

QUALIFICATIONS PACK - OCCUPATIONAL STANDARDS FOR HYDROCARBON SECTOR

What are Occupational Standards (OS)?

- OS describe what individuals need to do, know and understand in order to carry out a particular job role or function
- OS are performance standards that individuals must achieve when carrying out functions in the workplace, together with specifications of the underpinning knowledge and understanding

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Qualifications Pack - Fire Safety Technician (Oil & Gas)

SECTOR/S: HYDROCARBON

SUB-SECTOR: Midstream, Downstream

OCCUPATION: Management of Health, Safety and Environment (HSE)

REFERENCE ID: HYC/Q3601

ALIGNED TO: NCO/2015-3119.0800

Brief Job Description: The main responsibility of the fire safety technician is to ensure adherence to fire safety procedures and conduct firefighting operations in oil and gas industry. He/she conducts inspection of the workplace to ensure safety from fire hazards. The individual is also responsible for maintenance of fire safety equipment and coordination with operation and maintenance team for organising safety awareness programs to ensure the safety of the workers and surroundings.

Personal Attributes: The individual should have a good sense of responsibility and communication skills. He/she must be physically robust and able to work for long hours in oil and gas installation area. The person should be proactive, disciplined, safety-conscious, courageous and a good team player.

Qualification Pack for Fire Safety Technician (Oil & Gas)

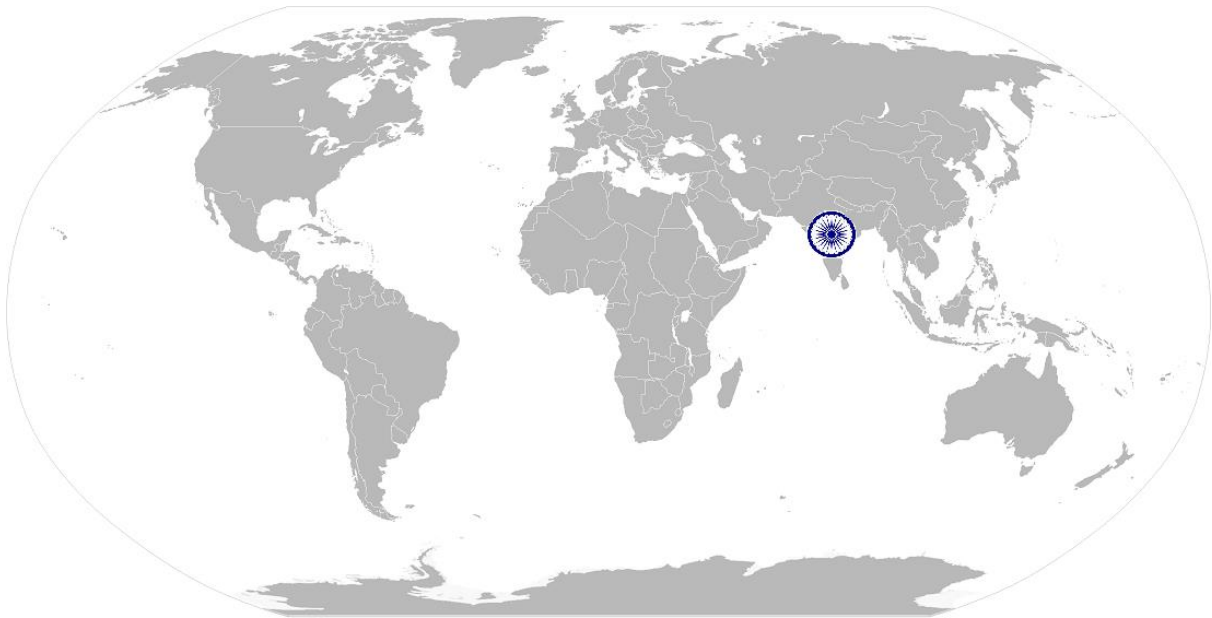
| | | | |
|---------------------------------|---|-------------------------|-------------------|
| Qualifications Pack Code | HYC/Q3601 | | |
| Job Role | Fire Safety Technician (Oil & Gas) | | |
| Credits(NSQF) | TBD | Version number | 1.0 |
| Sector | Hydrocarbon | Drafted on | 05/05/2019 |
| Sub-sector | Midstream, Downstream | Last reviewed on | 16/08/2019 |
| Occupation | Management of Health, Safety and Environment (HSE) | Next review date | 16/08/2023 |
| NSQC Clearance on* | 27/02/2020 | | |

| Job Role | Fire Safety Technician (Oil & Gas) |
|---|--|
| Role Description | Fire safety technician conducts safety inspection of workplace and monitors hazardous situation in and around oil and gas installations. The individual is also responsible for firefighting operations and ensuring fire safety at all times. |
| NSQF Level | 4 |
| Minimum Educational Qualifications* | Class XII / ITI (two years after class 10 th) |
| Maximum Educational Qualifications* | NA |
| Prerequisite License or Training | NA |
| Minimum Job Entry Age | 18 Years |
| Experience | Preferably 6 months |
| Applicable National Occupational Standards (NOS) | Compulsory: <ol style="list-style-type: none"> HYC/N3601 Prepare workplace in line with fire safety rules HYC/N3602 Perform fire safety operations at workplace HYC/N9301 Work effectively in a team |
| Performance Criteria | As described in the relevant OS units |

Qualification Pack for Fire Safety Technician (Oil & Gas)

| keywords /Terms | Description |
|-------------------------------|---|
| Sector | Sector is a conglomeration of different business operations having similar businesses 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. |
| Function | Function is an activity necessary for achieving the key purpose of the sector, occupation, or area of work, which can be carried out by a person or a group of persons. Functions are identified through functional analysis and form the basis of OS. |
| Job Role | Job role defines a unique set of functions that together form a unique employment opportunity in an organization. |
| 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 they need to meet that standard consistently. Occupational Standards are applicable both in the Indian and global contexts. |
| Performance Criteria | Performance Criteria are statements that together specify the standard of performance required when carrying out a task. |
| NOS | NOS are Occupational Standards which apply uniquely in the Indian context. |
| Qualifications Pack Code | Qualifications Pack Code is a unique reference code that identifies a qualifications pack. |
| Qualifications Pack | Qualifications Pack comprises the set of OS, together with the educational, training and other criteria required to perform a job role. A Qualifications Pack is assigned a unique qualification 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. |
| Knowledge and Understanding | Knowledge and Understanding are statements which together specify the technical, generic, professional and organizational specific knowledge that an individual needs in order to perform to the required standard. |
| Organizational Context | Organizational Context includes the way the organization 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 or Generic Skills | Core Skills or Generic Skills are a group of skills that are key to learning and working 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. |

