRADESH, MAHARASHTRA AND ASSAM	Various district of mentioned States	3000
27	Recommendation from the concerned Line Ministry of the Government/Regulatory Body. To be supported by documentary evidences Have received concurrence from the M&T Division, MoA & FW			
28	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 This is the revised version of the already NSQC approved QP. The revision has been undertaken as the QP is going to expire soon.			
29	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 Any institution or individual is welcome to send the feedback, which is recorded and considered during next review cycle. Communication will be sent for any feedback to all the main stakeholders/users one month prior to the review of the qualifications pack. A formal review is scheduled in five year.			

Please attach most relevant and recent documents giving further information about any of the topics above.

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

SECTION 4**EVIDENCE OF PROGRESSION****30**

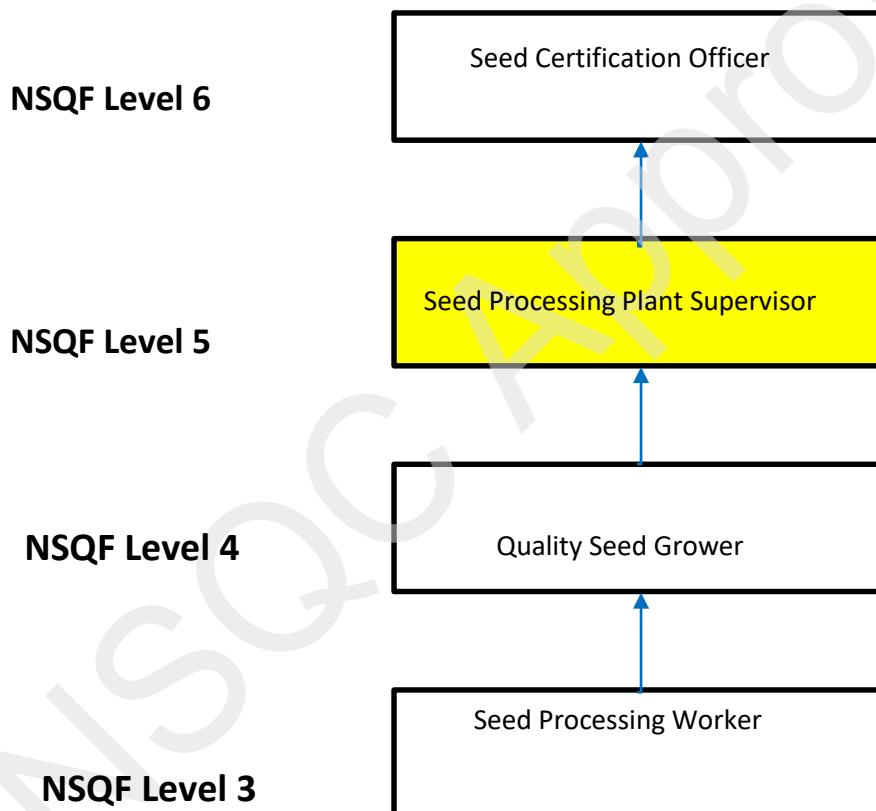
What steps have been taken in the design of this or other qualifications to ensure that there is a clear path to other qualifications in this sector?

Show the career map here to reflect the clear progression

Career path in the agriculture sector is generally in terms of activities done & ownership of responsibility because they are primarily self-wage employment/ entrepreneurship roles.

Career pathway has been identified as illustrated below (Annexure 1)

Annexure 1: Career Map of Seed Processing Plant Supervisor



Please attach most relevant and recent documents giving further information about any of the topics above.

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