

Model Curriculum

QP Name:	**Waste Management Inspector (Construction and Demolition)**
QP Code:	**ICE/CON/Q1701**
Version:	**1.0**
NSQF Level:	**4.5**
Model Curriculum Version:	**1.0**

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Training Parameters

Sector	Construction		
Sub-Sector	Real Estate and Infrastructure Construction		
Occupation	Construction and Demolition Waste Management		
Country	India		
NSQF Level	4.5		
Aligned to NCO/ISCO/ISIC Code	NCO-2015/2143.0400		
Minimum Educational Qualification and Experience	**S. No.**	**Academic/Skill Qualification (with Specialization - if applicable)**	**Required Experience (with Specialization - if applicable)**
	1	Completed 1st year of 3-Years / 4- Years UG (in Civil Engineering or Environmental Engineering)	
	OR		
	2	Completed 3-Years Diploma after 10th (in Civil Engineering)	
	OR		
	3	Completed 1st year of 2-Years Diploma after 12th (in Civil Engineering)	
	OR		
	4	12th Grade Pass	1 Year of Relevant Industry Experience
	OR		
	5	10th Grade Pass	3 Years of Relevant Industry Experience
Pre-Requisite License or Training	Not Applicable		
Minimum Job Entry Age	As per Govt. Norms		
Last Reviewed On	TBD		
Next Review Date	TBD		
NSQC Approval Date	TBD		
QP Version	1.0		
Model Curriculum Creation Date	TBD		
Model Curriculum Valid Up to Date	TBD		
Model Curriculum Version	1.0		
Minimum Duration of the Course	450 Hours		
Maximum Duration of the Course	450 Hours		

Program Overview

This section summarises the end objectives of the program along with its duration.

Training Outcomes:

At the end of the program, the learner should have acquired the listed knowledge and skills to:

- Plan and execute end-to-end compliance inspections for construction and demolition waste activities.
- Inspect construction and demolition sites for adherence to approved waste management plans.
- Verify segregation, storage, handling, transport, and processing of C&D waste as per statutory norms.
- Assess environmental and safety risks arising from improper waste management practices.
- Record inspection observations using standardised documentation and digital tools.
- Collect and preserve legally valid evidence of non-compliance.
- Prepare structured inspection, compliance, and enforcement reports for authorities.
- Track waste movement from generation to authorised recycling or disposal facilities.
- Evaluate transport and processing records for accuracy and regulatory compliance.
- Enforce regulatory provisions through notices, corrective actions, and escalation mechanisms.
- Calculate and recommend environmental compensation for verified violations.
- Coordinate with Local Authorities, SPCBs, contractors, and service providers for compliance closure.
- Facilitate stakeholder awareness and behavioural change for improved waste management practices.
- Demonstrate professional ethics, impartiality, and accountability during inspection and enforcement activities.
- Apply workplace safety, environmental protection, and emergency preparedness practices during field operations.
- Utilise digital platforms and portals for reporting, record-keeping, and compliance monitoring.

Compulsory Modules:

The table lists the modules and their duration corresponding to the Compulsory NOS of the QP

NOS and Module Details	Theory Duration (in Hours)	Practical Duration (in Hours)	On-the-Job Training Duration (Mandatory) (in Hours)	On-the-Job Training Duration (Recommended) (in Hours)	Total Duration (in Hours)
ICE/CON/N1701: Conduct Site Inspection and Compliance Monitoring of C&D Waste Activities **NOS Version: 1.0** **NSQF Level: 4.5**	**20:00**	**55:00**	**15:00**	**00:00**	**90:00**
Module 1: Introduction to the Job Role – Waste Management Inspector (C&D)	05:00	00:00	00:00	00:00	05:00
Module 2: Structured Inspection Planning and Field Assessment	07:00	25:00	08:00	00:00	40:00
Module 3: Documentation Review, Reporting and Follow-Up	08:00	30:00	07:00	00:00	45:00
ICE/CON/N1702: Supervise Site Waste Segregation, Handling, Storage, Transport and Processing Compliance **NOS Version: 1.0** **NSQF Level: 4.5**	**30:00**	**45:00**	**15:00**	**00:00**	**90:00**
Module 4: Integrated Site Waste Segregation and Material Flow Control	15:00	20:00	05:00	00:00	40:00
Module 5: Waste Transport, Processing and Disposal Compliance Assurance	15:00	25:00	10:00	00:00	50:00
ICE/CON/N1703: Enforce Regulatory Compliance and Reporting in Construction and Demolition Waste Management **NOS Version: 1.0** **NSQF Level: 4.5**	**30:00**	**45:00**	**15:00**	**00:00**	**90:00**
Module 6: Regulatory Enforcement, Evidence Management and Penalty Processes	30:00	45:00	15:00	00:00	90:00