National Occupational Standard



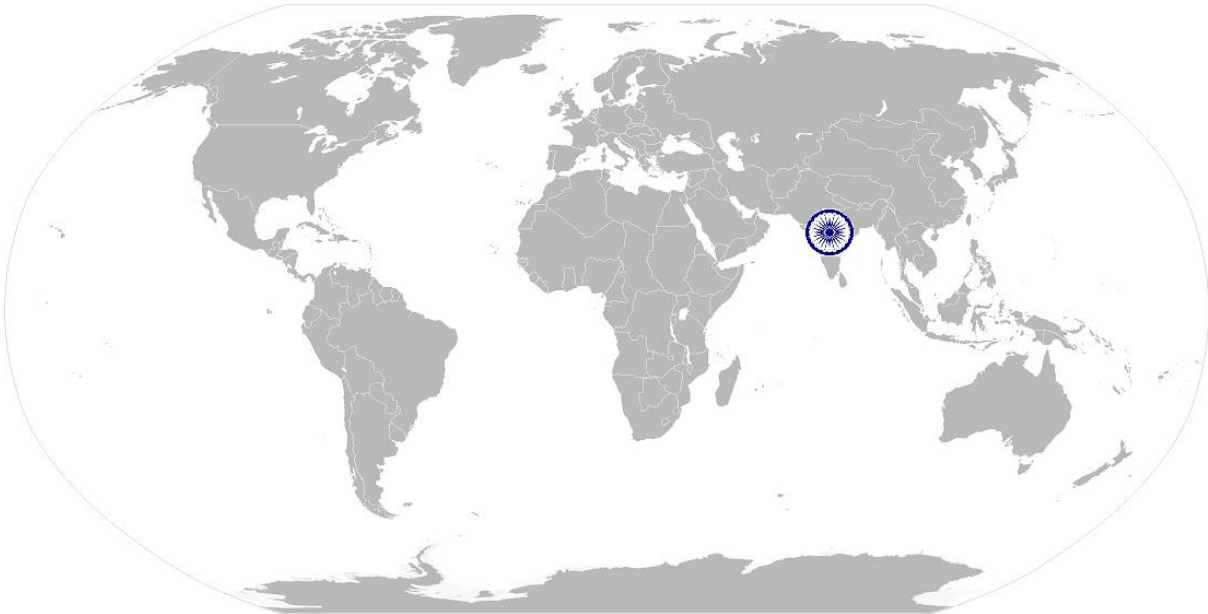
Overview

This unit is about preparing workplace in line with fire safety rules and procedures specific to oil and gas installations and coordinating with operation and maintenance team for organising safety awareness programs.

| | |
|---|--|
| Unit Code | HYC/N3601 |
| Unit Title (Task) | Prepare workplace in line with fire safety rules |
| Description | This OS unit covers preparing workplace in line with fire safety rules and procedures specific to oil and gas installations. |
| Scope | This unit/task covers the following: <ul style="list-style-type: none"> • Carryout safety procedures as per safety rules • Manage safety demonstration • Reporting |
| Performance Criteria (PC) w.r.t. the Scope | |
| Element | Performance Criteria |
| Carryout safety procedures as per safety rules | To be competent, the user/individual on the job must be able to: |
| | PC1. follow Oil Industry Safety Directorate (OISD) standards related to firefighting equipment and appliances in oil and gas industry |
| | PC2. define Occupational Safety and Health (OSH) policies |
| | PC3. prepare and maintain checklist to monitor safety regulations in and around oil and gas installations |
| | PC4. check proper positioning and accessibility of fire extinguishers and first aid boxes |
| | PC5. check for proper signs related to safety, emergency pathway and exit availability |
| | PC6. maintain fire safety equipment i.e. fire extinguishers, fire alarms, sprinkler, smoke detectors, fire hose etc to ensure readiness during emergency |
| | PC7. inspect oil and gas installations and surrounding area for any hazard to prevent harm to people, property and environment |
| | PC8. check for flammable materials and initiate necessary safety measures |
| PC9. record near-miss events and take preventive measures | |
| Manage Safety demonstration | To be competent, the user/individual on the job must be able to: |
| | PC10. coordinate with operation and maintenance team for fire safety awareness programs and conduct safety drills at workplace |
| | PC11. demonstrate first aid medical treatment procedure |
| Reporting | PC12. demonstrate actions to be taken in case of fire |
| | To be competent, the user/individual on the job must be able to: |
| Knowledge and Understanding (K) | PC13. prepare and maintain daily inspection report and submit it to the reporting authority responsible for fire safety |
| | A. Organizational Context (Knowledge of the company/organization and its processes) |
| | The user/individual on the job needs to know and understand: <ul style="list-style-type: none"> KA1. fire safety management policy KA2. impact of violation of safety procedures KA3. reporting structure in the organization KA4. importance of working in a clean and safe environment |

