Assessment Guide

Safety Inspector (OSHE)

NSQF Level – 5.5

Sector: Cross Sectoral

Occupation: Occupational Safety Health & Environment (OSHE) Engineering & Management

Qualification Pack Code: SSD/VSQ/Q0104

Version: 1.0

Contents

Qualification Structure

To achieve full certification as Safety Inspector (OSHE), trainees must complete all eight units (NOS) and pass assessments. The assessments will comprise of theory & practical tests.

Sl. no	Unit No. (NOS)	Title	Assessment method
001	SSD/VSQ/N0117	Occupational Safety, Health, and Environment (OSHE) Management	The assessment will be made for the competencies required by the trainee on skills, knowledge & understanding of occupational health and safety practices, identification of loopholes and gaps in the safety system, fire hazards in the workplace, firefighting methods, and a systematic approach to identifying and correcting potential hazards including fire accidents. The assessment will be based on theory, viva- voice or practical.
002	SSD/VSQ/N0118	Hazard Identification & Risk Analysis	The assessment will be made for the competencies required by the trainee on skills, knowledge & understanding of identifying workplace hazards, analyzing severity and risk ratings, and applying accident prevention theories to avoid mishaps and ensure safety. The assessment will be based on theory, viva-voice or practical.
003	SSD/VSQ/N0119	Investigating Occupational Safety and Health Incidents	The assessment will be made for the competencies required by the trainee on skills, knowledge & understanding of procedures to identify and investigate occupational safety and health incidents, determine root causes, and develop corrective actions to prevent future occurrences. The assessment will be based on theory, viva- voice or practical.
004	SSD/VSQ/N0120	Conducting Workplace Inspections for OSHE	The assessment will be made for the competencies required by the trainee on skills, knowledge & understanding of safety inspections related to organizational compliance with safety processes, standard operating procedures (SOPs), applicable government rules and regulations, and maintenance of records and documentation. The assessment will be based on theory, viva-voice or practical.

005	SSD/VSQ/N0112	Pollution & Environment Management, Global warming, and sustainability	The assessment will be made for the competencies required by the trainee on skills, knowledge & understanding of identifying the impact of a process, task, or activity on the environment. This includes understanding physical and biological environmental factors, recognizing environmental degradation caused by development activities, and knowledge of mitigation methods to reduce environmental harm. The assessment will be based on theory, viva- voice or practical.
006	SSD/VSQ/N0109	Statutes & Legislative requirements in Health & Safety	The assessment will be made for the competencies required by the trainee on skills, knowledge & understanding of regulations and regulatory compliance requirements as per the laws governed by the Government of India. The assessment will be based on theory, viva- voice or practical.
007	SSD/VSQ/N0104	Plan, Organize and Emergency protocols	The assessment will be made for the competencies required by the trainee on skills, knowledge, and understanding related to planning and organizing work to ensure a safe working environment for workers. This includes setting emergency protocols and measures in case of unforeseen incidents or accidents to minimize damages and losses. The assessment will be based on theory, viva-voice, or practical.
008	DGT/VSQ/N0102	Employability Skills	The assessment will be made for the competencies required by the trainee on skills, knowledge & understanding required by the professionals to generic skill in getting employment, financial dealing, digital literacy and communication with employer or customer. The assessment will be based on theory, viva-voice or practical.

Guidance for assessors

This qualification provides the performance criteria, skills and knowledge required to perform for the job role of Safety Inspector (OSHE) at NSQF Level 5.5. The role is referred to as 'Safety Inspector (OSHE).'

Brief job description: The Safety Inspector (OSHE) will be responsible for inspection and ensuring the safety of the workplace by identifying and assessing potential hazards and highlighting measures to prevent accidents. The role involves conducting regular inspections, preparing reports, and making recommendations to management coordinating with regulatory bodies and executives on ways to improve safety standards and best safety practices. Safety Inspector is also responsible to examine a company's machinery, operational procedures, management techniques, and environmental concerns, investigating & maintaining incidents, and accidents along with recommending corrective actions to reoccurrence.

Personal attributes: The professional should be mentally and professionally fit to take responsibility for compliances of health and safety standards, rules and meet the health and safety standards at the workplace with his/her integrity, objectivity, independence, knowledge of law, expression, and code of ethics.

Introduction to assessments:

The assessment will be made based on the competencies required by the trainees to perform the job role of Safety Inspector (OSHE). The assessment will be based on understanding, practical demonstration and on the job training as defined in the performance criteria & practical skill defined in the qualification pack of the job role. The trainees will be required to complete a number of assignments to show their skills & understanding of the subject through theory, demonstration and practical performances.

Grading and pass percentage

1. The assessment consists of two categories:
    a. Practical Assessment – to assess the practical performance skills.
    b. Theory Assessment – to assess knowledge & understanding of the domain.
2. The weightage of the assessment will be:
    a. Practical Assessment – 50%
    b. Theory Assessment – 50%

3. Each NOS for its Performance Criteria (PC) has been assigned marks proportional to its importance. Proportion of marks for Theory and Practical has been marked NOS wise.

4. Questions on practical & theory will be formed in such a way as to provide outcome on maximum Performance Criteria and in proportional way within the NOS.

5. The assessment for the theory part will be based on written questions (short question, multiple choice & viva, or a combination of them) created/approved by the SSDF.

6. The assessment for the practical part will be based on practical conducted for trainees. In case of remote/on-line assessments, the practical's can be carried through proctors or practical questions formulated based on pictorially represented logical questions (based on pictures of practical & logical steps) created/approved by the SSDF.

7. The passing and grading criteria of each NOS & cumulative for QP will be as follows: -

    a. 70% or more than 70% - Grade "A"

    b. 60% or more than 60% but less than 70% - Grade "B"

    c. 50% or more than 50% but less than 60% - Grade "C"

    d. Less than 50% - Grade "Fail."

    e. If individual gets less than 50% and 35% or more in the NOS and overall, 50% or more; individual will be considered "pass" with grade "C" only irrespective of overall marks.

    f. Individuals getting less than 50% in more than one NOS and getting overall marks 50% or more in QP will be put in grade "Fail".

    g. Any candidate can ask for re-assessment in any of the NOSs or all the NOSs to improve his/her performance within three months from the date of publication of the results and after payment of the assessment fee. But if any candidate wants re-assessment after three months from the date of publication of results, he/she will have to appear in all the NOSs applicable for the qualification.

2.1 Performance/Skill Assessments

The performance/skill assessment will be conducted through demonstration/practical.

SSD/VSQ/N0117: Occupational Safety, Health, and Environment (OSHE) Management– Performance/Skill Assessment

The trainee should demonstrate understanding of HSE concepts, accident cost theory, safety responsibilities, and SMART goal setting. They must apply the PDCA cycle, deliver toolbox talks, and conduct induction training. Practical skills should include gas testing with standard sensors, identifying fire types and hazards, and operating firefighting equipment using the PASS technique. Trainees must participate in mock evacuation drills, identify emergency systems, and use SCBA. They should explain safety roles, process safety elements like QRA and LOPA, and demonstrate contractor safety procedures, including permit-to-work and safety reviews.

