

Qualification Pack



Chemist Store (Pharma, Biological Products and Medical Devices)

Automated warehouse operations

QP Code: LFS/Q0601

Version: 2.0

NSQF Level: 4

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LFS/Q0601: Chemist Store (Pharma, Biological Products and Medical Devices)

Brief Job Description

Chemist Store (Pharma, Biological Products and Medical Devices) manages and oversees daily activities of the warehouse including quality assurance, inventory control, manufacturing dispensing and logistics control, floor productivity and loss prevention.

Personal Attributes

The individual should have knowledge of different materials and chemicals along with the storing requirements. He must be able to identify defects, select appropriate storage areas, and handle inventory/stock. He should have the ability to do quality assurance, inventory control, manufacturing dispensing and logistics control.

Applicable National Occupational Standards (NOS)

Compulsory NOS:

1. [LFS/N0601: Supervise warehouse operations](#)
2. [LFS/N0602: Carry out reporting and documentation for appropriate storage of material/products](#)
3. [LFS/N0656: Supervise waste disposal as per environment sustainable practices](#)
4. [LFS/N0118: Coordinate with supervisor, teammates, and cross-functional teams](#)
5. [LFS/N0113: Ensure a hygienic and clean work area to avoid contamination](#)
6. [LFS/N0101: Follow Environment ,health and safety guidelines in GMP/GLP controlled areas and laboratory](#)
7. [DGT/VSQ/N0102: Employability Skills \(60 Hours\)](#)

Options(Not mandatory):

Option : Automated warehouse operations

1. [LFS/N0667: Supervise automated warehouse operations](#)

Qualification Pack (QP) Parameters



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Sector	Life Sciences
Sub-Sector	Pharmaceutical, Bio Pharmaceutical and Contract Research
Occupation	Supply Chain Management
Country	India
NSQF Level	4
Credits	20
Aligned to NCO/ISCO/ISIC Code	NCO-2015/7233.9902
Minimum Educational Qualification & Experience	D.Pharma with 1 Year of experience OR Graduate (any field) OR B.Pharma OR Certificate-NSQF (Level 3 Certificate of Store Assistant- Life Sciences) with 3 Years of experience (in relevant field) OR Certificate-NSQF ((Level 3 Certificate of Associate- Store (Pharma/ Bio Pharma / Medical Devices))) with 3 Years of experience (in relevant field)
Minimum Level of Education for Training in School	
Pre-Requisite License or Training	NA
Minimum Job Entry Age	19 Years
Last Reviewed On	NA
Next Review Date	28/07/2025
NSQC Approval Date	28/07/2022
Version	2.0
Reference code on NQR	QM-04-LS-00257-2023-V1.1-LSSSDC
NQR Version	1.0



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LFS/N0601: Supervise warehouse operations

Description

This NOS is about a person who Supervises warehouse operations

Scope

The scope covers the following :

- Prepare daily plan and allocate resources
- Supervise raw material, finished goods and dispatch operations
- Inspecting the warehouse storing in the storage area

Elements and Performance Criteria

Prepare daily plan and allocate resources

To be competent, the user/individual on the job must be able to:

- PC1.** Obtain receipt, storage and dispatch details
- PC2.** Develop daily work plan factoring in priority cases, and cases requiring exceptional handling
- PC3.** Get the work plan approved from the manager and allocate tasks to workers and associates
- PC4.** Generate run-sheets for different tasks and distribute to workers and associates
- PC5.** check and confirm deliveries against the delivery note and original order to identify any discrepancies
- PC6.** budget and allocate the requisite MHE for tasks at hand

Supervise raw material, finished goods and dispatch operations

To be competent, the user/individual on the job must be able to:

- PC7.** Check the mandatory documentation on receipt before unloading on receipt of stock and ensure right quantity is received as per the documentation
- PC8.** Inspect the goods in receipt for correct labelling/defects/breakage and other quality parameters as per PO (purchase order)
- PC9.** perform visual inspection and inform quality team for testing of goods
- PC10.** check that the goods are quarantined as per SOP
- PC11.** supervise segregation of damaged goods and act as per SOP and in consultation with Manager
- PC12.** collate month wise rejection reports for incoming, in-process and outbound goods, generate required reports to be sent to vendors and initiate action for improvements accordingly
- PC13.** inspect safe loading of finished goods as per SOP and record any damages
- PC14.** facilitate dispatch of the finished goods as per order received
- PC15.** check the delivery manifest with the pick list to ensure the correct products and quantity are being dispatched
- PC16.** follow-up with vendors and update the status of the dispatch in the system

Inspecting the warehouse storing in the storage area

To be competent, the user/individual on the job must be able to:



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- PC17.** Carry out checks of storage areas at regular intervals to ensure they meet organizational guidelines and remain fit for purpose
- PC18.** carry out stock checks to ensure that raw material, packaging material and finished goods are available in sufficient quantity at all times
- PC19.** carry out stock inspection at specified intervals to identify defects, leakages, defected sealing, labelling and impurities as per the SOP and cGMP
- PC20.** identify causes of defects to maintain quality
- PC21.** take up results of the findings with appropriate authority to incorporate process modifications to avoid defects
- PC22.** monitor rectified materials to ensure the problems have been solved
- PC23.** ensure inventory status is updated in the ERP concurrently based on transactions and inventory counts
- PC24.** take appropriate action to resolve problems with storage areas and the surrounding environment for damaged/expired goods
- PC25.** update bin cards along with environment monitoring records and coordinate with Facility Management Team to ensure product specific temperature requirements are maintained at all times

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** requirements for maintaining security and safety during delivery and storage of goods
- KU2.** organization's SOP for receiving and storing a range of products as per specifications
- KU3.** levels of hygiene required by storage area and importance of maintaining the same
- KU4.** different quality management systems (ISO-9000, ISO-14001, OHSAS-18000), good laboratory, manufacturing and storage practices
- KU5.** procedures that apply to receiving raw material including only receiving stock identified on the original order, expiry dates and batch numbers
- KU6.** storage requirements for different types of products and why they are important
- KU7.** risk and impact of not following defined procedures/work instructions
- KU8.** use computer applications/Software
- KU9.** pay attention to detail for identifying non compliance/non -conforming stock or storage area

Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1.** use reading and comprehension skills to extract the relevant information from manuals, SOPs, storage instructions, memos, reports, job cards, and notes/comments
- GS2.** use written communication skills to maintain proper and concise records as per given format and compliant with ALCOA principle
- GS3.** use verbal communication skills in communicating the details of work done to appropriate people and during interaction with other teammates



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- GS4.** use planning and organizing skills in every activity planned and to achieve resource optimization
- GS5.** apply problem-solving skills to find solutions for workflow-related difficulties
- GS6.** apply critical thinking skills to analyze and identify when to report an issue/concern to the person and to deal with a colleague individually, depending on the type of concern