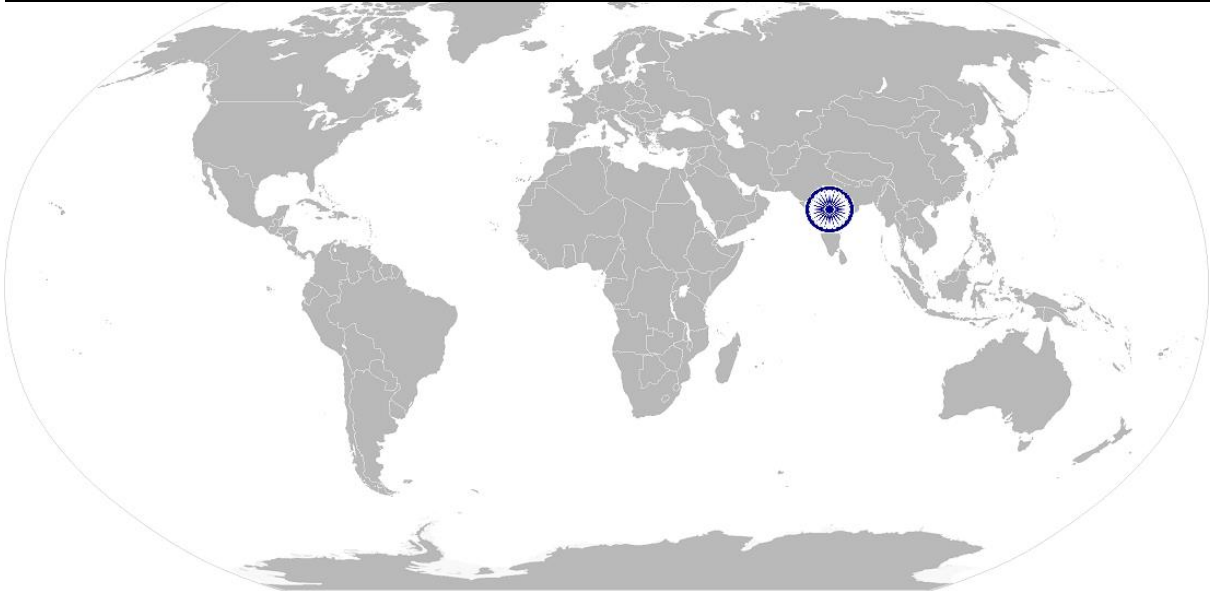
| | |
|--------------------------------------|---|
| | <p>KA5. work permit system like hot work, confined spaced job work entry etc.</p> <p>KA6. company policies and procedures</p> |
| B. Technical Knowledge | <p>The user/individual on the job needs to know and understand:</p> <p>KB1. fire safety rules and regulations</p> <p>KB2. fire safety objectives.</p> <p>KB3. hazards in different work areas</p> <p>KB4. fire signage and indicators</p> <p>KB5. condition of workplace environment, equipment, and safety practices</p> <p>KB6. safety procedure, standards and government regulations</p> <p>KB7. fire and fire triangle</p> <p>KB8. fire science related to oil and gas industry covering flammability limits/range, explosion hazard related to health safety and environment</p> <p>KB9. use of various fire and other safety equipment</p> <p>KB10. effects of leakage in any piping system or equipment/vessels</p> <p>KB11. importance of documentation and record keeping of fire and safety activity</p> |
| Skills (S) | |
| A. Core Skills/Generic Skills | <p>Basic Reading and Writing Skills</p> <p>The user/ individual on the job needs to know and understand how to:</p> <p>SA1. keep abreast by reading about new policies at an organization level</p> <p>SA2. fill up appropriate technical forms, process charts, activity logs as per organizational format in English and/or local language</p> <p>SA3. communicate effectively in writing</p> |
| | <p>Oral Communication (Listening and Speaking Skills)</p> <p>The user/individual on the job needs to know and understand how to:</p> <p>SA4. convey information effectively</p> <p>SA5. discuss observations, new policies and schedules and activities</p> <p>SA6. listen with full attention and comprehend the information given by various sources about the site or equipment</p> |
| | <p>Decision Making</p> <p>The user/individual on the job needs to know and understand how to:</p> <p>SB1. make appropriate judgments</p> <p>SB2. use reasoning skills to identify and resolve problems</p> <p>SB3. choose appropriate actions</p> |
| | <p>Plan and Organize</p> <p>The user/individual on the job needs to know and understand how to:</p> <p>SB4. plan suitably as per job requirements</p> <p>SB5. identify actions to be taken and prioritize them</p> <p>SB6. organize all process manuals so that sorting/ accessing information is easy</p> |
| B. Professional Skills | <p>Analytical Thinking</p> <p>The user/individual on the job needs to know and understand how to:</p> |

| | |
|--|--|
| | SB7. analyse information and use logic to address safety-related issues and problems. |
| | SB8. determine the safety measures to be followed and how changes in conditions, operations, and the environment will affect outcomes. |
| | SB9. undertake and express new ideas and initiatives |
| | SB10. evaluate workplace safety, health & environment |
| Monitoring | |
| The user/individual on the job needs to know and understand how to: | |
| SB11. monitor the appropriateness, replacement and maintenance of plant and equipment used for safety critical processes | |
| SB12. Monitor work specific risk, their extent and readiness | |
| Critical thinking | |
| The user/individual on the job needs to know and understand how to: | |
| SB13. apply balance judgements to different situations | |