ICE/CON/N1704: Facilitate Stakeholder Awareness and Capacity Building NOS Version: 1.0 NSQF Level: 4.5	**30:00**	**45:00**	**15:00**	**00:00**	**90:00**
Module 7: Stakeholder Engagement, Awareness Campaigns and Behavioural Change	30:00	45:00	15:00	00:00	90:00
ICE/CON/N9901: Implement Safe Work Practices and Environmental Stewardship at Construction Sites NOS Version: 1.0 NSQF Level: 4	**10:00**	**20:00**	**00:00**	**00:00**	**30:00**
Module 8: Workplace Safety and Health Compliance	05:00	10:00	00:00	00:00	15:00
Module 9: Environmental Protection and Emergency Preparedness	05:00	10:00	00:00	00:00	15:00
DGT/VSQ/N0102: Employability Skills (60 Hours) NOS Version: 1.0 NSQF Level: 4	**60:00**	**00:00**	**00:00**	**00:00**	**60:00**
Module 10: Employability Skills	60:00	00:00	00:00	00:00	60:00
Total Duration	**180:00**	**210:00**	**60:00**	**00:00**	**450:00**

Module Details

Module 1: Introduction to the Job Role – Waste Management Inspector (C&D)

Mapped to ICE/CON/N1701, v1.0

Terminal Outcomes:

- Explain the purpose and scope of the Waste Management Inspector role within urban governance and construction ecosystems.
- Interpret the intent and structure of the Environment (Construction & Demolition) Waste Management Rules, 2025.
- Identify key stakeholders and their statutory responsibilities in C&D waste management.
- Describe professional ethics, accountability and legal liabilities associated with inspection and enforcement roles.
- Demonstrate awareness of career pathways and performance expectations for the occupation.

Duration: 05:00	**Duration: 00:00**
Theory – Key Learning Outcomes	**Practical – Key Learning Outcomes**
• Overview of C&D waste generation trends in India. • Environmental, public health and urban infrastructure impacts of improper C&D waste handling. • Regulatory framework governing C&D waste management in India. • Role of Local Authorities, SPCB, CPCB and Urban Local Bodies. • Positioning of Waste Management Inspector within enforcement and compliance structures. • Interface with contractors, producers, recyclers and transporters. • Ethical conduct, conflict of interest and transparency requirements. • Legal accountability, documentation integrity and evidence responsibility. • Overview of inspection, monitoring, enforcement and reporting lifecycle. • Introduction to digital tools and compliance portals used in C&D waste governance.	
Classroom Aids	
Training Kit - Trainer Guide, Presentations, Whiteboard, Marker, Projector, Laptop, Video Films	
Tools, Equipment and Other Requirements	
NA	

Module 2: Structured Inspection Planning and Field Assessment

Mapped to ICE/CON/N1701, v1.0

Terminal Outcomes:

- Plan and schedule C&D waste inspections based on legal mandate and site risk.
- Conduct systematic site inspections following safety and access protocols.
- Identify deviations from approved waste management practices.
- Record inspection findings using structured digital or manual tools.
- Engage with site personnel to verify understanding of compliance responsibilities.

