

Revised Application Documentation: Version 5 /22 May, 2015

QUALIFICATION FILE – CONTACT DETAILS OF SUBMITTING BODY

Name and address of submitting body:

Life Sciences Sector Skill Development Council

13, Palam Marg, 3rd Floor, Vasant Vihar, New Delhi, PIN 110057

Phone: +91 11 41042407/ 408, E-mail: info@lssdc.in

Name and contact details of individual dealing with the submission

Name: Mr. Anshul Saxena

Position in the organisation: Director- NOS Development & Curriculum Advisory

Address if different from above

Same as Above

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List of documents submitted in support of the Qualifications File

1. Qualifications Pack
2. RFP for development of Occupational Standards detailing the selection process as well
3. Profile of Project Team from Consultant (Inclusive of Industry Expert)
4. LSSDC Protocol for Accreditation of Assessment Agencies and Assessment Guideline Ver 1.00.
5. Sample of Assessors Guide
6. Minutes of meeting of Governing Body
 - a. Composition of National Committee of NOS
 - b. Approval of Occupational Standards by National Committee and Governing Body
7. NSDC Sector Skill Gap Report for Life Sciences Sector is available at <http://nsdcindia.org/sites/default/files/files/Pharmaceuticals.pdf>
8. Occupational Map and Career Progression Map

9. Draft MoU with Industry
10. List of companies and Industry associations participated in the development of these qualification packs
11. List of QP/NOS validating companies (Under Development)

QUALIFICATION FILE SUMMARY

Qualification Title	Fitter Mechanical- Life Sciences (LFS/Q0213)
Body/bodies which will assess candidates	Life Sciences Sector Skills Council
Body/bodies which will award the certificate for the qualification.	Life Sciences Sector Skills Council
Body which will accredit providers to offer the qualification.	Life Sciences Sector Skills Council
Occupation(s) to which the qualification gives access	Fitter Mechanical falls under Manufacturing Occupation. The role holder is responsible for performing basic machining, fitting and assembly activities of machinery which includes using various joining, bolting, tightening techniques. The Job role requires individual to have conceptual, functional and troubleshooting knowledge of the mechanical machinery used in production and in utilities management and knowledge of life sciences production process and required compliance. The individual is also required to understand the criticality of work and do lot of physical activities. Individual uses the skills like Problem Solving, Critical and Analytical thinking, Decision Making, and Plan and organize. The individual has responsibility of own work within defined limit and work under close supervision.
Proposed level of the qualification in the NSQF.	Level 3
Anticipated volume of training/learning required to complete the qualification.	260 Hours
Entry requirements / recommendations.	10+2 or ITI
Progression from the qualification.	<p>Upward progression: Supervisor Mechanical and Calibration – Life Sciences (Level 5)</p> <p>Lateral/ Horizontal progression: Manufacturing Assistant / Helper- Life Sciences (Level 3)</p>
Planned arrangements for RPL.	RPL arrangements and policies are under development.
International Comparability	<p>While preparing the NOSs, a detailed secondary desk research was conducted. The European, South African and Australian NOSs were referred to. The relevant International NOSs for the job role are listed below for reference:</p> <p>UK NOS</p> <ul style="list-style-type: none"> • SFHPHARM22 Assist in the preparation of documentation, materials and other items for manufacture and assembly of medicinal products • COGLS202 Maintain effective and efficient working relationships in life Sciences and related industries • COGPI03.2 control emergencies • COGLS201 Follow health and safety procedures in life sciences • COGLS301 Maintain health and safety in life sciences <p>Switzerland NOS</p>

<ul style="list-style-type: none"> • Refer page no. 311- Unit Group 7412; 340 - Unit Group 8211 <p>Australia NOS</p> <ul style="list-style-type: none"> • Take and record basic measurements • Contribute to the application of a proactive maintenance strategy • Participate effectively in a workplace environment • Participate in OHS processes <p>South Africa NOS</p> <ul style="list-style-type: none"> • Act in accordance with ethical and legal codes of pharmaceutical representation and the laws of the country

Formal structure of the qualification

Title of unit or other component (include any identification code used)	Mandatory/ Optional	Estimated size (learning hours)	Level
CSC/ N 0304 Perform fitting and assembly operations on metal components	Mandatory	100	3
CSC/ N 0901 Perform maintenance activities on mechanical equipment	Mandatory	100	3
LFS/N0204 Coordinate with shift supervisor, cross functional teams and within the team	Mandatory	30	Common across 3-5 levels
LFS/N0101 Maintain a healthy, safe and secure working environment in the life sciences facility	Mandatory	30	Common across 2-7 levels

Please attach any document giving further detail about the structure of the qualification – eg a Curriculum or Qualification Pack.