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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Prepare daily plan and allocate resources</i>	5	5	5	5
PC1. Obtain receipt, storage and dispatch details	-	-	-	-
PC2. Develop daily work plan factoring in priority cases, and cases requiring exceptional handling	-	-	-	-
PC3. Get the work plan approved from the manager and allocate tasks to workers and associates	-	-	-	-
PC4. Generate run-sheets for different tasks and distribute to workers and associates	-	-	-	-
PC5. check and confirm deliveries against the delivery note and original order to identify any discrepancies	-	-	-	-
PC6. budget and allocate the requisite MHE for tasks at hand	-	-	-	-
<i>Supervise raw material, finished goods and dispatch operations</i>	10	20	5	5
PC7. Check the mandatory documentation on receipt before unloading on receipt of stock and ensure right quantity is received as per the documentation	-	-	-	-
PC8. Inspect the goods in receipt for correct labelling/defects/breakage and other quality parameters as per PO (purchase order)	-	-	-	-
PC9. perform visual inspection and inform quality team for testing of goods	-	-	-	-
PC10. check that the goods are quarantined as per SOP	-	-	-	-
PC11. supervise segregation of damaged goods and act as per SOP and in consultation with Manager	-	-	-	-
PC12. collate month wise rejection reports for incoming, in-process and outbound goods, generate required reports to be sent to vendors and initiate action for improvements accordingly	-	-	-	-

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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC13. inspect safe loading of finished goods as per SOP and record any damages	-	-	-	-
PC14. facilitate dispatch of the finished goods as per order received	-	-	-	-
PC15. check the delivery manifest with the pick list to ensure the correct products and quantity are being dispatched	-	-	-	-
PC16. follow-up with vendors and update the status of the dispatch in the system	-	-	-	-
<i>Inspecting the warehouse storing in the storage area</i>	10	20	5	5
PC17. Carry out checks of storage areas at regular intervals to ensure they meet organizational guidelines and remain fit for purpose	-	-	-	-
PC18. carry out stock checks to ensure that raw material, packaging material and finished goods are available in sufficient quantity at all times	-	-	-	-
PC19. carry out stock inspection at specified intervals to identify defects, leakages, defected sealing, labelling and impurities as per the SOP and cGMP	-	-	-	-
PC20. identify causes of defects to maintain quality	-	-	-	-
PC21. take up results of the findings with appropriate authority to incorporate process modifications to avoid defects	-	-	-	-
PC22. monitor rectified materials to ensure the problems have been solved	-	-	-	-
PC23. ensure inventory status is updated in the ERP concurrently based on transactions and inventory counts	-	-	-	-
PC24. take appropriate action to resolve problems with storage areas and the surrounding environment for damaged/expired goods	-	-	-	-



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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC25. update bin cards along with environment monitoring records and coordinate with Facility Management Team to ensure product specific temperature requirements are maintained at all times	-	-	-	-
NOS Total	25	45	15	15



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National Occupational Standards (NOS) Parameters

NOS Code	LFS/N0601
NOS Name	Supervise warehouse operations
Sector	Life Sciences
Sub-Sector	Pharmaceutical, Bio Pharmaceutical and Contract Research
Occupation	Supply Chain Management
NSQF Level	4
Credits	3.0
Version	2.0
Last Reviewed Date	NA
Next Review Date	28/07/2025
NSQC Clearance Date	28/07/2022



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LFS/N0602: Carry out reporting and documentation for appropriate storage of material/products

Description

This NOS unit is about the job holder to carry out reporting and documentation for appropriate storage of material/products

Scope

The scope covers the following :

- Reporting quality issues and test results
- Recording and documentation

Elements and Performance Criteria

Reporting quality issues and test results

To be competent, the user/individual on the job must be able to:

- PC1.** report defects/ problem/ incidents /quality issues/ test results as applicable in a timely manner
- PC2.** report to the appropriate authority as laid down by the company
- PC3.** follow reporting procedures as prescribed by the company and cGMP

Recording and documentation

To be competent, the user/individual on the job must be able to:

- PC4.** Prepare and submit daily/weekly/monthly reports on receipt and dispatch performance, pending activities, worker productivity and others as per SOP.
- PC5.** Review and monitor the work of the assistants, executives and contractual workforce, and check for accuracy of documentation and task performance.
- PC6.** Maintain documents regarding stock received and stock rotation.
- PC7.** Maintain documents regarding damaged goods and disposal methods.
- PC8.** Maintain documents regarding storage techniques.
- PC9.** Identify documentation to be completed relating to one's role as per cGMP.
- PC10.** Record details accurately in an appropriate format.
- PC11.** Accurately document the results of the inspections and testing.
- PC12.** Maintain all controlled document files and test records in a timely and accurate manner.
- PC13.** Ensure that the final document meets regulatory and compliance requirements.
- PC14.** Make sure documents are available to all appropriate authorities to inspect.
- PC15.** Update tracker of stored inventory.
- PC16.** Evaluate problems and make initial recommendations for possible corrective action to supervise.
- PC17.** Perform review of records and other documentation for compliance to established procedures and good documentation practices.



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PC18. Write and update the inspection procedures, protocols and checklists.

PC19. Prepare inspection reports as per the inspection activity performed.

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** company manual , SOP , types of documentation used in the organization and its importance
- KU2.** risk and impact of not following defined procedures/work instructions
- KU3.** impact of various documentations practices on cost, quality, productivity, delivery and safety
- KU4.** how to carry out good stock management
- KU5.** importance of complete and accurate documentation
- KU6.** relevant legislative responsibilities and workplace systems for recording information on dispensed pharmaceutical materials and related workplace coding and labelling systems and purpose
- KU7.** principles of good documentation practices and visual standards applied in the workplace
- KU8.** escalation matrix for reporting identified issues
- KU9.** importance of identifying non-conforming materials
- KU10.** use of computer applications/software

Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1.** use written communication skills to record information accurately in compliance with ALCOA principles as per SOP and GMP guidelines in the English language
- GS2.** use reading and comprehension skills to read the various coding systems, instructions ,prescription, guidelines, procedures, rules, and signage
- GS3.** use listening skills to interpret the instructions, procedures and alarms
- GS4.** use verbal communication skills to interact with supervisor, teammates, cross-functional teams and customers as applicable
- GS5.** apply problem-solving skills to find solutions for workflow-related difficulties
- GS6.** apply planning and organizing skills to plan and organize tools and material required to fulfil documentation related requirements
- GS7.** apply critical thinking skills to analyze and identify what and when to report an issue/concern to the supervisor/ QA team / any other stakeholder
- GS8.** apply customer-centricity while generating and securing documents
- GS9.** apply customer-centricity to remain compliant with data integrity rules, GMP guidelines and to evaluate the impact of errors
- GS10.** apply decision-making skills to make balanced judgments within the authority while dealing with daily work-life situations