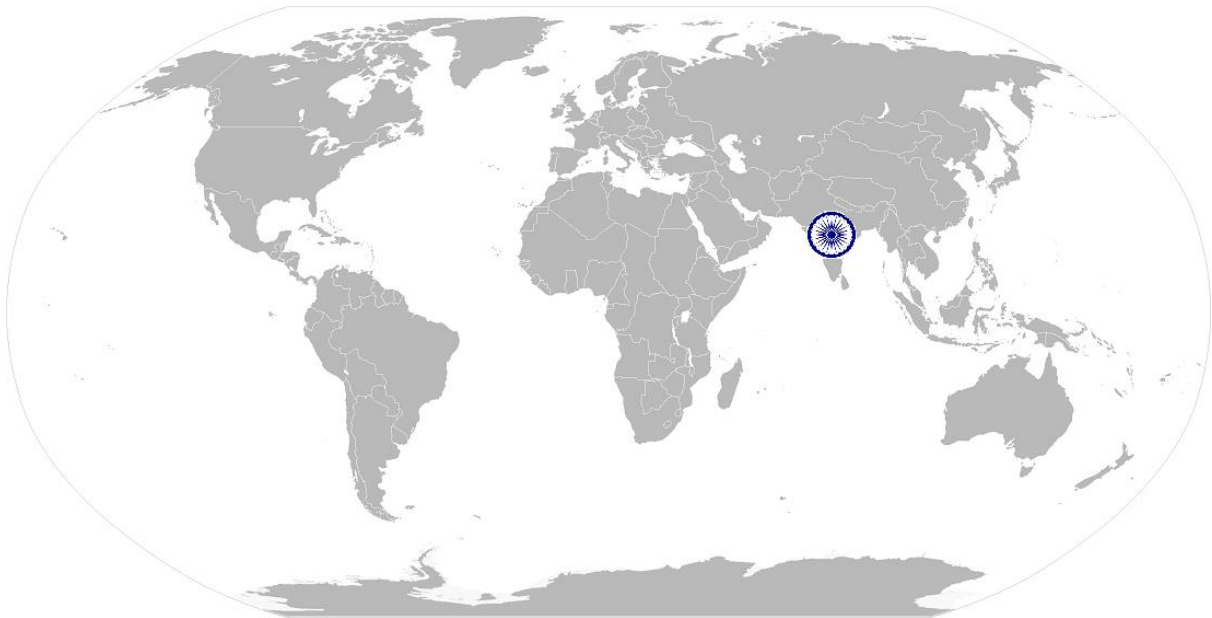


NOS Version Control

| | | | |
|----------------------------|--|-------------------------|------------|
| NOS Code | HYC/N3601 | | |
| Credits(NSQF) | TBD | Version number | 1.0 |
| Industry | Hydrocarbon | Drafted on | 05/02/19 |
| Industry Sub-sector | Midstream, Downstream | Last reviewed on | 16/08/2019 |
| Occupation | Management of Health, Safety and Environment (HSE) | Next review date | 16/08/2023 |



National Occupational Standard



Overview

This unit is about performing firefighting operations using various types of fire safety equipment to ensure the safety of the workers and of the communities in surroundings of oil and gas installations

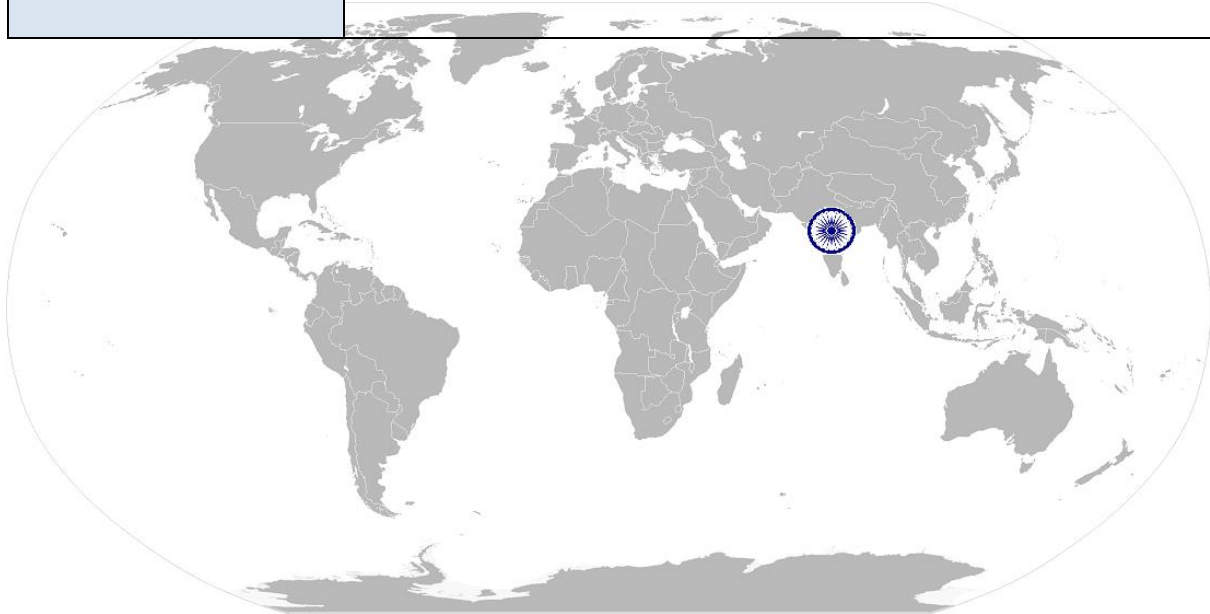
| | |
|--|---|
| Unit Code | HYC/N3602 |
| Unit Title (Task) | Perform fire safety operations at workplace |
| Description | This OS describes various firefighting methods and rescue operations by using suitable firefighting equipment and laid down procedures. |
| Scope | This unit/task covers the following: <ul style="list-style-type: none"> • Usage of firefighting equipment • Fire safety measures • Reporting |
| Performance Criteria (PC) w.r.t. the Scope | |
| Element | Performance Criteria |
| Usage of firefighting equipment | To be competent, the user/individual on the job must be able to: <ul style="list-style-type: none"> PC1. identify the ignition source such as flame, spark, static electricity, heat source etc. PC2. classify fire according to standard class of fire i.e. class A, B, C, D & E PC3. select the type of fire extinguishers to be used according to the class of fire PC4. use various PPEs applicable during firefighting PC5. adopt suitable firefighting method according to class of fire and firefighting equipment PC6. operate fire extinguishers using appropriate method to extinguish fire PC7. maintain firefighting equipment as per maintenance check list |
| Fire safety measures | To be competent, the user/individual on the job must be able to: <ul style="list-style-type: none"> PC8. respond to fire caused due to oil spills or gas leakage with the appropriate fire extinguishing method PC9. check for open or damage valves in case of fire due to oil spills or gas leakage PC10. carryout first aid measures in case of inhalation of toxic gas |
| Reporting | To be competent, the user/individual on the job must be able to: <ul style="list-style-type: none"> PC11. report the problem to his reporting authority in case of emergency situations PC12. inform the fire safety team/in charge in case the situation is out of his control |
| Knowledge and Understanding (K) | |
| A. Organizational Context (Knowledge of the company/organization and its processes) | The user/individual on the job needs to know and understand: <ul style="list-style-type: none"> KA1. record keeping system with respect to safety KA2. fatal and near-miss events KA3. how to conduct safety inspection KA4. oil and gas industry safety procedures KA5. importance of working in a clean and safe environment KA6. company policies and procedures |