Give details of the document here:

- Qualifications Pack is attached in Annexure 1

SECTION 1

ASSESSMENT

Name of assessment body:

If there will be more than one assessment body for this qualification, give details.

1. Manipal City & Guilds Pvt. Ltd, having its registered office at 4th Floor, above Total Superstore, Sy. No 12/5, Kaikondarahalli, Varthur Hobli, Sarjapur Main Road, Bangalore, Karnataka, PIN- 560034
2. Confederation of Indian Industry (CII), having its headquarters at The Mantosh Sodhi Centre, 23, Institutional Area, Lodi Road, New Delhi, PIN- 110003

Will the assessment body be responsible for RPL assessment?

Only One Given Below:

Confederation of Indian Industry (CII), having its headquarters at The Mantosh Sodhi Centre, 23, Institutional Area, Lodi Road, New Delhi, PIN- 110003

Give details of how RPL assessment for the qualification will be carried out and quality assured.

RPL arrangements and policies are under development.

Describe the overall assessment strategy and specific arrangements which have been put in place to ensure that assessment is always valid, consistent and fair and show that these are in line with the requirements of the NSQF:

Assessment Agencies: An assessment agency is selected on the basis of

- Prior experience and understanding of Life Sciences or similar sector.
- Experience in conducting assessments for similar job roles.
- Manpower and Technical capabilities.
- Geographical reach
- Existing Network in the Life Sciences Sector
- Agencies internal policies to maintain Standards, Quality & professional Integrity
- Agencies policy in assessor management

Assessment development: The assessment development is done with close monitoring and support of LSSSDC at every stage.

Steps for assessment development:

- Selection of assessment tool(s) depending on the assessment criteria prescribed in that QP.
- Developing blue print of the question paper, Viva, Demonstration, whatever are selected tools.
- Development of lay-out of Question paper is such that the entire PCs (Performance Criteria) of that QP are covered.
- Score per question maps with the weightage given to that PC, in the assessment criteria and the level of difficulty of the question.
- **SME:** An expert from industry is selected who is called "Subject Matter Expert". This SME must have over 13-15 years of experience in the industry, on same job role.
- **SME** is screened and approved by LSSSDC. He is oriented by both LSSSDC and Assessment agency on – creating question Bank, level of questions, end desired outcome of the assessment.

Assessor: The Assessors are engaged to conduct the assessments. The selection takes place as follows

- LSSSDC defines the criteria for profile of an assessor.
- Assessor is a person who is currently working in the same industry on same or higher job role and has minimum 5-7 years of experience.
- Based on this, Assessment agency locates the right people from the Industry and LSSSDC approves them after screening (they are screened on basis of resume and interview).

- Once selected, the assessor is oriented by LSSSDC and Assessment agency on various aspects of the assessment and management of assessment, such as
 - QP and its background.
 - Training on Assessment methodology and how to use Assessment tools. Scoring system. (as per the attached assessment guide)
 - Maintain integrity at the assessment site.
 - Crisis handling and support system available for the same.
 - Scope of his authorities
 - Administrative responsibilities.
 - Required documentation of Trainee credentials, VTP credentials, mark sheet management.
 - Confidentiality management.
- Assessment agency signs the agreement letter with the Assessor.
- LSSSDC certifies the Assessor.

Assessment process:

- Assessment date is decided with common agreement of VTP and assessment agency.
- Assessment agency ensures the availability of required infrastructure, tools for the assessment.
- Assessor is provided with location details of the VTP. He contacts VTP a day prior to the assessment to ensure that all the aspects are well managed.
- The trainees are scheduled in such a way that an assessor shall not assess more than 20 candidates in a day.
- Assessor and a representative from Assessment agency are present on the day of assessment to manage the process at assessment location.
- They carry an identity card and letter from the council authorising to conduct the assessment.
- Assessor ensures authenticity of Trainee's identity by verifying the documents (any document issued by GOI, such as Ration card, Adhar Card, Driving Licence, Passport, election card etc)
- Assessor maintains the records of attendance, verified documents, Score sheets, answer sheets and whatever applicable.
- Assessor collects evidences of the assessment in best possible way (videos, pictures, voice recordings etc)
- Assessor maintains complete confidentiality of the score, compiles the data and document and sends it to assessment agency.
- The assessment agency after processing the results and putting them in standard format hands over to LSSSDC within 7 days of assessment.
- LSSSDC cross checks and validates the data and declares the result to VTP.
- Passed candidates are provided with certificate

Assessment tools: Assessment tools for a QP are decided on the basis of composition of knowledge and skill in that particular QP. All assessments shall have at least two tools unless indicated otherwise. All assessments carry time allotment required per trainee, within which the assessment should be completed.