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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Reporting quality issues and test results</i>	10	25	7	6
PC1. report defects/ problem/ incidents /quality issues/ test results as applicable in a timely manner	-	-	-	-
PC2. report to the appropriate authority as laid down by the company	-	-	-	-
PC3. follow reporting procedures as prescribed by the company and cGMP	-	-	-	-
<i>Recording and documentation</i>	15	20	8	9
PC4. Prepare and submit daily/weekly/monthly reports on receipt and dispatch performance, pending activities, worker productivity and others as per SOP.	-	-	-	-
PC5. Review and monitor the work of the assistants, executives and contractual workforce, and check for accuracy of documentation and task performance.	-	-	-	-
PC6. Maintain documents regarding stock received and stock rotation.	-	-	-	-
PC7. Maintain documents regarding damaged goods and disposal methods.	-	-	-	-
PC8. Maintain documents regarding storage techniques.	-	-	-	-
PC9. Identify documentation to be completed relating to one's role as per cGMP.	-	-	-	-
PC10. Record details accurately in an appropriate format.	-	-	-	-
PC11. Accurately document the results of the inspections and testing.	-	-	-	-
PC12. Maintain all controlled document files and test records in a timely and accurate manner.	-	-	-	-



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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC13. Ensure that the final document meets regulatory and compliance requirements.	-	-	-	-
PC14. Make sure documents are available to all appropriate authorities to inspect.	-	-	-	-
PC15. Update tracker of stored inventory.	-	-	-	-
PC16. Evaluate problems and make initial recommendations for possible corrective action to supervise.	-	-	-	-
PC17. Perform review of records and other documentation for compliance to established procedures and good documentation practices.	-	-	-	-
PC18. Write and update the inspection procedures, protocols and checklists.	-	-	-	-
PC19. Prepare inspection reports as per the inspection activity performed.	-	-	-	-
NOS Total	25	45	15	15



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National Occupational Standards (NOS) Parameters

NOS Code	LFS/N0602
NOS Name	Carry out reporting and documentation for appropriate storage of material/products
Sector	Life Sciences
Sub-Sector	Pharmaceutical, Bio Pharmaceutical, Contract Research
Occupation	Supply Chain Management
NSQF Level	4
Credits	2.00
Version	2.0
Last Reviewed Date	NA
Next Review Date	28/07/2025
NSQC Clearance Date	28/07/2022



Qualification Pack

LFS/N0656: Supervise waste disposal as per environment sustainable practices

Description

This NOS is about a person who Supervises waste disposal as per environment sustainable practices

Scope

The scope covers the following :

- Supervise Non-conforming waste material

Elements and Performance Criteria

Supervise Non-conforming waste material

To be competent, the user/individual on the job must be able to:

- PC1.** Dispose the non-conforming waste material
- PC2.** Follow the standards and procedures as mentioned in GMP while disposing defective materials
- PC3.** Identify and analyze any problems that may arise while disposing the materials
- PC4.** Suggest corrective action to address problems
- PC5.** Review effectiveness of corrective action
- PC6.** Undertake safe disposal of damaged goods and its documentation based on inputs from client and directions from manager
- PC7.** Dispose the waste garnered from the activity as per SOP
- PC8.** Maintain documents regarding damaged goods and disposal methods
- PC9.** Undertake safe disposal of damaged goods and its documentation based on inputs from client and directions from manager

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** the WHO guidelines and ICH-cGMP rules for waste disposal and waste management
- KU2.** implications of defective goods on production of final products
- KU3.** relevant legislative responsibilities and workplace systems for recording information on dispensed pharmaceutical materials
- KU4.** principles of good inspection practices and visual standards applied in the workplace
- KU5.** different techniques/inspection methods used to identify defects
- KU6.** disposal of non-conforming and rejected samples
- KU7.** purpose and basic principles of the dispensing process, including the characteristics of finished goods and related handling requirements

Generic Skills (GS)



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User/individual on the job needs to know how to:

- GS1.** use written communication skills to record information accurately in compliance with ALCOA principles as per SOP and GMP guidelines in the English language
- GS2.** use reading and comprehension skills to read the various coding systems, instructions, guidelines, procedures, rules, and signage
- GS3.** use listening skills to understand the instructions, procedures and alarms
- GS4.** use verbal communication skills to interact with teammates, cross-functional teams and higher authorities
- GS5.** use team-building skills while dealing with teammates and while managing the difficult/stressful or emotional situations at work
- GS6.** apply problem-solving skills to find solutions for workflow-related difficulties
- GS7.** apply decision-making skills to make balanced judgments within the authority while dealing with daily work-life situations



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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Supervise Non-conforming waste material</i>	30	50	10	10
PC1. Dispose the non-conforming waste material	-	-	-	-
PC2. Follow the standards and procedures as mentioned in GMP while disposing defective materials	-	-	-	-
PC3. Identify and analyze any problems that may arise while disposing the materials	-	-	-	-
PC4. Suggest corrective action to address problems	-	-	-	-
PC5. Review effectiveness of corrective action	-	-	-	-
PC6. Undertake safe disposal of damaged goods and its documentation based on inputs from client and directions from manager	-	-	-	-
PC7. Dispose the waste garnered from the activity as per SOP	-	-	-	-
PC8. Maintain documents regarding damaged goods and disposal methods	-	-	-	-
PC9. Undertake safe disposal of damaged goods and its documentation based on inputs from client and directions from manager	-	-	-	-
NOS Total	30	50	10	10



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National Occupational Standards (NOS) Parameters

NOS Code	LFS/N0656
NOS Name	Supervise waste disposal as per environment sustainable practices
Sector	Life Sciences
Sub-Sector	Pharmaceutical, Bio Pharmaceutical and Contract Research
Occupation	Supply Chain Management
NSQF Level	4
Credits	2.00
Version	2.0
Last Reviewed Date	NA
Next Review Date	28/07/2025
NSQC Clearance Date	28/07/2022



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LFS/N0118: Coordinate with supervisor, teammates, and cross-functional teams

Description

This NOS is about coordinating with supervisor and other cross-functional teams to perform various activities.

Scope

The scope covers the following :

- Coordination with the supervisor
- Coordination with functional teams
- Coordination with Cross-functional teams and other stakeholders
- Sensitivity towards all genders and people with disability

Elements and Performance Criteria

Coordination with the supervisor

To be competent, the user/individual on the job must be able to:

- PC1.** coordinate with the reporting manager to obtain work instructions
- PC2.** report problems related to facility, equipment, and material availability to the supervisor
- PC3.** provide the requisite information, documents, clarifications to manager regarding the work done

Coordination with functional teams

To be competent, the user/individual on the job must be able to:

- PC4.** perform shift takeover/ handover from colleagues in previous shift/ to colleagues in the next shift as per defined guidelines
- PC5.** communicate workflow related difficulties to find solutions

Coordination with cross-functional teams and other stakeholders

To be competent, the user/individual on the job must be able to:

- PC6.** follow the instructions of QA team for any GMP compliant process
- PC7.** coordinate with the store supervisor for the stocks of materials required
- PC8.** coordinate with Environment, Health and Safety team for safety incidents and accidental hazard in the work area
- PC9.** ensure to provide requested information, documents, clarifications during audits

Sensitivity towards all genders and people with disability

To be competent, the user/individual on the job must be able to:

- PC10.** respect all genders, religions, caste, and cultures
- PC11.** empathize with the people with disability
- PC12.** offer support or help to a person with disability only when asked
- PC13.** adhere with the guidelines laid in Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act



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- PC14.** report any violation of prevention of sexual harassment (POSH) rules immediately to the POSH committee