Duration: 07:00	**Duration: 25:00**
Theory – Key Learning Outcomes	**Practical – Key Learning Outcomes**
• Interpret the legal scope, statutory powers, limitations and enforcement authority applicable to construction and demolition waste inspections as per applicable Acts, Rules and local bylaws. • Explain inspection planning and site preparation procedures, including document review, checklist development, inspection scheduling and coordination with site representatives. • Identify physical, chemical and operational hazards present in construction and demolition environments that may affect inspection safety and inspection quality. • Describe standard inspection sequencing, site walk-through methods and systematic observation techniques used during C&D waste inspections. • Recognize waste generation points, segregation areas, storage locations, handling practices and internal movement pathways of C&D waste at construction and demolition sites. • Differentiate visual, physical and environmental indicators of pollution arising from improper C&D waste handling, storage or disposal. • Explain structured interview techniques used to verify compliance, including questioning of site engineers, supervisors and waste handlers. • Describe the purpose, features and application of digital inspection tools, mobile applications, data capture formats and reporting templates used in C&D waste inspections. • Explain ethical requirements during inspections, including impartiality,	• Develop site-specific inspection plans by identifying inspection scope, applicable C&D waste rules, locations, resources and inspection timelines. • Conduct structured entry and exit briefings with site representatives by explaining inspection objectives, methodology, key findings, non-compliances and required corrective actions. • Inspect on-site segregation, temporary storage, handling and transportation arrangements of construction and demolition waste against approved waste management plans. • Identify visible environmental pollution, unsafe waste handling practices, spillages and occupational safety hazards related to C&D waste operations. • Record inspection findings using standardised digital or paper-based checklists by documenting locations, observations, quantities and compliance status. • Interview site engineers, supervisors and workers to verify awareness, implementation and effectiveness of prescribed waste management practices. • Capture geo-tagged photographic evidence of waste storage areas, non-compliances, unsafe practices and good practices for inspection records. • Classify inspection observations as compliant, partially compliant or non-compliant based on regulatory requirements and site waste

confidentiality, conflict-of-interest avoidance and professional conduct. • Describe inspector safety protocols, including use of PPE, safe movement within active sites, hazard communication and emergency response awareness.	management plans. • Follow inspection discipline by using prescribed PPE, adhering to site safety protocols and maintaining professional conduct during inspections. • Compile draft inspection observations by consolidating checklist data, interview responses, photographs and site notes into a structured inspection summary.
Classroom Aids	
Training Kit - Trainer Guide, Presentations, Whiteboard, Marker, Projector, Laptop, Video Films	
Tools, Equipment and Other Requirements	
Safety helmet (IS-compliant); High-visibility reflective jacket/vest; Safety shoes with steel toe; Protective gloves; Dust mask / respirator; Safety goggles; GPS-enabled mobile phone or tablet; Digital camera with date and location stamp; Measuring tape / laser distance meter; Site layout drawings and approved site plans; Approved Site Waste Management Plan (SWMP); Inspection checklists (printed or digital); Inspection logbook or field notebook; Pens, markers, clipboard; Pre-formatted observation and non-compliance formats; Hazard identification checklist; Site access and safety induction records; Mobile inspection application (where applicable); Internet connectivity for portal access; Official communication contact list; Power bank for mobile devices; First-aid kit; Emergency contact list; Site safety instructions and emergency response plan	

Module 3: Documentation Review, Reporting and Follow-Up

Mapped to ICE/CON/N1701, v1.0

Terminal Outcomes:

- Verify statutory registrations, approvals and waste records.
- Prepare structured inspection and compliance reports.
- Categorise compliance status accurately.
- Recommend corrective actions with timelines.
- Conduct follow-up inspections to verify closure.