SSD/VSQ/N0118: Hazard Identification & Risk Analysis– Performance/Skill Assessment

The trainee should identify various hazards, unsafe acts, and types of incidents, and apply the hierarchy of controls in practical scenarios. They must recognize risks related to electricity, fire, height, confined spaces, manual handling, and psychosocial hazards. Trainees should calculate safety metrics like frequency rate, incident rate, severity rate, and DART rate. They must explain key accident causation theories and perform basic hazard identification, risk assessment, job safety analysis, and fault/event tree analysis. Understanding of motivational theories related to safety behavior should also be demonstrated.

SSD/N0119: Investigating of Occupational Safety and Health Incidents – Performance/Skill Assessment

The trainee should identify types and causes of incidents, including unsafe acts, environmental and technical failures. They must apply investigation techniques, collect and analyse data, and perform root cause analysis. The trainee should prepare structured reports with findings, impact, and corrective actions, and recommend preventive measures, resources, timelines, and departmental responsibilities.

SSD/VSQ/N0120: Conducting Workplace Inspections for OSHE – Performance/Skill Assessment

The trainee should demonstrate the ability to perform visual inspections to identify workplace hazards, unsafe practices, and inadequate safeguards. They must assess processes, equipment, and environmental changes that may introduce new risks, and suggest corrective measures. They must prepare detailed inspection reports highlighting deviations, safety gaps, operational impacts, and recommend corrective actions, required resources, training, timelines, and departmental responsibilities.

SSD/VSQ/N0112: Pollution & Environment Management, Global warming, and sustainability – Performance/Skill Assessment

The trainee should identify types and sources of pollution, explain their effects, and suggest suitable control measures. They must demonstrate understanding of waste types, disposal methods, hazardous waste handling, and the 6Rs of sustainability. The trainee should be able to interpret environmental regulations and apply knowledge of pollution control laws and protocols.

SSD/VSQ/N0109: Statutes & Legislative requirements in Health & Safety – Performance/Skill Assessment

The trainee should demonstrate understanding and application of key safety, health, and environmental laws, including BOCW Act, Factories Act, OSH Code, Environment Protection Act, and ILO guidelines. They must show familiarity with sector-specific regulations like OISD, DGMS, PESO, NBC, NFPA, and others. Assessment should include their ability to interpret and apply these legal requirements in workplace scenarios, ensuring compliance and promoting safety.

SSD/VSQ/N0104: Plan, Organize and Emergency protocols

The trainee should demonstrate the ability to plan safety resources, allocate tasks, and coordinate effectively with the team. They must organize and monitor work progress, communicate clearly, and report status accurately. For emergency preparedness, the trainee should set up medical and fire response protocols, identify evacuation routes, and ensure emergency signage and assembly points are in place.

DGT/VSQ/N0102: Employability Skills

The trainee should demonstrate key employability skills such as communication, teamwork, digital literacy, and professionalism. They must be able to use internet, e-mails, financial transactions methods and Apps. They should be able to communicate and apply for the jobs online.

The Performance/Skill Assessments

The assessment will be conducted in a simulated working environment. Due to this fact, the assessors must note that the naturally occurring evidence of competence is unavailable or infrequent. Simulation must be undertaken in a Realistic Working Environment which provides an environment that replicates the key characteristics of the workplace in which the skill to be assessed is normally employed.

Scheduling the practical observations is flexible but to retain integrity of the assessment, they should be conducted as closely as possible to the written assessments.

Trainees are not permitted to use the observation checklist to work when completing the practical tasks but may familiarize themselves with it prior to an assessment.
It will be beneficial to take trainees through what is required in the practical assessments and the way in which each part will be graded. Trainees should have an opportunity to familiarize themselves with the way the tasks are graded.
Trainees may refer to their faculty for guidance on parts of the practical assignments only, though they should be aware that, especially for the practical assessments, the amount of guidance and support they are given may be reflected in the feedback and performance.

Knowledge Assessment

Synoptic test is an MCQ (Multiple Choice Question) test to assess the underpinning knowledge. The synoptic MCQ tests are externally set and externally marked.

This test is to be taken by the trainee after completion of all the units under controlled and invigilated conditions as closed-book test under the supervision of an assessor. Trainees can only achieve whole marks; half marks for partially answered questions are not permitted. Selection of two or more options will be marked as wrong.

The answers should be marked by pen only. The test may be conducted by the assessor in the oral mode, if required, considering the lack of reading and comprehending acumen (skills) of trainees. In such cases, the assessor will mention it on top of the MCQ submitted.

Grading criteria for The Performance/Skill Assessments

NOS No.	Title	Performance & Knowledge Assessment	Assessment Marks	Min. Passing marks	Assessment Result (Total
SSD/VSQ/N0117	Occupational Safety, Health, and Environment (OSHE) Management.	57	100	50% of individual NOS and 50% overall as per NOS weightage	50% of total NOS weightage ≥ Pass 50% of total NOS weightage < Fail
SSD/VSQ/N0118	Hazard Identification & Risk Analysis	57	100		
SSD/VSQ/N0119	Investigating Occupational Safety and Health Incidents	50	100		
SSD/VSQ/N0120	Conducting Workplace Inspections for OSHE	54	100		
SSD/VSQ/N0112	Pollution & Environment Management, Global warming, and sustainability	25	100		
SSD/VSQ/N0109	Statutes & Legislative requirements in Health & Safety	53	100		
SSD/VSQ/N0104	Plan, Organize and Emergency protocols	29	100		
DGT/VSQ/N0102	Employability Skills	36	50		
Total		**360 Min**	**750 Marks**		

2.2 Viva Assessment

Trainees may be required to take the viva test for their theory or their practical observation test which is an extended part of the practical observation and assessment. The viva assessments are externally set and externally marked.

2.3 Question papers for synoptic test

The question paper of the synoptic test is a confidential document. It will be held under the custody of SSDF/Assessment Agencies. The assessment agencies can be permitted to prepare the question papers and get them approved from SSDF. The centers need to follow the indenting process to obtain the question paper to administer the test.

2.4 Authenticity

Centers are reminded to check for authenticity of work where trainees may be using texts and the internet to complete tasks.

2.5 Feedback

Assessors must provide feedback on every occasion when a skills observation takes place. A proforma for feedback is included in this assessment guide.

2.6 Trainee records of coursework

Trainees should be encouraged to keep their work carefully in a portfolio or scrapbook. This may be an unfamiliar form of record keeping for some, but it is a good discipline which will benefit them when they progress in their learning and training.

2.7 Assessment sheets

The assessment records will be maintained as per the assessment sheet given in this document.

2.8 Codes of practice

Safe working practices, health and safety and codes of practice associated with the industry must always be adhered to.

2.9 Health and safety

The requirement to follow safe working practices is an integral part of all assessments and it is the responsibility of centers to ensure that all relevant health and safety requirements are in place before trainees start practical assessments.

Should a trainee fail to follow health and safety practice and procedures during an assessment, the assessment must be stopped and the trainee be advised of the reasons. In case of doubts, guidance should be sought from the SSDF.

2.10 Verification of assignments

By using marking checklists, verifiers can check that evidence for an assignment is complete and can ensure that allocation of marks has been fair and beyond dispute.