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** the company's policies on the preferred language of communication, reporting and escalation policy
- KU2.** the methods of workplace communication
- KU3.** the method of responding to audit queries for own work
- KU4.** the shift handover/ takeover procedure in life sciences manufacturing units
- KU5.** the guidelines laid on Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act
- KU6.** the methods of team coordination
- KU7.** the types of possible disabilities among people with disability (PwD)
- KU8.** the challenges faced by PwD
- KU9.** the importance of displaying empathy towards PwD
- KU10.** the right way to use the laws acts, and provisions defined for PwD by the statutory bodies
- KU11.** the importance of awareness for gender sensitization and prevention of sexual harassment (POSH) act
- KU12.** the importance of respect for gender identities, all religion, caste, and culture

Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1.** use written communication skills to accurately record the information required to be reported as per SOP and GMP guidelines in the english/ local language
- GS2.** use reading and comprehension skills to interpret the various coding systems, instructions, guidelines, procedures, rules, and signages
- GS3.** use listening skills to interpret the instructions and procedures to be followed
- GS4.** use verbal communication skills to interact with teammates, supervisor, and cross-functional teams
- GS5.** use team-building skills while interacting with teammates and while managing the difficult/stressful or emotional situations at work
- GS6.** apply problem-solving skills to find solutions for workflow-related difficulties
- GS7.** apply planning and organizing skills to plan and organize tools and material required to fulfil work requirements
- GS8.** apply decision-making skills to make balanced judgments within the authority while dealing with daily work-life situations with clear choices and written instructions

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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Coordination with the supervisor</i>	5	10	5	5
PC1. coordinate with the reporting manager to obtain work instructions	-	-	-	-
PC2. report problems related to facility, equipment, and material availability to the supervisor	-	-	-	-
PC3. provide the requisite information, documents, clarifications to manager regarding the work done	-	-	-	-
<i>Coordination with functional teams</i>	5	15	3	2
PC4. perform shift takeover/ handover from colleagues in previous shift/ to colleagues in the next shift as per defined guidelines	-	-	-	-
PC5. communicate workflow related difficulties to find solutions	-	-	-	-
<i>Coordination with cross-functional teams and other stakeholders</i>	5	10	5	5
PC6. follow the instructions of QA team for any GMP compliant process	-	-	-	-
PC7. coordinate with the store supervisor for the stocks of materials required	-	-	-	-
PC8. coordinate with Environment, Health and Safety team for safety incidents and accidental hazard in the work area	-	-	-	-
PC9. ensure to provide requested information, documents, clarifications during audits	-	-	-	-
<i>Sensitivity towards all genders and people with disability</i>	5	10	5	5
PC10. respect all genders, religions, caste, and cultures	-	-	-	-
PC11. empathize with the people with disability	-	-	-	-



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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC12. offer support or help to a person with disability only when asked	-	-	-	-
PC13. adhere with the guidelines laid in Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act	-	-	-	-
PC14. report any violation of prevention of sexual harassment (POSH) rules immediately to the POSH committee	-	-	-	-
NOS Total	20	45	18	17



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National Occupational Standards (NOS) Parameters

NOS Code	LFS/N0118
NOS Name	Coordinate with supervisor, teammates, and cross-functional teams
Sector	Life Sciences
Sub-Sector	Pharmaceutical, Bio Pharmaceutical, Contract Research
Occupation	Generic
NSQF Level	3
Credits	1.00
Version	2.0
Last Reviewed Date	30/12/2021
Next Review Date	30/12/2024
NSQC Clearance Date	28/07/2022



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LFS/N0113: Ensure a hygienic and clean work area to avoid contamination

Description

This NOS unit is about maintaining hygienic and clean work area to avoid contamination

Scope

The scope covers the following :

- Sanitation activities before starting the work
- Sanitation activities during work
- Sanitation activities post completion of work

Elements and Performance Criteria

sanitation activities before starting the work

To be competent, the user/individual on the job must be able to:

- PC1.** inspect the area and machine, taking into account various surfaces
- PC2.** check for cleaning validation tag on machines and accessories
- PC3.** ensure to clean the area or machine part as per SOP, in case of any stain on floor or machine
- PC4.** perform the cleaning validation in the presence of authorized personnel or QA inspector
- PC5.** ensure that there is adequate ventilation for the work being carried out
- PC6.** handle the cleaning material/reagent only after wearing the personal protective equipment required for the cleaning method
- PC7.** segregate and store the chemicals/ material with an appropriate label in designated places to avoid contamination

Sanitation activities during work

To be competent, the user/individual on the job must be able to:

- PC8.** deal with accidental spillage, if any, caused while carrying out the work and clean as per SOP
- PC9.** segregate and store the intermediate material with an appropriate label in designated places to avoid contamination
- PC10.** report any additional cleaning requirement that is outside one's purview, to the appropriate person
- PC11.** segregate, store and dispose of the rejected products or generated waste as per SOP under the supervision of supervisor and EHS personnel

Sanitation activities after completion of work

To be competent, the user/individual on the job must be able to:

- PC12.** ensure that there is no oily substance on the floor to avoid slippage
- PC13.** ensure that no scrap material is lying around
- PC14.** perform the cleaning of the equipment after every batch production as per SOP
- PC15.** perform the cleaning validation of the equipment in the presence of designated authorized personnel and QA inspector



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- PC16.** ensure that, on completion of the work, the area is left clean and dry and meets WHO and GMP requirements of sanitized premises
- PC17.** place the trolley, equipment, materials and personal protective equipment at the designated place after use, ensuring they are clean and securely stored
- PC18.** dispose of the waste garnered from the activity as per SOP
- PC19.** dispose of used and un-used solutions according to manufacturer's instructions, and clean the equipment thoroughly

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** levels of hygiene required by production area and the importance of maintaining the same
- KU2.** methodology for production area inspection with methods and materials required for cleaning a variety of surfaces and equipment
- KU3.** the method to check the treated surface and equipment on completion of cleaning
- KU4.** procedures for reporting any unidentified soiling or any deviation for cleaning validation
- KU5.** role of different materials, chemicals, and equipment in cleaning and sanitation of production area
- KU6.** Good Manufacturing Practices (GMP) and WHO guidelines for cleaning/ sanitation activity and maintaining hygiene
- KU7.** cleaning validation process
- KU8.** waste disposal guidelines as per WHO and GMP and relevant organizational SOPs

Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1.** use written communication skills to record and communicate details of work done to appropriate people using written/typed report and electronic mail
- GS2.** use verbal communication skills to communicate with supervisor, cross-functional teams and auditors effectively
- GS3.** use critical thinking skills to interpret the various coding systems as per company norms and in identifying the non-compliance while performing the area inspection
- GS4.** apply customer centricity at work
- GS5.** apply problem-solving and decision making while dealing with any deviation