Written test:

Scope – Is used to test the knowledge component of the QP.

Tools – Pen and Paper in form of OMR sheet, computer or tab based online or offline.

Method – objective type questions, match the columns, fill in the blanks, tick the odd man out, choose the correct option, choose the best answer, True or false, Identify the object, tool or machinery, arrange in proper sequence.

Analysis – Question paper is divided in sections. Each Section intends to assess a particular knowledge field of the trainee. Thus section wise calculation of marks gives the clear idea of the areas of improvement or expertise of the trainee. While a consolidated marks gives the overall rating of the trainee.

Viva

Scope – Is used to test the knowledge and understanding and breadth of awareness about the subject. Some personality traits and generic skills (such as – promptness, sharpness, communication skills, depth of knowledge, comprehension, presentation, patience etc) can also be tested required for the QP.

Tools – Direct dialogue between assessor and Trainee.

Method – Direct questions open and close ended questions, situation based questions, analytical questions,

and decision making based questions. Different questions are included to test relevant PCs from the QP Analysis – Assessor is provided with spectrum of ready answers to be expected from trainee. This reduces effect of subjectivity of the assessor. Comparative quality of trainees with in a batch or different institutes can be gauged.

Practical Test

Scope – Is used to test primarily the Skill component of the QP. Trainee’s expertise in handling and managing the tools and situation is tested.

Tools – Demonstration, role play.

Method – A situation is narrated or created in front of the trainee and he is asked to react to it. The selected situations are based on real situations. They are predefined and provided to assessor. Assessor is provided with spectrum of reactions to be expected from trainee. Based on these guidelines the assessor fills the score sheet.

Analysis –Practical tests are analysed on knowledge and skill component.

Please attach any documents giving further information about assessment and/or RPL.

Give details of the document(s) here:

- LSSSDC Protocol for Accreditation of Assessment Agencies and Assessment Guideline Ver1.00
- Sample of Assessors Guide

ASSESSMENT EVIDENCE

Assessable Outcomes	Assessment Criteria	Total Marks (400)	Out Of	Theory	Skills Practical
CSC/ N 0304 (Perform fitting and assembly operations on metal components)	PC1. comply with health and safety, environmental and other relevant regulations and guidelines at work	100	3	1	2
	PC2. adhere to procedures and guidelines for personal protective equipment (PPE) and other relevant safety regulations while performing broaching operations		4	1	3
	PC3. ensure work area is clean and safe from hazards		2	0	2
	PC4. ensure that all tools, equipment, power tool cables, extension leads are in a safe and usable condition		2	0	2
	PC5. ensure that all machines and machine tools are secured at all times		2	0	2
	PC6. determine job requirement from job specification documents obtained from valid sources		3	0	3

PC7. establish the procedures to complete the general machining, fitting or assembling operations	3	0	3
PC8. obtain the appropriate equipment, parts and accessories for the general machining, fitting or assembling operation	2	0	2
PC9. check that all measuring equipment is within calibration date	3	0	3
PC10. prepare/determine suitable datums from which to mark out (eg. choosing a machine face or filing a flat face as a datum)	3	0	3
PC11. apply a marking medium to enhance clarity of the marking out	3	0	3
PC12. use an appropriate method of marking out (eg. direct marking using instruments, use of templates or tracing/transfer methods)	4	0	4
PC13. use a range of marking out equipment (eg. rules, squares, scribes, vernier instruments)	3	0	3
PC14. mark out a range of features	3	0	3
PC15. cut and shape the materials to the required specification, using appropriate tools and techniques	6	2	4
PC16. use a range of hand fitting methods for fitting operations	4	0	4
PC17. Use a range of manually operated machines for performing machining operations	3	0	3
PC18. use appropriate methods and techniques to assemble and secure the components and sub-assemblies in their correct positions	6	2	4
PC19. drill, tap and ream locating holes as required to permanently locate components	4	0	4
PC20. fasten components permanently using methods such as using engineered fasteners, applying adhesives, soldering and brazing	3	0	3
PC21. produce mechanical assemblies as per job specifications	6	2	4