2.11 Internal quality assurance

Approved centers must have effective quality assurance systems to ensure optimum delivery and assessment of qualifications.

Quality assurance includes initial center approval, qualification approval and the Centre's own internal procedures for monitoring quality. Centers are responsible for internal quality assurance and SSDF and Assessment Agency are jointly responsible for external quality assurance.

Full details and guidance on the internal and external quality assurance requirements and procedures are provided by SSDF from time to time.

The Assessment Agencies are required to retain copies of trainees' assessment records and photographic evidence (in presence of trainee performing task) for three years after assessment. They can be asked by SSDF to provide these evidences as proof of assessment.

2.12 Evidence Collection by the Assessor

- The assessor needs to collect a copy of the attendance for the training done. The attendance sheet needs to be signed by the Training Centre Head.
- The Centre head also needs to declare that all the students appearing in the assessments have a minimum attendance of 70% for the training.
- The assessor needs to verify the authenticity of the candidate by checking the photo ID card issued by the institute as well as any one Photo ID card issued by the Central/ State Government.
- The same needs to be mentioned in the attendance sheet. Wherever required, the assessor can authenticate and cross verify trainee's credentials in the enrollment form.
- The assessor needs to punch the trainee's roll number on all the final job pieces of learners. Different sections can have alpha numbering such as if a student's roll number is 123 then the three pieces submitted by that student can be numbered as 123a, 123b and 123c.
- The assessor needs to take a group photograph of all the students along with the assessor standing in the middle and with the Centre name/banner at the back, as evidence.
- The assessor needs to carry a camera to click photographs of the trainees working on the job and give theory exam as evidence with geo tagged, timestamp.
- The assessor also needs to carry a photo ID card.
- In the Assessment Evidence Form (provided after the practical marks sheet), the assessor should place the final photographic evidence in the space provided as evidence, from appropriate angles/sides of the final job piece submitted.

Trainee Guidance

Information for trainees

The assessment requires a trainee to perform a combination of tasks as given below:

The trainee will be required to demonstrate the occupational skills, knowledge, understanding and competencies mentioned in the Qualification Pack.

Before the final assessments

The training partner (TP) will ensure that the trainees are ready for the assessment. The date and time of assessment would be intimated by the SSDF.

The trainee is required to reach the assessment venue at the scheduled date and time. TP is required to circulate/download the information regarding the assessment to the trainee. Failure to reach the assessment venue for the theory or the practical test as per the schedule would be considered absent. In exceptional cases, an assessor can give a maximum of half an hour of concession time for late coming.

The trainee is required to carry their Institutes photo ID card as well as a government issued photo ID card for verification on all days of assessments.

Any misbehavior/unethical practice by a trainee would lead to disqualification of the trainee.

The first assessment will have the theory test followed by practical and may be viva in smaller batches. (20- 30 trainees)

Assessments

Assessments for the job role of Safety Inspector are conducted to gauge and assess the trainees' competencies and professional expertise as well as their skill and knowledge in the specified job role for Safety Inspector (OSHE).

During the practical task, trainees will be assessed on their workmanship, quality of finished products, time management, etc., based on the performance criteria (PC), knowledge and understanding and their professional and soft skills as specified in the qualification pack. They will be graded for all their assessments based on the approved assessment strategy of the Qualification Pack. The performance criteria checklist as a guide for all qualifications is given in Practical Observation Checklist. Assessment tools and sample set of practical, theory & viva questions for each NOS, assessment evidence, overall summary, and NOS wise summary are also listed.

Practical Observation Checklist

Safety Inspector (OSHE)					
1. Learner Name: _____ 2. Enrolment No: _____ 3. Centre: _____					
Guidance to assessors: 1. The assessor must exhibit the observation checklist to the learners before the commencement of the practical and explain to them how the learners will be observed and graded during the practical assessment. However, the learners are not allowed to use the practical observation checklist during the assessment or task. 2. The assessor must ensure that all the tools listed in the "List of Tools" are made available by the center to every learner being assessed.					
NOS/Module Name	**Assessment Criteria for Performance Criteria/Learning Outcomes**	**Theory Marks**	**Practical Marks**	**Project Marks**	**Viva Marks**
SSD/VSQ/N0117: Occupational Safety, Health, and Environment (OSHE) Management.	PC1. Understand the concept of Health, Safety and Environment management at the workplace, its importance and the moral, financial and legal reasons for health and safety at the workplace.	3	3	-	-
	PC-2 Understand "Accident Cost-Iceberg" theory of direct and indirect cost incurred from an incident.	3	3	-	-
	PC3. Understand the employer responsibilities in providing safe working conditions and the employee rights & responsibilities at a workplace, safety culture, its indicators and role of International Labour Organization in health &	3	3	-	-

	safety.				
	PC4. Understand safety Policy, the general statement of intent in a safety policy, its aim, objectives and "SMART" concept of goal setting.	3	3	-	-
	PC5. Understand the requirement of Plan-Do-Check-Act (PDCA) Cycle in safety management system; understand and analyze "Plan" & "Do" stages and "Check" and "Act" stages of PDCA cycle.	4	4	-	-
	PC6. Understand the need of training, the contents of induction training & competent persons at the workplace, carry out "Toolbox talk" and "Induction training".	4	4	-	-
	PC7. Learn gas testing using – LEL sensor, O2 sensor, H2S sensor, Co Sensor.	4	4	-	-
	PC8. Understand basic definitions-Flammable liquids, Combustible matter/liquids, Combustible gasses, combustion, oxygen percentage in air, exothermic and endothermic reactions, radiation, understand the Fire triangle and classification fire. Understand the common reason for fire accidents.	3	3	-	-
	PC9. Understand types of fire-fighting equipment, its principle of operation, components in different	3	3	-	-

	fire extinguishers, PASS technique & operation of fire hydrants.				
	PC10. Understand the use of smoke detectors, fire alarm, emergency lighting, flashing light, sprinklers, and pressure requirements in fire hydrants, PPE's, SCBA (Self-contained breathing apparatus) and use of SCBA.	3	3	-	-
	PC11. Understand the requirements of emergency evacuation – Escape route as per IS1644, emergency door, assembly point, evacuation, evacuation of differently abled, evacuation procedure, fire drills on emergency evacuation.	3	3	-	-
	PC12. Understand the role of management in an organization, role of safety supervisor, safety executive, safety officer, safety engineer, and safety manager.	2	2	-	-
	PC13. Understand fundamentals of process safety, OSHA standards. QRA, LOPA, SIL, FERA, EERA.	4	4	-	-
	PC14. Understand the role of occupier, controller of premise, role & need of contractors in the organization & work permit to contractors, role of safety committee.	4	4	-	-
	PC15. Understand the selection	4	4	-	-

	prerequisites of a contractor, management of contractors, review meetings, safety committee meetings, method statements, accident reporting, training programs, statutory inspections, permit to work, gaps in contractor safety implementation of contractor safety.				
	NOS Total Marks	**50**	**50**	-	-
SSD/VSQ/N0118: Hazard Identification & Risk Analysis	PC1. Understand hazards, unsafe conditions & acts, incidents & accidents, fatal, non-fatal, near miss incidents & accidents, lost time injury & first aid injury.	5	5	-	-
	PC2. Understand hazard categories, controls, hierarchy of controls.	5	5	-	-
	PC3. Understand hazards from electricity, fire, workplace hazard - work at height, confined space, working in an excavation, lone working, slips & trips, lifting and Rigging hazards.	5	5	-	-
	PC4. Understand different hazard categories & control: Hazardous substances, Musculoskeletal disorders, manual handling, and load handling equipment, noise, vibration, radiation, mental ill-health, violence at work, abuse at workplace	5	5	-	-