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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>sanitation activities before starting the work</i>	10	10	5	5
PC1. inspect the area and machine, taking into account various surfaces	-	-	-	-
PC2. check for cleaning validation tag on machines and accessories	-	-	-	-
PC3. ensure to clean the area or machine part as per SOP, in case of any stain on floor or machine	-	-	-	-
PC4. perform the cleaning validation in the presence of authorized personnel or QA inspector	-	-	-	-
PC5. ensure that there is adequate ventilation for the work being carried out	-	-	-	-
PC6. handle the cleaning material/reagent only after wearing the personal protective equipment required for the cleaning method	-	-	-	-
PC7. segregate and store the chemicals/ material with an appropriate label in designated places to avoid contamination	-	-	-	-
<i>Sanitation activities during work</i>	10	20	5	5
PC8. deal with accidental spillage, if any, caused while carrying out the work and clean as per SOP	-	-	-	-
PC9. segregate and store the intermediate material with an appropriate label in designated places to avoid contamination	-	-	-	-
PC10. report any additional cleaning requirement that is outside one's purview, to the appropriate person	-	-	-	-
PC11. segregate, store and dispose of the rejected products or generated waste as per SOP under the supervision of supervisor and EHS personnel	-	-	-	-
<i>Sanitation activities after completion of work</i>	10	10	5	5



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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC12. ensure that there is no oily substance on the floor to avoid slippage	-	-	-	-
PC13. ensure that no scrap material is lying around	-	-	-	-
PC14. perform the cleaning of the equipment after every batch production as per SOP	-	-	-	-
PC15. perform the cleaning validation of the equipment in the presence of designated authorized personnel and QA inspector	-	-	-	-
PC16. ensure that, on completion of the work, the area is left clean and dry and meets WHO and GMP requirements of sanitized premises	-	-	-	-
PC17. place the trolley, equipment, materials and personal protective equipment at the designated place after use, ensuring they are clean and securely stored	-	-	-	-
PC18. dispose of the waste garnered from the activity as per SOP	-	-	-	-
PC19. dispose of used and un-used solutions according to manufacturer's instructions, and clean the equipment thoroughly	-	-	-	-
NOS Total	30	40	15	15



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	LFS/N0113
NOS Name	Ensure a hygienic and clean work area to avoid contamination
Sector	Life Sciences
Sub-Sector	Pharmaceutical, Bio Pharmaceutical, Contract Research
Occupation	Generic
NSQF Level	4
Credits	1.00
Version	2.0
Last Reviewed Date	30/09/2021
Next Review Date	30/12/2024
NSQC Clearance Date	30/12/2021



Qualification Pack

LFS/N0101: Follow Environment ,health and safety guidelines in GMP/GLP controlled areas and laboratory

Description

This job function is about following the guidelines and rules for health, safety, environment, and security in the laboratory.

Scope

The scope covers the following :

- Follow health and hygiene protocols
- Follow safety and security procedures
- Follow emergency procedures

Elements and Performance Criteria

Follow health and hygiene protocols

To be competent, the user/individual on the job must be able to:

- PC1.** comply with health and personal hygiene-related protocols as per WHO standards and ICH GMP/GLP guidelines
- PC2.** sanitize hands with soap/alcohol based sanitizers before entering in laboratory and production area as per SOP
- PC3.** ensure to wear a lab coat while working in the laboratory
- PC4.** follow gowning procedures while entering in an environment-controlled work area like production shop floor, warehouse etc.
- PC5.** report any environment-related breach while working in laboratory to the lab in-charge or EHS personnel
- PC6.** disinfect the instruments and equipment before and after work as per workplace health and sanitization guidelines

Follow safety and security procedures

To be competent, the user/individual on the job must be able to:

- PC7.** comply with safety and security policies and procedures
- PC8.** use appropriate safety gears like headgear, masks, gloves and other accessories as mentioned in the guidelines, while carrying out work
- PC9.** report any identified breaches/ incidents/ accidents to the designated person
- PC10.** segregate and store sample/ chemicals/ waste material as per 5S system and SOP
- PC11.** adhere to storage and handling guidelines for hazardous material as per MSDS
- PC12.** take preventive actions against hazards in laboratory by following the safety instructions/guidelines as per MSDS and inform the concerned authority for the same
- PC13.** perform quenching of waste/unused and expired reagents and chemicals using environment sustainable methods under supervision of lab in charge and EHS personnel
- PC14.** complete training records with accuracy for all the attended safety drills and training



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Follow emergency procedures

To be competent, the user/individual on the job must be able to:

- PC15.** inform the concerned designated person immediately about every unsafe act/ incident (spill, fall, injury, toxic inhale, fire or explosion) for suitable action
- PC16.** follow emergency procedures efficiently
- PC17.** raise alarm and warn other people who may be affected by hazard/unsafe incident

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** individual's role and responsibilities in relation to compliance with environment, health, hygiene and safety rules
- KU2.** the relevant laws and procedures related to the environment, health, and safety regulations
- KU3.** the implications that any non-compliance with health, safety and security may have on individuals and the organization
- KU4.** the limits of individual responsibility for dealing with hazards
- KU5.** workplace hazards in life sciences facility and reporting procedure for accident/ hazard as per GMP guidelines
- KU6.** the characteristics of chemical substances, precaution and safety measures required while handling them
- KU7.** the gowning procedure for controlled areas
- KU8.** the organization's emergency procedures for different situations and the importance of following these
- KU9.** the evacuation procedures for employees, contract staff and visitors
- KU10.** the procedure to summon medical assistance and the emergency services in case of necessity
- KU11.** the types of breaches in the environment, health, safety, and security and their reporting procedures
- KU12.** the type of safety gears and procedure to use them
- KU13.** the importance of material segregation and 5S system
- KU14.** the WHO guidelines for personal hygiene, handling and storing hazardous material
- KU15.** the ALCOA principles for documentation and data integrity

Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1.** use written communication skills to accurately record the required information to be reported as per SOP
- GS2.** use reading and comprehension skills for interpreting the various coding systems and to read instructions, guidelines, procedures, rules, and signage to understand the procedure to be followed
- GS3.** use listening skills to act appropriately on the emergency alarms



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- GS4.** use verbal communication skills to interact with teammates, lab in charge and cross-functional teams to communicate about hazards, safety instructions and accidents
- GS5.** apply problem-solving skills to find solutions for workflow-related difficulties
- GS6.** apply planning and organizing skills to plan and organize tools and material required for work to fulfil environment, health, safety and security requirements
- GS7.** apply critical thinking skills to analyze and identify when to report an issue/concern to the lab in charge and when to deal with a colleague individually, depending on the type of concern
- GS8.** use critical thinking skills to ascertain the breach/ compliance of EHS protocols
- GS9.** apply customer centricity to remain compliant with data integrity rules, GMP guidelines
- GS10.** apply decision-making skills to make balanced judgments within the authority in different situations while dealing with the hazards and breaches

Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Follow health and hygiene protocols</i>	10	20	-	5
PC1. comply with health and personal hygiene-related protocols as per WHO standards and ICH GMP/GLP guidelines	-	-	-	-
PC2. sanitize hands with soap/alcohol based sanitizers before entering in laboratory and production area as per SOP	-	-	-	-
PC3. ensure to wear a lab coat while working in the laboratory	-	-	-	-
PC4. follow gowning procedures while entering in an environment-controlled work area like production shop floor, warehouse etc.	-	-	-	-
PC5. report any environment-related breach while working in laboratory to the lab in-charge or EHS personnel	-	-	-	-
PC6. disinfect the instruments and equipment before and after work as per workplace health and sanitization guidelines	-	-	-	-
<i>Follow safety and security procedures</i>	10	20	-	5
PC7. comply with safety and security policies and procedures	-	-	-	-
PC8. use appropriate safety gears like headgear, masks, gloves and other accessories as mentioned in the guidelines, while carrying out work	-	-	-	-
PC9. report any identified breaches/ incidents/ accidents to the designated person	-	-	-	-
PC10. segregate and store sample/ chemicals/ waste material as per 5S system and SOP	-	-	-	-
PC11. adhere to storage and handling guidelines for hazardous material as per MSDS	-	-	-	-



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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC12. take preventive actions against hazards in laboratory by following the safety instructions/guidelines as per MSDS and inform the concerned authority for the same	-	-	-	-
PC13. perform quenching of waste/unused and expired reagents and chemicals using environment sustainable methods under supervision of lab in charge and EHS personnel	-	-	-	-
PC14. complete training records with accuracy for all the attended safety drills and training	-	-	-	-
<i>Follow emergency procedures</i>	10	15	-	5
PC15. inform the concerned designated person immediately about every unsafe act/ incident (spill, fall, injury, toxic inhale, fire or explosion) for suitable action	-	-	-	-
PC16. follow emergency procedures efficiently	-	-	-	-
PC17. raise alarm and warn other people who may be affected by hazard/unsafe incident	-	-	-	-
NOS Total	30	55	-	15



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	LFS/N0101
NOS Name	Follow Environment ,health and safety guidelines in GMP/GLP controlled areas and laboratory
Sector	Life Sciences
Sub-Sector	Pharmaceutical, Bio Pharmaceutical, Contract Research
Occupation	Generic
NSQF Level	4
Credits	1.00
Version	3.0
Last Reviewed Date	NA
Next Review Date	30/12/2024
NSQC Clearance Date	30/12/2021



Qualification Pack

DGT/VSQ/N0102: Employability Skills (60 Hours)

Description

This unit is about employability skills, Constitutional values, becoming a professional in the 21st Century, digital, financial, and legal literacy, diversity and Inclusion, English and communication skills, customer service, entrepreneurship, and apprenticeship, getting ready for jobs and career development.

Scope

The scope covers the following :

- Introduction to Employability Skills
- Constitutional values - Citizenship
- Becoming a Professional in the 21st Century
- Basic English Skills
- Career Development & Goal Setting
- Communication Skills
- Diversity & Inclusion
- Financial and Legal Literacy
- Essential Digital Skills
- Entrepreneurship
- Customer Service
- Getting ready for Apprenticeship & Jobs

Elements and Performance Criteria

Introduction to Employability Skills

To be competent, the user/individual on the job must be able to:

- PC1.** identify employability skills required for jobs in various industries
- PC2.** identify and explore learning and employability portals

Constitutional values – Citizenship

To be competent, the user/individual on the job must be able to:

- PC3.** 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.
- PC4.** follow environmentally sustainable practices

Becoming a Professional in the 21st Century

To be competent, the user/individual on the job must be able to:

- PC5.** recognize the significance of 21st Century Skills for employment
- PC6.** 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

Basic English Skills

To be competent, the user/individual on the job must be able to:



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- PC7.** use basic English for everyday conversation in different contexts, in person and over the telephone
- PC8.** read and understand routine information, notes, instructions, mails, letters etc. written in English
- PC9.** write short messages, notes, letters, e-mails etc. in English

Career Development & Goal Setting

To be competent, the user/individual on the job must be able to:

- PC10.** understand the difference between job and career
- PC11.** prepare a career development plan with short- and long-term goals, based on aptitude

Communication Skills

To be competent, the user/individual on the job must be able to:

- PC12.** follow verbal and non-verbal communication etiquette and active listening techniques in various settings
- PC13.** work collaboratively with others in a team

Diversity & Inclusion

To be competent, the user/individual on the job must be able to:

- PC14.** communicate and behave appropriately with all genders and PwD
- PC15.** escalate any issues related to sexual harassment at workplace according to POSH Act

Financial and Legal Literacy

To be competent, the user/individual on the job must be able to:

- PC16.** select financial institutions, products and services as per requirement
- PC17.** carry out offline and online financial transactions, safely and securely
- PC18.** identify common components of salary and compute income, expenses, taxes, investments etc
- PC19.** identify relevant rights and laws and use legal aids to fight against legal exploitation

Essential Digital Skills

To be competent, the user/individual on the job must be able to:

- PC20.** operate digital devices and carry out basic internet operations securely and safely
- PC21.** use e- mail and social media platforms and virtual collaboration tools to work effectively
- PC22.** use basic features of word processor, spreadsheets, and presentations

Entrepreneurship

To be competent, the user/individual on the job must be able to:

- PC23.** identify different types of Entrepreneurship and Enterprises and assess opportunities for potential business through research
- PC24.** develop a business plan and a work model, considering the 4Ps of Marketing Product, Price, Place and Promotion
- PC25.** identify sources of funding, anticipate, and mitigate any financial/ legal hurdles for the potential business opportunity

Customer Service

To be competent, the user/individual on the job must be able to:

- PC26.** identify different types of customers
- PC27.** identify and respond to customer requests and needs in a professional manner.



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PC28. follow appropriate hygiene and grooming standards

Getting ready for apprenticeship & Jobs

To be competent, the user/individual on the job must be able to:

PC29. create a professional Curriculum vitae (Résumé)

PC30. search for suitable jobs using reliable offline and online sources such as Employment exchange, recruitment agencies, newspapers etc. and job portals, respectively

PC31. apply to identified job openings using offline /online methods as per requirement

PC32. answer questions politely, with clarity and confidence, during recruitment and selection

PC33. identify apprenticeship opportunities and register for it as per guidelines and requirements

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

KU1. need for employability skills and different learning and employability related portals

KU2. various constitutional and personal values

KU3. different environmentally sustainable practices and their importance

KU4. Twenty first (21st) century skills and their importance

KU5. how to use English language for effective verbal (face to face and telephonic) and written communication in formal and informal set up

KU6. importance of career development and setting long- and short-term goals

KU7. about effective communication

KU8. POSH Act

KU9. Gender sensitivity and inclusivity

KU10. different types of financial institutes, products, and services

KU11. how to compute income and expenditure

KU12. importance of maintaining safety and security in offline and online financial transactions

KU13. different legal rights and laws

KU14. different types of digital devices and the procedure to operate them safely and securely

KU15. how to create and operate an e- mail account and use applications such as word processors, spreadsheets etc.