| | |
|--|---|
| <p>B. Technical Knowledge</p> | <p>The user/individual on the job needs to know and understand:</p> <p>KB1. various type of fire extinguishing materials such as foam extinguishing media techniques of vapor dispersal/vapor suppression etc</p> <p>KB2. methods of accident prevention plan</p> <p>KB3. fixed firefighting installation in oil and gas industry and their method of operation</p> <p>KB4. difference between process and personal safeties</p> <p>KB5. safety pyramid and hazards</p> <p>KB6. safety standards and government regulations</p> <p>KB7. fix hazardous and potentially hazardous conditions or equipment</p> <p>KB8. programs on workplace safety and health</p> <p>KB9. correct use of safety equipment</p> <p>KB10. use of various type of gas detectors and their working principle</p> <p>KB11. causes and consequences of accidents occurred and identify how to prevent them in future</p> <p>KB12. auditing equipment working condition</p> |
| <p>Skills (S)</p> | |
| <p>A. Core Skills/ Generic Skills</p> | <p>Basic reading and writing skills</p> <p>The user/ individual on the job needs to know and understand how to:</p> <p>SA1. note down observations</p> <p>SA2. making of report</p> <p>SA3. keep abreast by reading about new policies at an organization level</p> <p>SA4. fill up appropriate technical forms, process charts, activity logs as per organizational format in English and/or local language</p> <p>SA5. communicate effectively in writing</p> <p>Oral Communication (Listening and Speaking skills)</p> <p>The user/individual on the job needs to know and understand how to:</p> <p>SA6. convey information effectively</p> <p>SA7. discuss his observations, new policies, schedules and activities</p> <p>SA8. listen with full attention and comprehend the information given by various sources about the site or equipment</p> |
| <p>B. Professional Skills</p> | <p>Judgment and Decision Making</p> <p>The user/individual on the job needs to know and understand how to:</p> <p>SB1. make appropriate judgments.</p> <p>SB2. use reasoning skills to identify and resolve problems</p> <p>SB3. choose appropriate actions</p> <p>Plan and Organize</p> <p>The user/individual on the job needs to know and understand how to:</p> <p>SB4. plan suitably as per job requirements</p> <p>SB5. identify actions to be taken and prioritize them</p> <p>SB6. organize all process manuals so that sorting/ accessing information is easy</p> <p>Analytical Thinking</p> <p>The user/individual on the job needs to know and understand how to:</p> |

HYC/N3602

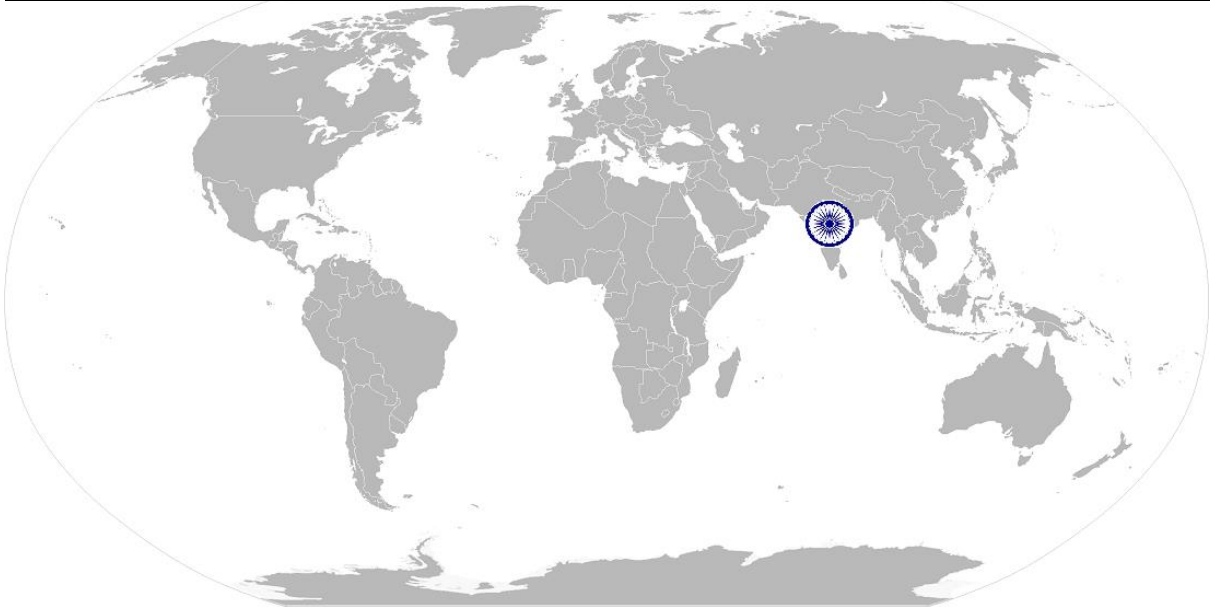
Perform fire safety operations at workplace

| | |
|--|--|
| | SB7. analyse information and use logic to address safety-related issues and problems. |
| | SB8. determine how the safety measures are to be followed and how changes in conditions, operations, and the environment will affect outcomes. |
| | SB9. undertake and express new ideas and initiatives to others |
| | SB10. evaluate programs on workplace safety and health |
| | Monitoring |
| | The user/individual on the job needs to know and understand how to: |
| SB11. monitor the appropriateness, replacement and maintenance of plant and equipment used for safety critical processes | |
| SB12. implement work specific risk Assessments, their extent and readiness | |
| Integrity | |
| The user/individual on the job needs to know and understand how to: | |
| SB13. be honest and ethical | |