	PC-5 Understand basic definitions-incident, accident, Injury, lost time injury, unsafe condition, unsafe Acts, dangerous occurrences, hazards, error, near miss.	3	3	-	-
	PC-6 Understand theories of accident causation- Heinrich's Domino theory", "Heinrich 300-29-1 model, "" Ferrell's Human Factor Model", "Petersen's Accident/Incident Model" and Reason's Swiss Cheese Model".	3	3	-	-
	PC-7 Calculate "Frequency rate & Incident rate". Calculate "Lost time case rate"	2	2	-	-
	PC-8 Calculate "DART rate". Calculate "Severity rate"	2	2	-	-
	PC-9 Understand "Fault tree analysis" and "Event tree analysis", "HAZOP- Hazard, operability analysis" and "Job safety analysis".	5	5	-	-
	PC10. Understand "Hazard Identification and risk assessment".	5	5	-	-
	PC-11 Learn the hierarchy of controls, Importance of hierarchy of control & steps in hierarchy of control	5	5	-	-
	PC-12 Understand Maslow's theory of Hierarchical Needs, Hertzberg's two- factor theory and McClelland's	5	5	-	-

	theory of needs, Vroom's Theory of Expectancy, McGregor's theory X and theory Y and Alderfer's ERG theory				
	NOS Total Marks	**50**	**50**	-	-
SSD/VSQ/N0119: Investigating of Occupational Safety and Health Incidents	PC-1 Understand categories of incidents & accidents; fatal, non-fatal, near miss incidents & accidents; lost time injury & first aid injury	5	5	-	-
	PC-2 Understand hazards and causes involved; unsafe conditions, accidents, acts, natural causes, mistakes, technology failure, lack of training & awareness, behavioral, poor maintenance, failures, weather & environment etc.	5	5	-	-
	PC3. Understand reasons & causes involved; fire, electricity, machine, equipment, movement of vehicles & equipment, confined area, working at height, working at depth, storage, chemical, nuclear etc.	5	5	-	-
	PC-4 Understand techniques of investigation; iterative, interrogative technique used to explore the cause-and-effect relationships underlying a problem, fault finding.	5	5	-	-
	PC-5 Planning of immediate action, understanding of	5	5	-	-

	incidents, interaction with staff, data collection, data analysis.				
	PC-6 Identify factors, the circumstances & causes leading to the accidents, and carry out root cause analysis.	5	5	-	-
	PC-7 Prepare fundamental information, reasons, damages, injuries, financial losses.	5	5	-	-
	PC-8 Prepare affected individuals, materials, equipment's, effect on morale of workforce, financial effect.	5	5	-	-
	PC-9 Prepare the corrective action and preventive actions to be taken to prevent and avoid such accidents or incidents.	5	5	-	-
	PC-10 List out measures, resources required, training & facilities for staff and time lines for actions and responsibilities of departments.	5	5	-	-
	NOS Total Marks	**50**	**50**	-	-
SSD/VSQ/N0120: Conducting Workplace Inspections for OSHE	PC-1 Understand inspection techniques of the workplace for hazards & risks; visual, processes, maintenance, equipment operation, safeguards provided and others.	4	4	-	-
	PC-2 Identify workplace practices and determine aspects of operations, process, action, movements, places which can be unsafe.	4	4	-	-

	PC-3 Identify existing and potential hazards. Examine equipment and determine whether safeguards are sufficient. Identify changes to work areas which may pose new risks.	4	4	-	-
	PC-4 Establish the procedures to eliminate these hazards, or otherwise guard/protect against them.	4	4	-	-
	PC-5 Monitor effectiveness of previous corrective actions and safety standards are being maintained.	4	4	-	-
	PC-6 Understand & prepare standard operating procedure related to OSHE	5	5	-	-
	PC-7 Understand the documents, record incident report, previous report maintained by the organization affecting OSHE and carry out inspection with stand operating procedures.	5	5	-	-
	PC-8 Understand and prepare checklist & questionnaire for inspection and able to take input from staff, management, and workers.	5	5	-	-
	PC-9 Prepare and list inputs and information from inspection.	5	5	-	-
	PC-10 Analyze and prepare details of deviations & gaps and effect on safety, health,	5	5	-	-

	environment, probable effect on operation & finances.				
	PC-11 List out measures, resources required, training & facilities for staff and time lines, responsibilities of departments to bridge the gaps, future requirement, and submission of the report.	5	5	-	-
	NOS Total Marks	**50**	**50**	**-**	-
SSD/VSQ/N0112: Pollution & Environment Management, Global warming, and sustainability	PC-1 Understand environment & atmospheric pollution, water pollution, land pollution, noise pollution, air quality, ill effects, and control.	10	10	-	-
	PC-2 Understand types of waste, its disposal techniques, and concepts of effluent treatment plants.	10	10	-	-
	PC-3 Hazardous waste management & 6R's.	5	5	-	-
	PC-4 Understand the regulatory requirements of Central Pollution Control Board & State Pollution Control Board and Environment Protection Act, 1986" & KYOTO protocol.	5	5	-	-
	PC-5 Learn about remote sensing, air monitoring, biological monitoring, soil monitoring and water monitoring.	5	5	-	-
	PC-6 Understand EIA-Environmental impact assessment and LCI- Life cycle Impact	5	5	-	-

	assessment.				
	PC-7 Understand global warming and climate change, greenhouse gases & greenhouse effect, carbon cycle, carbon footprints, carbon neutrality & Carbon credits.	4	4	-	-
	PC-8 Understand ozone layer, ozone layer depletion, elements affecting the ozone layer, acid rain, wet deposition, dry deposition, and its factors.	3	3	-	-
	PC-9 Understand the meaning of Eco-friendly, energy conservation methods using solar, hydro, wind, biomass, water, and harvesting.	3	3	-	-
	NOS Total Marks	**50**	**50**	**-**	-
SSD/N0109, v1.0: Statutes & Legislative requirements in Health & Safety.	PC-1 Apply regulatory obligations pertaining to safety, health, and environmental compliance in accordance with the BOCW Act of 1996.	4	4	-	-
	PC-2 Apply regulatory obligations pertaining to safety, health & environment compliance as per Factories Act, 1948.	4	4	-	-
	PC-3 Apply regulatory obligations pertaining to safety, health & environment compliance as per OSH Code 2020 & Occupational Safety & Health Administration (OSHA) compliance requirements.	4	4	-	-