KU16. how to identify business opportunities

KU17. types and needs of customers

KU18. how to apply for a job and prepare for an interview

KU19. apprenticeship scheme and the process of registering on apprenticeship portal

Generic Skills (GS)

User/individual on the job needs to know how to:

GS1. read and write different types of documents/instructions/correspondence

GS2. communicate effectively using appropriate language in formal and informal settings



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- GS3.** behave politely and appropriately with all
- GS4.** how to work in a virtual mode
- GS5.** perform calculations efficiently
- GS6.** solve problems effectively
- GS7.** pay attention to details
- GS8.** manage time efficiently
- GS9.** maintain hygiene and sanitization to avoid infection

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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Introduction to Employability Skills</i>	1	1	-	-
PC1. identify employability skills required for jobs in various industries	-	-	-	-
PC2. identify and explore learning and employability portals	-	-	-	-
<i>Constitutional values – Citizenship</i>	1	1	-	-
PC3. 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.	-	-	-	-
PC4. follow environmentally sustainable practices	-	-	-	-
<i>Becoming a Professional in the 21st Century</i>	2	4	-	-
PC5. recognize the significance of 21st Century Skills for employment	-	-	-	-
PC6. 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	-	-	-	-
<i>Basic English Skills</i>	2	3	-	-
PC7. use basic English for everyday conversation in different contexts, in person and over the telephone	-	-	-	-
PC8. read and understand routine information, notes, instructions, mails, letters etc. written in English	-	-	-	-
PC9. write short messages, notes, letters, e-mails etc. in English	-	-	-	-
<i>Career Development & Goal Setting</i>	1	2	-	-

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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC10. understand the difference between job and career	-	-	-	-
PC11. prepare a career development plan with short- and long-term goals, based on aptitude	-	-	-	-
<i>Communication Skills</i>	2	2	-	-
PC12. follow verbal and non-verbal communication etiquette and active listening techniques in various settings	-	-	-	-
PC13. work collaboratively with others in a team	-	-	-	-
<i>Diversity & Inclusion</i>	1	2	-	-
PC14. communicate and behave appropriately with all genders and PwD	-	-	-	-
PC15. escalate any issues related to sexual harassment at workplace according to POSH Act	-	-	-	-
<i>Financial and Legal Literacy</i>	2	3	-	-
PC16. select financial institutions, products and services as per requirement	-	-	-	-
PC17. carry out offline and online financial transactions, safely and securely	-	-	-	-
PC18. identify common components of salary and compute income, expenses, taxes, investments etc	-	-	-	-
PC19. identify relevant rights and laws and use legal aids to fight against legal exploitation	-	-	-	-
<i>Essential Digital Skills</i>	3	4	-	-
PC20. operate digital devices and carry out basic internet operations securely and safely	-	-	-	-
PC21. use e- mail and social media platforms and virtual collaboration tools to work effectively	-	-	-	-
PC22. use basic features of word processor, spreadsheets, and presentations	-	-	-	-

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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Entrepreneurship</i>	2	3	-	-
PC23. identify different types of Entrepreneurship and Enterprises and assess opportunities for potential business through research	-	-	-	-
PC24. develop a business plan and a work model, considering the 4Ps of Marketing Product, Price, Place and Promotion	-	-	-	-
PC25. identify sources of funding, anticipate, and mitigate any financial/ legal hurdles for the potential business opportunity	-	-	-	-
<i>Customer Service</i>	1	2	-	-
PC26. identify different types of customers	-	-	-	-
PC27. identify and respond to customer requests and needs in a professional manner.	-	-	-	-
PC28. follow appropriate hygiene and grooming standards	-	-	-	-
<i>Getting ready for apprenticeship & Jobs</i>	2	3	-	-
PC29. create a professional Curriculum vitae (Résumé)	-	-	-	-
PC30. search for suitable jobs using reliable offline and online sources such as Employment exchange, recruitment agencies, newspapers etc. and job portals, respectively	-	-	-	-
PC31. apply to identified job openings using offline /online methods as per requirement	-	-	-	-
PC32. answer questions politely, with clarity and confidence, during recruitment and selection	-	-	-	-
PC33. identify apprenticeship opportunities and register for it as per guidelines and requirements	-	-	-	-
NOS Total	20	30	-	-



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	DGT/VSQ/N0102
NOS Name	Employability Skills (60 Hours)
Sector	Cross Sectoral
Sub-Sector	Professional Skills
Occupation	Employability
NSQF Level	4
Credits	2
Version	1.0
Last Reviewed Date	08/05/2025
Next Review Date	08/05/2028
NSQC Clearance Date	08/05/2025



Qualification Pack

LFS/N0667: Supervise automated warehouse operations

Description

This NOS is about a person involved in supervision of automated warehouse operations

Scope

The scope covers the following :

- Oversee material storage
- Documentation

Elements and Performance Criteria

Oversee material storage

To be competent, the user/individual on the job must be able to:

- PC1.** Ensure correct usage of automated systems as per Standard Operating Procedure (SOP) for storage and dispensing of products.
- PC2.** Ensure correct usage of automated systems as per Standard Operating Procedure (SOP) for storage and dispensing of products.
- PC3.** Carryout inspection to ensure that all the system is working properly.
- PC4.** Supervise the maintenance of automated warehouse.
- PC5.** Prepare weekly & monthly warehouse reports.

Documentation

To be competent, the user/individual on the job must be able to:

- PC6.** Perform the documentation for all the entries as per SOP.
- PC7.** Maintain all original and controlled document files and quality records in a timely and accurate manner as per ALCOA PLUS principles.
- PC8.** Prepare inspection reports as per the inspection activity performed.
- PC9.** Respond to requests for information in an appropriate manner whilst following SOP.
- PC10.** Ensure that the final document meets with the regulatory requirements.
- PC11.** Ensure that documents are available to all appropriate authorities to inspect

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** automated warehouse SOP and product dispensing procedures.
- KU2.** Functioning of automated warehouse and administrative procedures required for receiving and storing goods
- KU3.** requirements for maintaining security and safety during delivery and storage of goods
- KU4.** administrative procedures required for receiving and storing goods
- KU5.** levels of hygiene required by storage area and importance of maintaining the same



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- KU6.** different quality management systems (ISO-9000, ISO-14001, OHSAS-18000), good laboratory, manufacturing and storage practices
- KU7.** correct methods of storage of goods according to good storage practices
- KU8.** risk and impact of not following defined procedures/work instructions
- KU9.** appropriately use the escalation matrix for complex decisions, including highlighting non compliances
- KU10.** use computer applications/Software
- KU11.** pay attention to detail for identifying non compliance/non -conforming stock or storage area

Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1.** use reading and comprehension skills to extract the relevant information from manuals, SOPs, storage instructions, memos, reports, job cards, and notes/comments
- GS2.** use written communication skills to maintain proper and concise records as per given format and compliant with ALCOA principle
- GS3.** use verbal communication skills in communicating the details of work done to appropriate people and during interaction with other teammates
- GS4.** use planning and organizing skills in every activity planned and to achieve resource optimization
- GS5.** apply critical thinking skills to analyze and identify when to report an issue/concern to the person and to deal with a colleague individually, depending on the type of concern