	PC22. dismantle mechanical assemblies without damage to components and/or subassemblies		4	0	4
	PC23. deal promptly and effectively with problems within their control, and seek help and guidance from the relevant people if they have problems that they cannot resolve		3	0	3
	PC24. keep the work area in a safe and tidy condition during and on completion of the manufacturing activities		2	0	2
	PC25. return all tools and equipment to the correct location on completion of the fitting activities support the customer remotely over the internet to test potential solutions		3	0	3
	PC26. perform the necessary checks for dimensional accuracy		5	1	4
	PC27. use the appropriate measuring equipment for checking activities		3	0	3
	PC28. produce components within all of the applying standards		5	1	4
	PC29. generate stage inspection reports		3	0	3
	Total		100	10	90
CSC/ N 0901(Perform <u>maintenance activities on mechanical equipment</u>)	PC1. comply with health and safety, environmental and other relevant regulations and guidelines at work	100	3	1	2
	PC2. adhere to procedures and guidelines for personal protective equipment (PPE) and other relevant safety regulations while performing fabrication and fitting operations		4	1	3
	PC3. work following laid down procedures and instructions		3	1	2
	PC4. ensure work area is clean and safe from hazards		2	0	2
	PC5. ensure that all tools, equipment, power tool cables, extension leads are in a safe and usable condition		2	0	2
	PC6. follow all relevant setting up and operating specifications for the		3	1	2

	products or mechanical equipment being commissioned				
	PC7. follow the defined procedures and set up the equipment correctly ensuring that all operating parameters are achieved		3	1	2
	PC8. obtain job specifications and requirements from valid sources and find out the fault		2	0	2
	PC9. obtain and interpret drawings, specifications, manufacturers' manuals and other documents needed in the maintenance process		3	1	2
	PC10. follow the procedure to be adopted to establish the background of the fault and the tools to be used		3	1	2
	PC11. evaluate various types of information available for fault diagnosis		3	0	3
	PC12. evaluate sensory information to assess likely faults eg. sound, visual		3	0	3
	PC13. collect evidence regarding the fault from the sources using a range of diagnostic equipment and techniques		3	0	3
	PC14. apply monitoring or testing procedures to help in the fault diagnosis using a range of test equipment		4	1	3
	PC15. relate previous reports/records of similar fault conditions		2	0	2
	PC16. evaluate the likely risk of running the equipment with the displayed fault, and the effects the fault could have on health and safety, and on the overall process or system		3	0	3
	PC17. carry out the maintenance activities in the specified sequence and in an agreed timescale		5	1	4
	PC18. carry out maintenance		4	0	4

	activities on various equipment				
	PC19. perform dismantling processes mechanical equipment using appropriate method or technique in order to replace defective components		4	0	4
	PC20. re-assemble the components using appropriate methods, and adjust them to meet the operating specification		5	1	4
	PC21. carry out servicing and maintenance techniques as applicable		5	1	4
	PC22. replace or refit basic hydraulic and pneumatic components		4	0	4
	PC23. identify requirements for welding, machining, electric or electronic repair and handover to the relevant personal after following due process		3	0	3
	PC24. conduct a trial run of the equipment at full power/speed/flow		3	0	3
	PC25. confirm that the produced component/process outcomes meet specifications		3	0	3
	PC26. monitor and record measurements and observations		3	0	3
	PC27. review and update maintenance procedures and plans		3	0	3
	PC28. deal with equipment malfunction and rectify faults during the breakdown servicing process as appropriate		4	1	3
	PC29. identify areas of improvements in the various maintenance services and implement the improvement activities agreed upon by the relevant authorities		3	0	3
	PC30. deal promptly and effectively with problems within their control, and seek help and guidance from the relevant people if they have problems		3	0	3