	PC-4 Apply regulatory obligations pertaining to Environment Protection Act, 1986 & ILO Guidelines related to EHS.	3	3	-	-
	PC-5 Apply regulatory obligations pertaining to Oil Industry Safety Directorate (OSID) Guidelines	4	4	-	-
	PC-6 Apply regulatory obligations pertaining to Mines Vocational Training Rules – DGMS	4	4	-	-
	PC-7 Apply regulatory obligations pertaining to Electricity Act 2010 & 2003	3	3	-	-
	PC-8 Apply regulatory obligations pertaining to National Building Code (NBC) – 2016	3	3	-	-
	PC-9 Apply regulatory obligations pertaining to National Fire Protection Association regulations.	4	4	-	-
	PC-10 Apply regulatory obligations pertaining to Petroleum & Explosive Safety Organization (PESO)-Explosive Act 1884.	3	3	-	-
	PC-11 Apply regulatory obligations pertaining to Gas Cylinders Rule 2016	3	3	-	-
	PC-12 Apply regulatory obligations pertaining to The Boilers Act 1923	2	2	-	-
	PC-13 Apply regulatory obligations pertaining to Workmen Compensation Act 1923 & Employee State Insurance Act	3	3	-	-

	1948 and related compliance.				
	PC-14 Apply regulatory obligations pertaining to Motor vehicle Act 1988	3	3	-	-
	PC-15 Apply regulatory obligations pertaining to First Aid at workplaces and training on first aid.	3	3	-	-
	NOS Total Marks	**50**	**50**	**-**	-
SSD/VSQ/N0104, Plan, Organize and Emergency protocols	PC-1 Planning of safety resources, schedules, measures, and timelines for readiness as per overall work timelines.	5	5	-	-
	PC-2 Communication to other team members, co-workers, subordinates & superiors, and coordination with other team members.	5	5	-	-
	PC-3 Task identification and allotment to subordinates, supervision, and coordination among the team members for readiness in sync with overall task & timelines.	5	5	-	-
	PC-4 Resource collection, provisioning of resources to team members as per task & timelines.	6	6	-	-
	PC-5 Communicate & brief to concerned co-workers, subordinates & superiors, provide guidance to subordinate & co-workers for timely and correct completion.	6	6	-	-

	PC-6 Supervision & monitoring progress of work, reporting the progress & completion, preparation of reports & documents.	6	5	-	-
	PC-7 Set up medical emergency measures, in case of accidents/incidents at the workplace.	6	6	-	-
	PC-8 Set up fire emergency measures as per plans in case of any fire accidents at the workplace.	6	6	-	-
	PC-9 Set up emergency assembly area, evacuation plan, sign boards and guidance.	5	6	-	-
	NOS Total Marks	**50**	**50**	**-**	-
DGT/VSQ/N0102: Employability Skills	PC-1 Identify employability skills required for jobs in various industries	0.5	0.5	-	-
	PC-2 Identify and explore learning and employability portals	0.5	0.5	-	-
	PC-3 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.	0.5	0.5	-	-
	PC-4 Follow environmentally sustainable practices	0.5	0.5	-	-
	PC-5 Recognize the significance of 21st Century Skills for employment	1.5	1.5	-	-

	PC-6 Practice the 21st Century Skills such as Self-Awareness, Behavior 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.	1.5	1.5	-	-
	PC-7 Use basic English for everyday conversation in different contexts, in person and over the telephone	1	1	-	-
	PC-8 Read and understand routine information, notes, instructions, mails, letters etc. written in English	1	1	-	-
	PC-9 Write short messages, notes, letters, e-mails etc. in English	1	1	-	-
	PC-10 Understand the difference between job and career	0.5	0.5	-	-
	PC-11 Prepare a career development plan with short- and long-term goals, based on aptitude	1	1	-	-
	PC-12 Follow verbal and non-verbal communication etiquette and active listening techniques in various settings	1	1	-	-
	PC-13 Work collaboratively with others in a team	1	1	-	-
	PC-14 Communicate and behave appropriately with all genders and PwD	0.5	0.5	-	-

	PC-15 Escalate any issues related to sexual harassment at workplace according to POSH Act	0.5	0.5	-	-
	PC-16 Select financial institutions, products, and services as per requirement	0.5	0.5	-	-
	PC-17 Carry out offline and online financial transactions, safely and securely	1	1	-	-
	PC-18 Identify common components of salary and compute income, expenses, taxes, investments etc.	0.5	0.5	-	-
	PC-19 Identify relevant rights and laws and use legal aids to fight against legal exploitation	0.5	0.5	-	-
	PC-20 Operate digital devices and carry out basic internet operations securely and safely	1	1	-	-
	PC-21 Use e- mail and social media platforms and virtual collaboration tools to work effectively	2	2	-	-
	PC-22 Use basic features of word processor, spreadsheets, and presentations	1	1	-	-
	PC-23 Identify different types of Entrepreneurship and Enterprises and assess opportunities for potential business through research	1	1	-	-
	PC-24 Develop a business plan and a work model, considering the 4Ps of Marketing Product, Price, Place	1	1	-	-

	and Promotion				
	PC-25 Identify sources of funding, anticipate, and mitigate any financial/ legal hurdles for the potential business opportunity	1	1	-	-
	PC-26 Identify different types of customers	0.5	0.5	-	-
	PC-27 Identify and respond to customer requests and needs in a professional manner.	0.5	0.5	-	-
	PC-28 Follow appropriate hygiene and grooming standards	0.5	0.5	-	-
	PC-29 Create a professional Curriculum vitae (Résumé)	-	0.5	-	-
	PC-30 Search for suitable jobs using reliable offline and online sources such as Employment exchange, recruitment agencies, newspapers etc. and job portals, respectively.	0.5	-	-	-
	PC-31 Apply to identified job openings using offline /online methods as per requirement	0.5	0.5	-	-
	PC-32 Answer questions politely, with clarity and confidence, during recruitment and selection	0.5	-	-	-
	PC-33 Identify apprenticeship opportunities and register for it as per guidelines and requirement	-	0.5	-	-
	NOS Total Marks	**25**	**25**	**-**	
	Grand Total	**375**	**375**	-	

Tools, materials, and consumable list

List of Tools and Equipment

Batch Size: 30

S. No.	Tool / Equipment Name	Specification	Quantity for specified Batch size
1	Safety goggles	Nos	15
2	Full face shield	Nos	10
3	Leather gloves	Nos	9
4	Puncture resistant gloves	Nos	9
5	Chemical resistant gloves	Nos	9
6	Electrically insulated latex gloves	Nos	9
7	Safety helmets/hard hats	Nos	15
8	Ear plugs	Nos	15
9	Ear muffs	Nos	15
10	Safety shoes	Nos	15
11	Safety gumboots	Nos	15
12	High visibility jackets	Nos	15
13	N95 masks	Nos	15
14	Double filter half face mask	Nos	5
15	Double filter full face mask	Nos	5
16	SCBA – Self-contained breathing apparatus	Nos	1
17	Safety harness	Nos	15
18	Lanyard	Nos	15
19	Fall arrestor	Nos	15
20	CO2 Fire extinguisher	Nos	25

21	Dry Chemical Powder Fire extinguisher	Nos	25
22	Fire hydrant system	Nos	1
23	Multiple gas detector	Nos	1
24	TDS Meter	Nos	1

Classroom Aids

The aids required to conduct sessions in the classroom are:

1. Black/White board
2. Marker
3. Projector
4. Computer with relevant software

Assessment Method/Tools

SSD/VSQ/N0117: Occupational Safety, Health, and Environment (OSHE) Management.