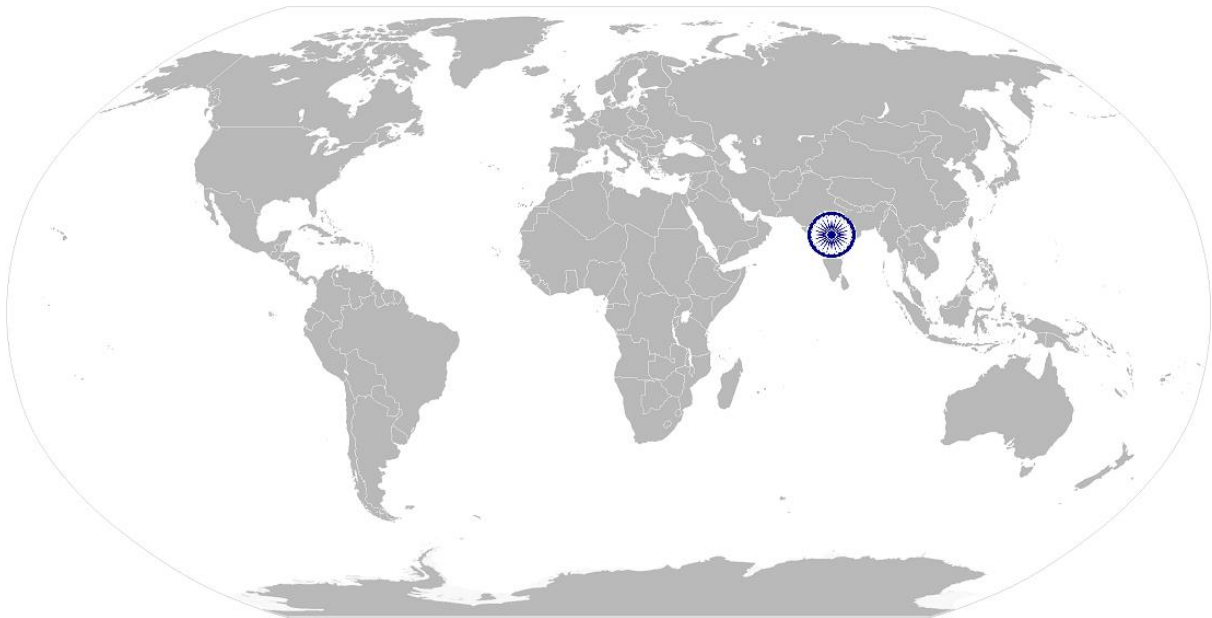


NOS Version Control

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| NOS Code | HYC/N3602 | | |
| Credits(NSQF) | TBD | Version number | 1.0 |
| Industry | Hydrocarbon | Drafted on | 05/02/2019 |
| Industry Sub-sector | Midstream, Downstream | Last reviewed on | 16/08/2019 |
| Occupation | Management of Health, Safety and Environment (HSE) | Next review date | 16/08/2023 |



National Occupational Standard



Overview

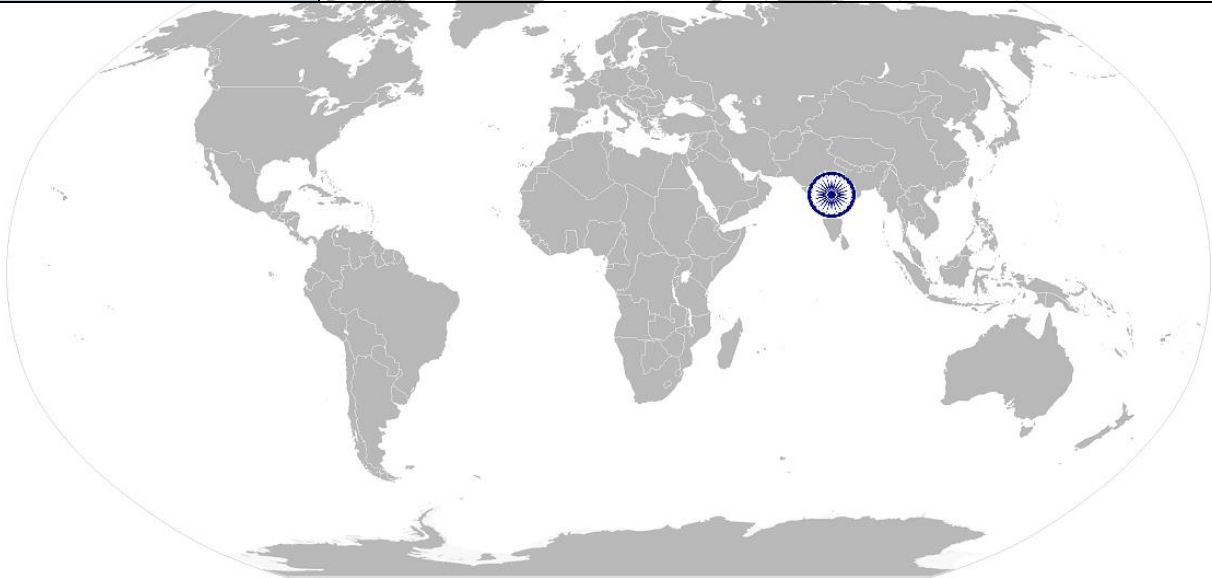
This unit covers basic practices that improve effectiveness of working with others in an organizational set-up.

| | |
|---|---|
| Unit Code | HYC/N9301 |
| Unit Title (Task) | Work effectively in a team |
| Description | This NOS unit is about working effectively within a team, either in individual's own work group or in other work groups outside the organization. |
| Scope | This unit/task covers the following: <ul style="list-style-type: none"> Effective team work |
| Performance Criteria (PC) w.r.t. the Scope | |
| Element | Performance Criteria |
| Team Work | To be competent, the user/individual on the job must be able to: <ul style="list-style-type: none"> PC1. maintain clear communication with colleagues PC2. work with colleagues as a team PC3. pass on information to in line with organisational requirements PC4. work in ways that show respect for colleagues PC5. carry out commitments made to colleagues PC6. let colleagues know in good time if cannot carry out commitments, explaining the reasons PC7. identify problems in working with colleagues and take the initiative to solve these problems PC8. follow the organisation's policies and procedures for working with colleagues PC9. Ability to share resources with other members as per priority of tasks |
| Knowledge and Understanding (K) w.r.t. the scope | |
| A. Organisational Context (Knowledge of the Company/Organisation and its processes) | The user/individual on the job needs to know and understand: <ul style="list-style-type: none"> KA1. the organization's policies and procedures for working with colleagues, role and responsibilities in relation to this KA2. the importance of effective communication and establishing good working relationships with colleagues KA3. different methods of communication and the circumstances in which it is appropriate to use these KA4. the importance of creating an environment of trust and mutual respect KA5. the implications of own work on the work and schedule of others |
| B. Technical Knowledge | The user/individual on the job needs to know and understand: <ul style="list-style-type: none"> KB1. different types of information that colleagues might need and the importance of providing this information when it is required KB2. the importance of helping colleagues with problems, in order to meet quality and time standards as a team |
| Skills (S) | |
| A. Core Skills/ Generic Skills | The user/individual on the job needs to know and understand how to: <ul style="list-style-type: none"> SA1. complete written work with attention to detail |
| | Reading Skills |
| | The user/individual on the job needs to know and understand how to: <ul style="list-style-type: none"> SA2. read instructions, guidelines/procedures |
| | Oral Communication (Listening and Speaking skills) |
| | The user/individual on the job needs to know and understand how to: <ul style="list-style-type: none"> SA3. listen effectively and orally communicate information |