	that they cannot resolve				
	PC31. leave the work area in a safe and tidy condition on completion of the manufacturing activities		2	0	2
	Total		100	12	88
LFS/N0204 (<u>Coordinate with Shift Supervisor, cross functional teams and within the team</u>)	PC1. Understand the work output requirements	100	12	6	6
	PC2. Understand the quality standards to be maintained		12	6	6
	PC3. Proactively inform supervisor on issues requiring intervention		12	6	6
	PC4. Comply with company policy and rule		13	6	7
	PC5. Deliver quality work on time and report any anticipated reasons for delay		13	6	7
	PC6. Be able to resolve conflicts		12	6	6
	PC7. Learn how to multi-task relevant activities		12	6	6
	PC8. Put team over individual goals		14	6	8
	Total		100	48	52
LFS/N0101 (<u>Maintain a healthy, safe and secure working environment in the life sciences facility</u>)	PC1.Observe and comply with your company’s current health, safety and security policies and procedures	100	10	5	5
	PC2.While carrying out work, use appropriate safety gears like head gear, masks, gloves and other accessories as mentioned in the guidelines		10	5	5
	PC3.Report any identified breaches in health, safety, and security policies and procedures to the designated person		10	5	5
	PC4.Responsible for maintaining discipline at the shop-floor area		10	5	5
	PC5.Identify and correct any hazards that you can deal with safely, competently and within the limits of		10	5	5

	your authority				
	PC6.Adhere and comply to storage and handling guidelines for hazardous material		10	5	5
	PC7.Identify and recommend opportunities for improving health, safety, and security to the designated person		10	5	5
	PC8. complete any health, safety and security activities like safety drills and prepare records legibly and accurately		10	4	6
	PC9. Report any hazards that you are not competent to deal with to the relevant person in line with organizational procedures and warn other people who may be affected		10	4	6
	PC10. Follow your company's emergency procedures promptly, calmly, and efficiently		10	5	5
	Total		100	48	52

SECTION 2

EVIDENCE OF NEED

What evidence is there that the qualification is needed?

While collecting data from the industry for development of the occupational map, we also took inputs on the list of unique roles and the roles to be prioritized, w.r.t. workforce volume and skilling needs. These inputs have been used for subsequent qualification packs development.

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

Skills Gap analysis Reports for industry demand and secondary research data is the basis, though these do not lend to accurate demand projection. The link to NSDC Human Resource & Skills Requirement in Life Sciences Sector is <http://nsdcindia.org/sites/default/files/files/Pharmaceuticals.pdf>

- Feedback from industry for demand though again sample size may not lend to accurate figures
- Training duration, and current and potential training capacity envisaged
- An LMIS development initiative is being put in place to be more precise regarding the demand and supply

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

The NSDC list of Approved and Under-development QPs has been checked for overlap

Quality team of NSDC has done the 2nd level check before QRC presentation

The QP is under Industry validation and post completing the validation exercise, the QP will be resubmitted for QRC approval as per laid down protocol of NSDC.

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?

Workshops with Industry Associations of Employers are part of continuous awareness drive and will be utilized as a channel to get a continual feedback from Industry

The Qualification has been uploaded on SSC website for public with a request for feedback on qualification to be sent to an identified mail address

SSC will be engaged with Training Providers and Authorised educational institutions, who are imparting trainings as per QP guidelines, to gather feedback in implementation

Monitoring of candidate Assessment Result will be carried out

Employer feedback will be sought post placement of trainee's batch

A formal review is scheduled in two year time frame

Please attach any documents giving further information about any of the topics above.

Give details of the document(s) here:

- NSDC Human Resource & Skills Requirement in Life Sciences Sector is <http://nsdcindia.org/sites/default/files/files/Pharmaceuticals.pdf>

SECTION 3

SUMMARY EVIDENCE OF LEVEL

Summary of Direct Evidence:

Generic NOS is/are linked to the overall authority attached to the job role.