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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Oversee material storage</i>	10	20	10	10
PC1. Ensure correct usage of automated systems as per Standard Operating Procedure (SOP) for storage and dispensing of products.	-	-	-	-
PC2. Ensure correct usage of automated systems as per Standard Operating Procedure (SOP) for storage and dispensing of products.	-	-	-	-
PC3. Carryout inspection to ensure that all the system is working properly.	-	-	-	-
PC4. Supervise the maintenance of automated warehouse.	-	-	-	-
PC5. Prepare weekly & monthly warehouse reports.	-	-	-	-
<i>Documentation</i>	10	20	10	10
PC6. Perform the documentation for all the entries as per SOP.	-	-	-	-
PC7. Maintain all original and controlled document files and quality records in a timely and accurate manner as per ALCOA PLUS principles.	-	-	-	-
PC8. Prepare inspection reports as per the inspection activity performed.	-	-	-	-
PC9. Respond to requests for information in an appropriate manner whilst following SOP.	-	-	-	-
PC10. Ensure that the final document meets with the regulatory requirements.	-	-	-	-
PC11. Ensure that documents are available to all appropriate authorities to inspect	-	-	-	-
NOS Total	20	40	20	20



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	LFS/N0667
NOS Name	Supervise automated warehouse operations
Sector	Life Sciences
Sub-Sector	Pharmaceutical, Bio Pharmaceutical, Contract Research
Occupation	Supply Chain Management
NSQF Level	4
Credits	3.0
Version	1.0
Last Reviewed Date	NA
Next Review Date	28/07/2025
NSQC Clearance Date	28/07/2022

Assessment Guidelines and Assessment Weightage

Assessment Guidelines

1. Criteria for assessment for each Qualification Pack will be created by Life Sciences Sector Skill Development Council (LSSSDC)
2. Each Element will be assigned marks proportional to its importance in NOS. LSSSDC will also lay down the proportion of marks for Theory, Practical, Project, and Viva for each Element.
3. The assessment for the theory part will be based on the knowledge bank of questions created by the LSSSDC.
4. Assessment will be conducted for all compulsory NOS, and where applicable, on the selected elective/option NOS/set of NOS.
5. LSSSDC as assessment and awarding body will create unique evaluations for each assessment component i.e. theory, practical, project and viva for every student at each examination/training center based on this criterion.
6. Wherever any assessment component is not applicable/ feasible, the balance assessment components will be used to assess the candidate and accordingly the total marks will be calculated only for the applied



Qualification Pack

assessment component.

7. To pass the Qualification Pack, every trainee should score a minimum of 50%-70% of marks in each NOS (depending on NSQF Level) to successfully clear the assessment. In the case of a Govt funded program, the program guidelines will be overarching on the pass percentage rules.

8. In case of unsuccessful completion, the trainee may seek re-assessment on the Qualification Pack.

Minimum Aggregate Passing % at QP Level : 70

(Please note: Every Trainee should score a minimum aggregate passing percentage as specified above, to successfully clear the Qualification Pack assessment.)

Assessment Weightage

Compulsory NOS

National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
LFS/N0601.Supervise warehouse operations	25	45	15	15	100	20
LFS/N0602.Carry out reporting and documentation for appropriate storage of material/products	25	45	15	15	100	20
LFS/N0656.Supervise waste disposal as per environment sustainable practices	30	50	10	10	100	20
LFS/N0118.Coordinate with supervisor, teammates, and cross-functional teams	20	45	18	17	100	10
LFS/N0113.Ensure a hygienic and clean work area to avoid contamination	30	40	15	15	100	10
LFS/N0101.Follow Environment ,health and safety guidelines in GMP/GLP controlled areas and laboratory	30	55	0	15	100	10



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National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
DGT/VSQ/N0102.Employability Skills (60 Hours)	20	30	-	-	50	10
Total	180	310	0	87	650	100

Optional: 1 Automated warehouse operations

National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
LFS/N0667.Supervise automated warehouse operations	20	40	20	20	100	50
Total	20	40	20	20	100	50



Qualification Pack

Acronyms

NOS	National Occupational Standard(s)
NSQF	National Skills Qualifications Framework
QP	Qualifications Pack
TVET	Technical and Vocational Education and Training
GMP	Good Manufacturing Practices
cGMP	Current Good Manufacturing Practices
ISO	International Organization for Standardization
OHSAS	Occupational Health & Safety Assessment Systems
JIT	Just In Time
SOP	Standard Operating Procedure
GMP	Good Manufacturing Practices
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SOP	Standard Operating Procedures
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SOP	Standard Operating Procedure
QA	Quality Assurance
EHS	Environment, Health and Safety
GMP	Good Manufacturing Practice
WHO	World Health Organisation
WHO	World Health Organization
ICH	Council for Harmonisation
GMP	Good Manufacturing Practice



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GLP	Good Laboratory Practice
MSDS	Material Safety Data Sheet
EHS	Environment Health and Safety
ALCOA	Attributable, Legible, Contemporaneous, Original and Accurate
SOP	Standard Operating Procedure
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Glossary

Sector	Sector is a conglomeration of different business operations having similar business and interests. It may also be defined as a distinct subset of the economy whose components share similar characteristics and interests.
Sub-sector	Sub-sector is derived from a further breakdown based on the characteristics and interests of its components.
Occupation	Occupation is a set of job roles, which perform similar/ related set of functions in an industry.
Job role	Job role defines a unique set of functions that together form a unique employment opportunity in an organisation.
Occupational Standards (OS)	OS specify the standards of performance an individual must achieve when carrying out a function in the workplace, together with the Knowledge and Understanding (KU) they need to meet that standard consistently. Occupational Standards are applicable both in the Indian and global contexts.
Performance Criteria (PC)	Performance Criteria (PC) are statements that together specify the standard of performance required when carrying out a task.
National Occupational Standards (NOS)	NOS are occupational standards which apply uniquely in the Indian context.
Qualifications Pack (QP)	QP comprises the set of OS, together with the educational, training and other criteria required to perform a job role. A QP is assigned a unique qualifications pack code.
Unit Code	Unit code is a unique identifier for an Occupational Standard, which is denoted by an 'N'
Unit Title	Unit title gives a clear overall statement about what the incumbent should be able to do.
Description	Description gives a short summary of the unit content. This would be helpful to anyone searching on a database to verify that this is the appropriate OS they are looking for.
Scope	Scope is a set of statements specifying the range of variables that an individual may have to deal with in carrying out the function which have a critical impact on quality of performance required.



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Knowledge and Understanding (KU)	Knowledge and Understanding (KU) are statements which together specify the technical, generic, professional and organisational specific knowledge that an individual needs in order to perform to the required standard.
Organisational Context	Organisational context includes the way the organisation is structured and how it operates, including the extent of operative knowledge managers have of their relevant areas of responsibility.
Technical Knowledge	Technical knowledge is the specific knowledge needed to accomplish specific designated responsibilities.
Core Skills/ Generic Skills (GS)	Core skills or Generic Skills (GS) are a group of skills that are the key to learning and working in today's world. These skills are typically needed in any work environment in today's world. These skills are typically needed in any work environment. In the context of the OS, these include communication related skills that are applicable to most job roles.
Electives	Electives are NOS/set of NOS that are identified by the sector as contributive to specialization in a job role. There may be multiple electives within a QP for each specialized job role. Trainees must select at least one elective for the successful completion of a QP with Electives.
Options	Options are NOS/set of NOS that are identified by the sector as additional skills. There may be multiple options within a QP. It is not mandatory to select any of the options to complete a QP with Options.