HYC/N9301

Work effectively in a team

| | |
|--|--|
| | SA4. ask for clarification and advice from the concerned person |
| B. Professional Skills | Decision Making |
| | The user/individual on the job needs to know and understand how to: SB1. make decisions on a suitable course of action or response keeping in view resource utilization while meeting commitments |
| | Plan and Organize |
| | The user/individual on the job needs to know and understand how to: SB2. plan and organize work to achieve targets and deadlines |
| | Customer Centricity |
| | The user/individual on the job needs to know and understand how to: SB3. check that the work meets customer requirements SB4. deliver consistent and reliable service to customers |
| | Problem Solving |
| | The user/individual on the job needs to know and understand how to: SB5. apply problem solving approaches in different situations |
| | Critical Thinking |
| The user/individual on the job needs to know and understand how to: SB6. apply balanced judgments to different situations | |

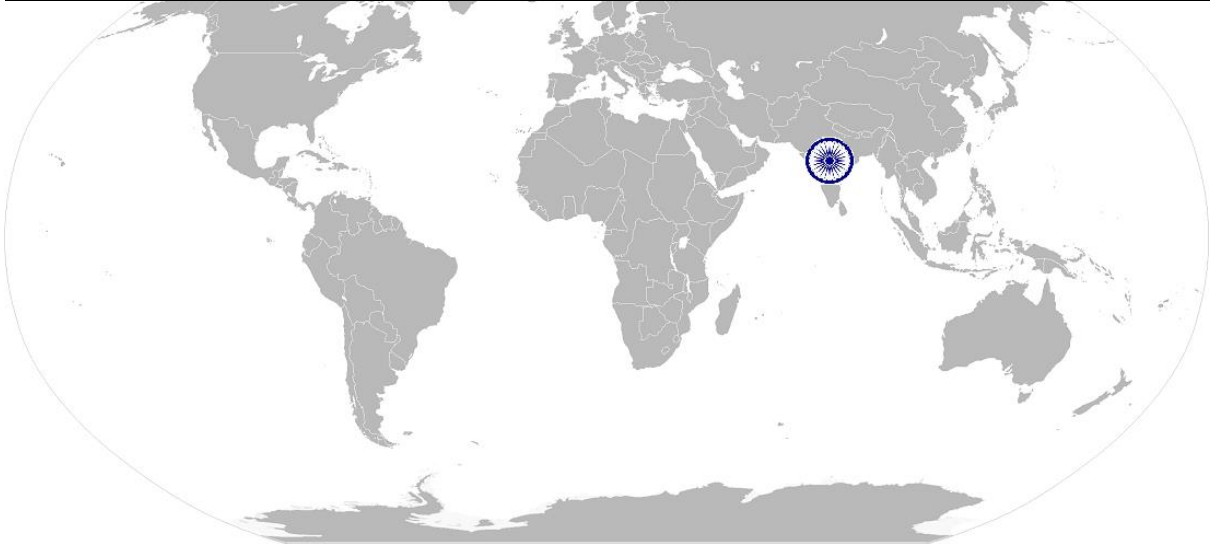


HYC/N9301

Work effectively in a team

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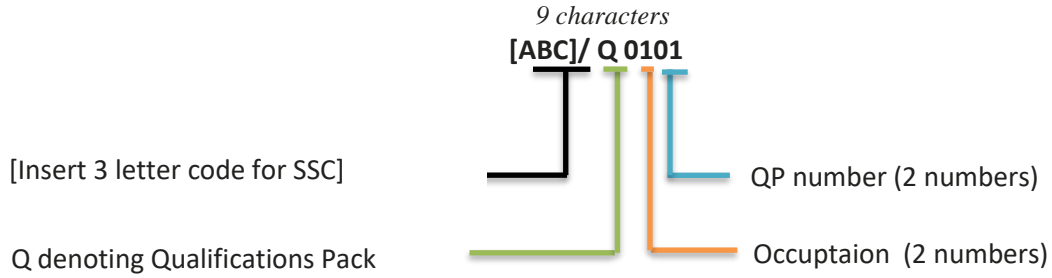
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|----------------------------|---|-------------------------|------------|
| NOS Code | HYC/N9301 | | |
| Credits(NSQF) | TBD | Version number | 1.0 |
| Industry | Hydrocarbon | Drafted on | 05/02/2019 |
| Industry Sub-sector | Downstream | Last reviewed on | 16/08/2019 |
| Occupation | Management of Health and Safety Environment (ESH) | Next review date | 16/08/2023 |



Annexure

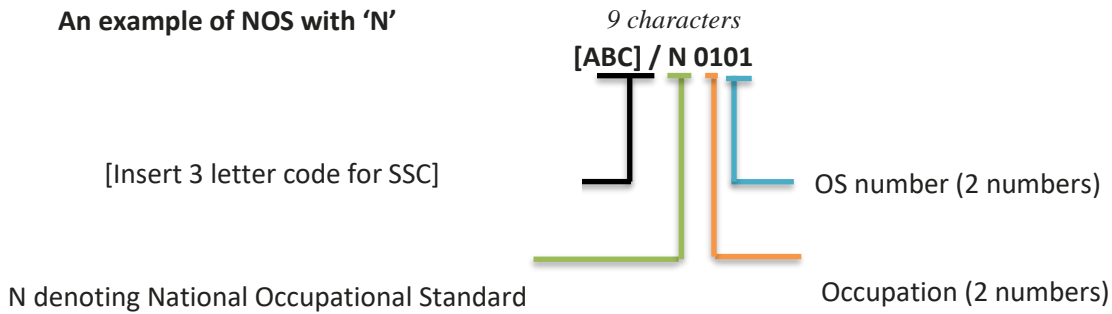
Nomenclature for QP and NOS

Qualifications Pack



Occupational Standard

An example of NOS with 'N'