Fitter Mechanical- Life SciencesLFS/Q0213					
Process Required	Professional Knowledge	Professional Skills	Core Skills	Responsibility	Level
<p>The Job role requires individual to perform limited range of activities which are routine and predictable. For Example:</p> <ul style="list-style-type: none"> - Fitter Mechanical assist Supervisor-Mechanical and Calibration in assembly, fitting and maintenance activities which include Preparing for general machining, fitting or assembling operations, Marking out the components, Measuring and checking component, performing fitting and assembling etc - Performs maintenance activities like dismantling, reassembling, reinstalling etc, on mechanical equipment like production plant, engine, pump etc.. 	<p>The Job role requires individual to use basic facts, process and principles. For example</p> <p>The Individual applies knowledge of life sciences manufacturing, utility management and risk management concepts and knowledge of machinery and instruments used in production and fitting and mechanical work.</p> <ul style="list-style-type: none"> - uses knowledge of fitting, assembling and maintenance methods and tools and user manuals of the production and utility machine/ instruments while performing the fitting and assembling 	<p>The Job role requires individual to recall and demonstrate practical skill, routine and repetitive in narrow range of application. For Example:</p> <p>Fitter Mechanical is required to demonstrate the planning and organizing skills, attention to detail (critical thinking), analytical thinking and decision making skills while he/she carries out fitting and assembling and takes a balanced judgement to correct the defect/ malfunctioning in the machine.</p> <p>To perform installation, validation and calibration and report the results he/she uses the analytical thinking,</p>	<p>The Individual uses both written and oral communication with minimum required clarity, skills of basic arithmetic and algebraic principles and basic understanding of social and natural environment</p> <p>The Reading skills are used to read the SoPs, equipment user manual and acceptance criteria for calibration and any our guideline document.</p> <p>Written and oral communication skills are used to report the defects/ actions performed and required documentation in prescribed</p>	<p>Individual works under close supervision and have some responsibility for own work within defined limit. For example:</p> <ul style="list-style-type: none"> - Fitter Mechanical assist Supervisor-Mechanical and Calibration in assembly, fitting and maintenance activities which include Preparing for general machining, fitting or assembling operations, Marking out the components, Measuring and checking component, performing fitting and 	Level 3

<p>- follow the defined schedule for routine maintenance in coordination with the relevant stakeholders (including preventive maintenance) activities</p> <p>- Document and record the log books and relevant forms as per SoPs in a timely and accurate manner</p> <p>- observe and comply with organization's health, safety and security policies and procedures like wearing personal protective equipment like helmet, gloves etc, hazard and breach reporting, evacuation and emergency procedures etc</p>	<p>operations.</p> <p>-to maintain the cleanliness at work, applies the knowledge of machine's user manual, specifications, organizational SoPs, norms (like waste disposal, etc.) set by Good Manufacturing Practice (GMP)</p> <p>- To document the actions performed in log book and reports applies knowledge of maintenance SoP and Good Documentation Practice (GDP).</p> <p>To report hazards and breaches applies knowledge of precaution and safety measures, types of health and safety hazards and breaches and organization SoPs for EHS.</p> <p>- To ensure safety applies knowledge of organization's emergency procedures, summoning medical assistance etc, and knowledge of individual's role</p>	<p>critical thinking, quality centricity and decision making skills.</p> <p>To choose the right procedure and apparatus/ tools uses analytical thinking and in absence of the apparatus identifies the alternates by using problem solving skills.</p> <p>Problem solving skills are also used extensively in correcting the malfunction and defects in machine/ utility.</p> <p>Decision making skills are also used while deciding to escalate a complex quality issue as per escalation matrix of organization.</p>	<p>report and log books as per SoPs.</p> <p>While carrying out the maintenance to analyse the choice of corrective actions and tools as per SoPs and machine's manual guidelines, uses the basic arithmetic and algebraic principles.</p> <p>While performing all the activities Individual understand the life sciences manufacturing, maintenance guidelines, is aware about regulatory (like FDA etc) requirements and laws.</p> <p>While interacting with supervisors understand the work expectation and own as well as others role and responsibility in organizational context and escalation matrix</p>	<p>assembling etc</p> <p>- Performs maintenance activities like dismantling, reassembling, reinstalling etc, on mechanical equipment like production plant, engine, pump etc..</p> <p>- follow the defined schedule for routine maintenance in coordination with the relevant stakeholders (including preventive maintenance) activities</p> <p>- Document and record the log books and relevant forms as per SoPs in a timely and accurate manner</p>	
Level 3	Level 3	Level 3	Level 3	Level 3	

OTHER EVIDENCE OF LEVEL [This need only be filled in where evidence other than primary outcomes was used to allocate a level] **(Optional)**

Summary of other evidence (if used):

1. Internship Monitoring report available at VTP for each candidate for internship period duly signed by Industry authorized person

SECTION 4

EVIDENCE OF RECOGNITION OR PROGRESSION

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?

Horizontal and vertical mobility options have been articulated while developing the standard. For Example:

After 6-7 years of Industry work experience as Fitter Mechanical- Life Sciences post qualifying the certification of Fitter Mechanical- Life Sciences, candidate has an option to qualify for Supervisor Mechanical and Calibration Job role for a vertical progression.

Fitter Mechanical – Life Sciences also has an option to qualify for Maintenance Assistant- Life Sciences as a lateral progression.

Please attach any documents giving further information about any of the topics above.

Give details of the document(s) here:

- Occupational Map and progression matrix