A. Practical questions **Total Marks:50**

Draft an OSHE management plan for this construction site to address the recent safety incidents and ensure ongoing compliance with safety standards.

B. Multiple choice questions (5*10 =50 marks)

01	Why Safety?			
	☐	A. Moral	☐	B. Legal
	☐	C. Financial	☐	D. All of the above
02	What is the main purpose of Health, Safety and Environment (HSE) management at the workplace?			
	☐	A. Increase productivity	☐	B. Ensure compliance with legal requirements
	☐	C. Prevent workplace incidents and injuries	☐	D. All of the above
03	Which of following is employer responsibility?			
	☐	A. Ensuring Employee health, safety & welfare	☐	B. Creating safe work environment
	☐	C. Risk Assessment & Management	☐	D. All of the above
04	What is the purpose of the PDCA cycle in OSHE management?			
	☐	A. To increase production output	☐	B. To reduce employee complaints
	☐	C. To standardize workplace procedures	☐	D. To achieve continuous improvement
05	What does the acronym PASS stand for in fire safety?			
	☐	A. Pull, Aim, Squeeze, Sweep	☐	B. Push, Aim, Squeeze, Sweep
	☐	C. Pull, Assist, Squeeze, Spray	☐	D. Pull, Activate, Sweep, Secure
06	Which of following is key features of safety policy?			
	☐	A. Statement of intent	☐	B. Responsibility of Organisation

	☐	C. Arrangements for health & safety	☐	D. All of the above
07	What does the "LEL" measurement on a multigas detector typically indicate?			
	☐	A. Low environmental lighting	☐	B. Long-term exposure limit
	☐	C. Lower explosive limit of combustible gases	☐	D. All of the above
08	What does the acronym "SCBA" stand for?			
	☐	A. Sealed Chemical Breathing Aid	☐	B. Supplied Compressed Breathing Air
	☐	C. Safety Canister Breathing Apparatus	☐	D. Self-Contained Breathing Apparatus
09	Who is primarily responsible for ensuring that safety policies and procedures are implemented effectively throughout an organization?			
	☐	A. Safety Supervisor	☐	B. Safety Executive
	☐	C. Safety Officer	☐	D. Safety Manager
10	What is one of the key responsibilities of a safety committee?			
	☐	A. Marketing the organization's products	☐	B. Reviewing incident reports & recommending corrective actions
	☐	C. Organizing team-building activities	☐	D. Managing financial audits

SSD/VSQ/N0118: Hazard Identification & Risk Analysis

A. Practical questions **Total Marks:50**

Conduct a thorough hazard identification and risk assessment for equipment operations (e.g., dozers) and material handling on the site? How would you prioritize these risks and develop control measures?

B. Multiple choice questions (5*10=50 marks)

11	Which of the following best defines a hazard in the context of workplace safety?			
	☐	A. An unsafe act committed by an employee	☐	B. A minor injury requiring first aid treatment
	☐	C. A near miss incident	☐	D. A potential source of harm or danger
12	All accident are incident but all incident are not accident. (True/False)			
	☐	A. True	☐	B. False

13	In hierarchy of controls, PPE (Personal Protective Equipment) is _____.			
	☐	A. First Line of defence	☐	B. Last Line of defence
	☐	C. Both A & B	☐	D. None of the above
14	Which of following is electric hazard?			
	☐	A. Electric Shock	☐	B. Burns
	☐	C. Arcing	☐	D. All of the above
15	What does HIRA stand for in the context of safety management?			
	☐	A. Hazard Identification and Risk analogy	☐	B. Hazard Identification and Risk Assessment
	☐	C. Hazard Investigation and Risk Assessment	☐	D. Hazard Inspection and Risk Assessment
16	In "Heinrich's Domino theory", the injury is caused by the action of preceding factor. (True/False)			
	☐	A. True	☐	B. False
17	The holes in Reason's Swiss Cheese Model represent:			
	☐	A. Technological failures	☐	B. Deficiencies or weaknesses in safety barriers
	☐	C. Both A & B	☐	D. None of the above
18	What does the DART rate measure in workplace safety?			
	☐	A. The rate of incidents per hour worked	☐	B. The total number of hours worked by all employees
	☐	C. The number of cases involving days away from work, restricted work, or job transfer per 100 full-time employees	☐	D. The average number of lost workdays per incident
19	According to Vroom's Expectancy Theory, which of the following factors influences an individual's motivation to exert effort?			
	☐	A. Achievement, recognition, and responsibility	☐	B. Physiological, safety, and social needs
	☐	C. Hygiene factors and motivators	☐	D. Expectancy, instrumentality, and valence
20	What is the primary purpose of the hierarchy of controls?			

	☐	A. To increase the number of safety regulations	☐	B. To eliminate all risks in the workplace
	☐	C. To assign individual responsibilities for safety	☐	D. To provide a systematic approach to managing and controlling hazards

SSD/VSQ/N0119: Investigating Occupational Safety and Health Incidents				
A. Practical questions				**Total Marks:50**
Draft an investigation report of recent incident where a worker sustained a minor injury due to a falling object and identify the root cause and recommend corrective actions to prevent future incidents.				
B. Multiple choice questions (5*10=50 marks)				
21	Which category of incident results in death or serious injury?			
	☐	A. Non-fatal incident	☐	B. Fatal incident
	☐	C. Near miss	☐	D. First aid injury
22	In the context of incident reporting, which category is most likely to be reviewed for patterns or trends to prevent future accidents?			
	☐	A. Fatal incident	☐	B. Near miss
	☐	C. Non-fatal incident	☐	D. Lost time injury
23	What is meant by 'unsafe acts' in the context of workplace hazards?			
	☐	A. Actions that violate safety procedures or protocols	☐	B. Equipment malfunctions due to wear and tea
	☐	C. Environmental factors that contribute to accidents	☐	D. Natural disasters affecting the workplace
24	What is the primary goal of an accident investigation?			
	☐	A. To assign blame to individuals	☐	B. To increase insurance premiums
	☐	C. To understand the causes and prevent future incidents	☐	D. To comply with regulatory requirements only
25	Accident investigation is for Fact Finding not for Fault Finding.(True/False)			
	☐	A. True	☐	B. False

26	What is the purpose of interviewing witnesses during an accident investigation?			
	☐	A. To determine who is at fault	☐	B. To make immediate repairs
	☐	C. To gather detailed information about the accident	☐	D. To finalize legal actions
27	In the “5 Whys” technique, what is the purpose of repeatedly asking "why"?			
	☐	A. To find the immediate cause of the problem	☐	B. To uncover the root cause of an issue
	☐	C. To identify potential solutions	☐	D. To assess the impact of the problem
28	What does CAPA stand for in quality management and safety?			
	☐	A. Corrective Action and Preventive Action	☐	B. Corrective Assessment and Precautionary Assessment
	☐	C. Critical Analysis and Preventive Analysis	☐	D. Comprehensive Adjustment and Preventive Adjustment
29	What is the primary purpose of preparing an accident report?			
	☐	A. To assign blame for the accident	☐	B. To increase insurance premiums
	☐	C. To provide a detailed account of the accident and propose measures to prevent recurrence	☐	D. To avoid regulatory fines
30	Which document is essential for tracking the implementation and effectiveness of corrective and preventive actions?			
	☐	A. Financial report	☐	B. Employee performance review
	☐	C. Action Plan	☐	D. Market analysis report

SSD/VSQ/N0120: Conducting Workplace Inspections for OSHE

A. Practical questions **Total Marks:50**

Draft a inspection report at this construction site to ensure compliance with OSHE standards.