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The following acronyms/codes have been used in the nomenclature above:

| Sub-Sector | Range of Occupation numbers |
|-------------------------|-----------------------------|
| Upstream | 1-30 |
| Downstream | 31-60 |
| Midstream | 61-90 |
| Construction & Services | 91-92 |
| Generic NOS | 01, 31, 61, 93, 94, 95 |

| Sequence | Description | Example |
|------------------|-------------------|--------------------------------------|
| Three letters | Industry name | {ABC, Font: Calibri (Body), size 11} |
| Slash | / | / |
| Next letter | Whether QP or NOS | N |
| Next two numbers | Occupation code | 01 |
| Next two numbers | OS number | 01 |

CRITERIA FOR ASSESSMENT OF TRAINEES

Job Role Fire Safety Technician (Oil & Gas)

Qualification Pack HYC/Q3601

Sector Skill Council Hydrocarbon Sector Skill Council

Guidelines for Assessment

1. Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council. Each Performance Criteria (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down proportion of marks for Theory and Skills Practical for each PC.
2. The assessment for the theory part will be based on knowledge bank of questions created by the SSC.
3. Assessment will be conducted for all compulsory NOS, and where applicable, on the selected elective/option NOS/set of NOS.
4. Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training center (as per assessment criteria below).
4. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training center based on this criterion.
5. To pass the Qualification Pack, every trainee should score a minimum of 70% of aggregate marks to successfully clear the assessment.
6. In case of *unsuccessful completion*, the trainee may seek reassessment on the Qualification Pack.

| Compulsory NOS | | Marks Allocation | | | |
|--|---|------------------|--------|---------|------------------|
| Total Marks: [100] | | Total Marks | Out Of | Theor y | Skills Practical |
| Assessment outcomes | Assessment Criteria for outcomes | | | | |
| 1. {HYC/N3601 Prepare for fire safety operation} | PC1. follow Oil Industry Safety Directorate (OISD) standards related to firefighting equipment and appliances in oil and gas industry | 130 | 10 | 2 | 8 |
| | PC2. define Occupational Safety and Health (OSH) policies | | 10 | 4 | 6 |
| | PC3. prepare and maintain checklist to monitor safety regulations in and around oil and gas installations | | 10 | 4 | 6 |
| | PC4. check proper positioning and accessibility of fire extinguishers and first aid boxes | | 10 | 4 | 6 |
| | PC5. check for proper signs related to safety, emergency pathway and exit availability | | 10 | 6 | 4 |
| | PC6. maintain fire safety equipment i.e fire extinguishers, fire alarms, sprinkler, smoke detectors, fire hose etc to ensure readiness during emergency | | 10 | 2 | 8 |
| | PC7. inspect oil and gas installations and surrounding area for any hazard to prevent harm to people, property and environment | | 10 | 2 | 8 |

| Compulsory NOS | | Marks Allocation | | | |
|---------------------|--|------------------|--------|---------|------------------|
| Total Marks: [100] | | | | | |
| Assessment outcomes | Assessment Criteria for outcomes | Total Marks | Out Of | Theor y | Skills Practical |
| | PC8. check for flammable materials and initiate necessary safety measures | | 10 | 2 | 8 |
| | PC9. record near-miss events and take preventive measures | | 10 | 4 | 6 |
| | PC10. coordinate with operation and maintenance team for fire safety awareness programs and conduct safety drills at workplace | | 10 | 4 | 6 |
| | PC11. demonstrate first aid medical treatment procedure | | 8 | 0 | 8 |
| | PC12. demonstrate actions to be taken in case of fire | | 10 | 2 | 8 |
| | PC13. prepare and maintain daily inspection report and submit it to the reporting authority | | 12 | 4 | 8 |
| | | | 130 | 40 | 90 |

| Compulsory NOS | | Marks Allocation | | | |
|--|---|------------------|--------|---------|------------------|
| Total Marks: [100] | | | | | |
| Assessment outcomes | Assessment Criteria for outcomes | Total Marks | Out Of | Theor y | Skills Practical |
| 2. {HYC/N3602 Perform fire safety operation} | PC1. identify the ignition source such as flame, spark, static electricity, heat source etc | 120 | 10 | 4 | 6 |
| | PC2. classify fire according to standard class of fire i.e. class A, B, C, D & E | | 10 | 4 | 6 |
| | PC3. select the type of fire extinguishers to be used according to the class of fire | | 10 | 2 | 8 |
| | PC4. Use various PPEs applicable during firefighting | | 10 | 2 | 8 |
| | PC5. adopt suitable firefighting method according to class of fire and firefighting equipment | | 10 | 0 | 10 |
| | PC6. operate fire extinguishers using appropriate method to extinguish fire | | 10 | 2 | 8 |
| | PC7. maintain fire safety equipment as per maintenance check list | | 10 | 4 | 6 |
| | PC8. respond in the event of a fire with appropriate fire extinguishing method for fire due to gas leakages | | 10 | 2 | 8 |
| | PC9. check for open or damage valves in case of fire due to gas leakage | | 10 | 4 | 6 |
| | PC10. carryout first aid measures in case of inhalation of toxic gas | | 10 | 4 | 6 |
| | PC11. report the problem to his reporting authority in case of emergency situations | | 10 | 6 | 4 |
| | PC12. inform the fire safety team/in charge in case the situation out of his control | | 10 | 6 | 4 |
| | | | 120 | 40 | 80 |

| Compulsory NOS | | | | Marks Allocation | |
|---|---|-------------|--------|------------------|------------------|
| Total Marks: [100] | | | | | |
| Assessment outcomes | Assessment Criteria for outcomes | Total Marks | Out Of | Theory | Skills Practical |
| HYC/N9301 Work effectively in a team | PC1. maintain clear communication with colleagues | 100 | 10 | 5 | 5 |
| | PC2. work with colleagues as a team | | 10 | 5 | 5 |
| | PC3. pass on information to in line with organisational requirements | | 10 | 5 | 5 |
| | PC4. work in ways that show respect for colleagues | | 10 | 5 | 5 |
| | PC5. carry out commitments made to colleagues | | 10 | 5 | 5 |
| | PC6. let colleagues know in good time if cannot carry out commitments, explaining the reasons | | 10 | 5 | 5 |
| | PC7. identify problems in working with colleagues and take the initiative to solve these problems | | 10 | 5 | 5 |
| | PC8. follow the organisation's policies and procedures for working with colleagues | | 15 | 5 | 10 |
| | PC9. ability to share resources with other members as per priority of tasks | | 15 | 5 | 10 |
| | | | | 45 | 55 |