B. Multiple choice questions (5*10=50 marks)

31	Which inspection technique involves examining the physical appearance of a workplace to identify potential hazards?			
	☐	A. Process inspection	☐	B. Equipment operation review

	☐	C. Visual inspection	☐	D. Maintenance audit
32	When assessing equipment safeguards, what should be the primary focus?			
	☐	A. The cost of the equipment	☐	B. The adequacy of physical safety features such as guards, barriers, and safety switches
	☐	C. The training required for using the equipment	☐	D. The number of operators using the equipment
33	what is the full form of SOP?			
	☐	A. Strategic Operations Plan	☐	B. Standard Operating Procedure
	☐	C. Standard Operational Procedure	☐	D. Safety Operations Policy
34	What is the primary purpose of a Standard Operating Procedure (SOP) in the context of OSHE?			
	☐	A. To provide a general overview of company policies	☐	B. To outline employee performance evaluations
	☐	C. To detail specific procedures and guidelines for safely performing tasks	☐	D. To manage financial budgets
35	Inspections are a “do” and audits are a “check”. (True/False)			
	☐	A. True	☐	B. False
36	What is the primary purpose of maintaining incident records in a workplace?			
	☐	A. To comply with financial regulations	☐	B. To track employee attendance
	☐	C. To document and analyse incidents for improving safety and preventing recurrence	☐	D. To assess job performance
37	What is a critical element to include in an incident report?			
	☐	A. The colour of the equipment involved	☐	B. The number of employees present at the time
	☐	C. The date and time of the incident	☐	D. The financial impact of the incident
38	Why is it important to review incident reports regularly?			
	☐	A. To assess the financial impact of incidents	☐	B. To identify trends and improve safety measures

	☐	C. To ensure compliance with legal requirements	☐	D. To evaluate employee performance
39	What is the primary objective of preparing an inspection report?			
	☐	A. To assess employee performance	☐	B. To determine financial performance
	☐	C. To document the findings of an inspection and recommend improvements	☐	D. To create marketing strategies
40	Which of the following is a key component of an inspection report?			
	☐	A. Background information about the company	☐	B. Employee performance reviews
	☐	C. Detailed descriptions of identified issues or non-compliances	☐	D. Financial audit results

SSD/VSQ/N0112: Pollution & Environment Management, Global warming, and sustainability

A. Practical questions **Total Marks:50**

Develop strategies to mitigate pollution and reduce the site's carbon footprint at this construction site.

B. Multiple choice questions (5*10=50 marks)

41	Which of following is common air pollutant?			
	☐	A. Nitrogen dioxide	☐	B. Sulphur dioxide
	☐	C. Lead	☐	D. All of the above
42	Which air pollution control strategy focuses on reducing emissions at the source rather than cleaning up pollutants after they are emitted?			
	☐	A. End-of-pipe treatment	☐	B. Ambient air quality standards
	☐	C. Pollution prevention	☐	D. All of the above
43	The acceptable noise level in residential areas during daytime hours is typically is ___.			
	☐	A. 30 dB	☐	B. 50 dB
	☐	C. 70 dB	☐	D. 90 dB
44	What are the 6R's in sustainability?			
	☐	A. Reuse, reduce, repair, refuse, recycle, reimagine	☐	B. Rethink, Refuse, Reduce, Reuse, Recycle, Repair

	☐	C. Reduce, reuse, recycle, repair, refuse, reclaim	☐	D. Recycle, reduce, reuse, refuse, repair, recover
45	What does "carbon footprint" measure?			
	☐	A. Total carbon dioxide emissions from an individual or entity	☐	B. Energy efficiency of a building
	☐	C. Amount of carbon stored in forests	☐	D. None of the above
46	Which renewable energy source directly converts sunlight into electricity?			
	☐	A. Solar photovoltaic (PV) panels	☐	B. Hydroelectric power
	☐	C. Biomass energy	☐	D. Wind power
47	What does the greenhouse effect refer to?			
	☐	A. The process by which greenhouse gases cause the Earth's atmosphere to cool	☐	B. The increase in the Earth's surface temperature due to deforestation
	☐	C. The warming of Earth's surface due to trapped heat in the atmosphere	☐	D. The cooling effect of increased ice cover in polar regions
48	Which of the following gases is NOT a greenhouse gas?			
	☐	A. Nitrogen (N_2)	☐	B. Carbon dioxide (CO_2)
	☐	C. Water vapor (H_2O)	☐	D. Methane (CH_4)
49	What is the primary goal of an Environmental Impact Assessment (EIA)?			
	☐	A. To determine the financial feasibility of a project	☐	B. To evaluate the effectiveness of marketing strategies
	☐	C. To assess the environmental effects of a proposed project or development	☐	D. To analyse the performance of a company's financial investments
50	What does LCIA stand for in the context of environmental assessments?			
	☐	A. Life Cycle Inventory Analysis	☐	B. Local Climate Impact Assessment
	☐	C. Life Cycle Impact Assessment	☐	D. Long-term Carbon Impact Assessment

SSD/VSQ/N0109: Statutes & Legislative requirements in Health & Safety

A. Practical questions **Total Marks:50**

Mention key statutes and legislative requirements related to health and safety that must be considered for this construction site.				
B. Multiple choice questions (5*10 =50 marks)				
51	What does the BOCW Act of 1996 regulate?			
	☐	A. Building and Other Construction Workers' welfare	☐	B. Factories safety
	☐	C. Mines safety	☐	D. Oil industry safety
52	What is the primary objective of the Factories Act, 1948?			
	☐	A. To regulate financial transactions within factories	☐	B. To set guidelines for factory location
	☐	C. To ensure the health, safety, and welfare of workers in factories	☐	D. To manage factory marketing strategies
53	What is the role of the Factory Inspector under the Factories Act, 1948?			
	☐	A. To manage the factory's financial records	☐	B. To provide training on marketing strategies
	☐	C. To inspect factories to ensure compliance with the Act's provisions	☐	D. To handle employee grievances
54	What is the role of safety committees as per the OSH Code 2020?			
	☐	A. To handle employee grievances	☐	B. To manage payroll and compensation
	☐	C. To oversee and promote health and safety initiatives and ensure compliance	☐	D. To conduct performance reviews
55	What is the primary objective of the Environment Protection Act of 1986?			
	☐	A. To regulate financial transactions in environmental sectors	☐	B. To establish guidelines for corporate marketing strategies
	☐	C. To provide a framework for environmental protection and improvement	☐	D. To manage employee benefits and welfare
56	Which body is responsible for the implementation of the Environment Protection Act of 1986 in India?			
	☐	A. Central Pollution Control Board (CPCB)	☐	B. Indian Council of Medical Research
	☐	C. Reserve Bank of India	☐	D. Ministry of Corporate Affairs

57	What is the primary purpose of the Gas Cylinder Rules of 2016?			
	☐	A. To regulate the use of gas cylinders for recreational purposes	☐	B. To set guidelines for the marketing of gas cylinders
	☐	C. To ensure the safe handling, storage, and transportation of gas cylinders	☐	D. To manage the financial aspects of gas cylinder manufacturing
58	What is the primary objective of the Explosives Act 1884 (PESO)?			
	☐	A. To promote the use of fireworks in public celebrations.	☐	B. To restrict the import of petroleum products.
	☐	C. To regulate the safety standards for the manufacture and storage of explosives.	☐	D. To encourage the use of explosives in construction without restrictions
59	What is the primary objective of the OISD guidelines?			
	☐	A. To set financial regulations for the oil industry	☐	B. To manage employee benefits in the oil industry
	☐	C. To ensure safety and risk management in the oil and gas sector	☐	D. To oversee marketing strategies of oil companies
60	What is the primary purpose of the Boilers Act of 1923?			
	☐	A. To regulate the financial management of boiler operations	☐	B. To outline marketing strategies for boiler manufacturers
	☐	C. To ensure the safety of boilers and pressure vessels	☐	D. To manage the disposal of boiler waste

SSD/VSQ/N0104: Plan, Organize and Emergency protocols

A. Practical questions **Total Marks:50**

Develop emergency response plan In the event of a major equipment failure or environmental emergency (e.g., hazardous material spill),

Question: As the Safety Inspector, how would you Develop a comprehensive plan addressing the above mentioned aspects

B. Multiple choice questions (5*10=50 marks)

61	What is the primary goal of integrating safety measures into project schedules?			
	☐	A. To reduce project duration	☐	B. To ensure safety is prioritized and managed effectively
	☐	C. To increase project risks	☐	D. To ignore safety protocols

62	Which of the following is a common barrier to effective communication?			
	☐	A. Feedback loops	☐	B. Active listening
	☐	C. Language barriers	☐	D. Clear and concise messaging
63	What does "resource levelling" aim to achieve in project scheduling?			
	☐	A. Optimizing resource usage	☐	B. Increasing project costs
	☐	C. Delaying project completion	☐	D. Reducing project scope
64	How does resource allocation differ from resource provisioning in project management?			
	☐	A. Allocation focuses on identifying resource needs, while provisioning focuses on distributing resources.	☐	B. They are the same and can be used interchangeably.
	☐	C. Provisioning focuses on identifying resource needs, while allocation focuses on distributing resources.	☐	D. They both focus on identifying resource needs and distributing resources
65	Which of following is techniques for avoid resource overloading?			
	☐	A. Resource Levelling	☐	B. Linking Tasks
	☐	C. Prioritize Projects	☐	D. All of the above
66	What is the primary goal of briefing co-workers and subordinates?			
	☐	A. To increase task complexity	☐	B. To ensure they understand their roles and responsibilities
	☐	C. To minimize task completion	☐	D. To avoid task execution
67	Which of following is included in content of progress report?			
	☐	A. Introduction	☐	B. Work Completed
	☐	C. Work Scheduled	☐	D. All of the above
68	What to do in an emergency or accident?			
	☐	A. Assess using the 3 S's.	☐	B. Assist the emergency services
	☐	C. Both A & B	☐	D. None of the above

69	How often should fire drills be conducted to ensure employees are familiar with emergency procedures?			
	☐	A. Every year	☐	B. Only during office hours
	☐	C. Every decade	☐	D. Never
70	The statement mention in figure.(True/False) 			
	☐	A. True	☐	B. False

DGT/VSQ/N0102: Employability Skills

A. Practical questions **Total Marks:30**

Mention key points which you include in developing a Career Development plan.

B. Multiple choice questions (5*4 =20 marks)

71	What is the primary purpose of a business plan?			
	☐	A. To reduce customer satisfaction	☐	B. To increase company expenses
	☐	C. To hire more employees	☐	D. To outline goals and strategies for business success
72	What are the key element of ENTREPRENEURSHIP?			
	☐	A. Innovation	☐	B. Organizing skill
	☐	C. Risk-taking	☐	D. All of the above
73	What do you mean by CTC?			
	☐	A. Cost to Company	☐	B. Cost to customer
	☐	C. Both A & B	☐	D. None of the above
74	What is the difference between a job and a career?			
	☐	A. A job is temporary, while a career is long-term	☐	B. A job is part-time, while a career is full-time

	☐	C. A job is low-paying, while a career is high-paying	☐	D. A job is entry-level, while a career is advanced

Assessment Evidence Form

Trainee name: **Trainee roll number:**

Centre name/ Code Date:

This is to confirm that the trainee has handed over the final job to the assessor.

(For each task separate sheet can be used)

Assessor to affix photographs of the practical output (end product)

Trainee's signature:

_____

Trainee's name (please print):

_____

Assessor's signature:

_____

Assessor's name (please print):

_____

Centre Head's seal and signature:

_____

Assessment summary

Assessor's comments

……

……

……

This is to confirm that the trainee has undertaken the assessment for the job role of Basic Scaffold Inspector.

Trainee's signature: _____

Trainee's name (please print): _____

Assessor's signature: _____

Assessor's name (please print): _____

Centre Head's seal and signature: _____

Trainee's photo ID (other than the Institute ID): _____

Assessment completion date: _____

Assessment Summary Sheet

SAFETY SKILL DEVELOPMENT FOUNDATION
ASSESSMENT SUMMARY SHEET
Qualification Pack - Safety Inspector (OSHE)

Training Provider: **Affiliation No.**	**Batch ID:**	**Training Centre Name & Address:**
Candidate Detail:	**Roll No.:** **Name:**	**Roll No.:** **Name:**
Assessment Summary:		

NOS No.	Weightage of the NOS	Allotted (Marks)			Marks Obtained				Marks Obtained			
		Skill (Practical)	Knowledge		Skill (Practical)	Knowledge			Skill (Practical)	Knowledge		
			Theory	Project		Theory	Project	% per Nos		Theory	Project	% per Nos
SSD/VSQ/N0117	16%	50	50	0								
SSD/VSQ/N0118	16%	50	50	0								
SSD/VSQ/N0119	16%	50	50	0								
SSD/VSQ/N0120	16%	50	50	0								
SSD/VSQ/N0112	8%	50	50	0								
SSD/VSQ/N0109	12%	50	50	0								
SSD/VSQ/N0104	8%	50	50	0								
DGT/VSQ/N0102	8%	30	20	0								
Total Marks	**100**	**380**	**370**	**0**								
		750										
Minimum pass % to qualify	**50%**	50% of individual NOS and 50% overall as per NOS weightage			Pass/Fail							

Assessors Name:	**Signature:**
Assessing Body Representative Name:	**Signature:**
Assessment Agency:	**Signature:**