Duration: 08:00	**Duration: 30:00**
Theory – Key Learning Outcomes	**Practical – Key Learning Outcomes**
• Identify mandatory documentation required under Construction & Demolition Waste Management Rules for different project categories. • Register establishments and submit compliance data using prescribed government portal-based systems. • Collect, label, store and retain inspection evidence in accordance with statutory evidence handling requirements. • Prepare inspection reports using approved formats for submission to designated regulatory authorities. • Classify inspected entities based on compliance and non-compliance categories as per regulatory guidelines. • Issue notices to violators following prescribed legal procedures and timelines. • Develop corrective action plans addressing identified gaps in C&D waste management practices. • Conduct follow-up inspections to verify implementation of corrective and preventive actions. • Communicate inspection findings and compliance status through authorized channels with concerned authorities. • Maintain audit trails and regulatory records in line with prescribed documentation and record-management requirements.	• Verify site waste generation, segregation, storage and disposal records by physically inspecting waste quantities, categories and on-site handling conditions. • Confirm registration and validity status of the construction and demolition waste management portal by checking approved credentials, licence numbers and expiry dates. • Examine contracts and agreements of authorised waste collection, transportation and processing service providers for scope, validity and regulatory compliance. • Prepare detailed inspection reports documenting site observations, deviations, compliance status and regulatory references. • Compile photographic evidence, weighment slips, manifests and supporting documents as annexures to substantiate inspection findings. • Record non-compliance observations by clearly identifying violations, applicable rules and risk severity. • Inform site management of required corrective actions with defined timelines and compliance expectations during post-inspection interactions. • Forward completed inspection reports and annexures to designated municipal, state or central competent authorities within stipulated timelines. • Monitor implementation and closure of corrective actions by reviewing submissions, evidence and compliance updates from the site.

	• Perform follow-up inspections to physically verify rectification of non-compliances and sustained compliance with waste management regulations.
Classroom Aids	
Training Kit - Trainer Guide, Presentations, Whiteboard, Marker, Projector, Laptop, Video Films	
Tools, Equipment and Other Requirements	
Safety helmet (IS-compliant); High-visibility reflective jacket/vest; Safety shoes with steel toe; Protective gloves; Dust mask / respirator; Safety goggles; GPS-enabled mobile phone or tablet; Digital camera with date and location stamp; Measuring tape / laser distance meter; Site layout drawings and approved site plans; Approved Site Waste Management Plan (SWMP); Inspection checklists (printed or digital); Inspection logbook or field notebook; Pens, markers, clipboard; Pre-formatted observation and non-compliance formats; Hazard identification checklist; Site access and safety induction records; Mobile inspection application (where applicable); Internet connectivity for portal access; Official communication contact list; Power bank for mobile devices; First-aid kit; Emergency contact list; Site safety instructions and emergency response plan	

Module 4: Integrated Site Waste Segregation and Material Flow Control

Mapped to ICE/CON/1702, v1.0

Terminal Outcomes:

- Enforce source-level segregation of C&D waste streams (concrete, soil, metals, wood, plastics, hazardous waste) in accordance with approved site waste management plans.
- Supervise waste handling operations to prevent secondary mixing, spillage or contamination during internal movement.
- Verify compliance of interim waste storage locations with site layout approvals, safety norms and environmental controls.
- Identify and document non-conformances related to segregation and storage, supported with photographic and checklist evidence.
- Recommend and communicate corrective measures to site teams to improve segregation efficiency and compliance outcomes.

Duration: 15:00	**Duration: 20:00**
Theory – Key Learning Outcomes	**Practical – Key Learning Outcomes**
• Identify approved categories of Construction & Demolition waste and the criteria for segregation and labelling of concrete, bricks, soil, metal, wood, plastics and gypsum at the point of generation. • Explain the purpose, specifications and placement requirements of colour-coded bins, skips and demarcated storage zones used for preventing cross-contamination of C&D waste. • Describe standard site procedures for monitoring waste handling, loading and internal transportation to prevent secondary mixing of segregated waste streams. • Explain interim waste storage requirements, including covering, bunding and stabilisation methods, for controlling dust, preventing runoff and minimising material loss. • Describe coordination requirements between waste management systems and site logistics, including alignment of storage locations, access routes and movement schedules with approved plans. • Identify common safety hazards associated with improper waste handling and storage, including risks of slips, cuts, structural collapse, fire and exposure to hazardous materials. • Explain environmental impacts and compliance risks resulting from non-segregation and improper storage of C&D	• Inspect waste generation points at work fronts, labour camps and material yards to confirm segregation of construction, demolition, recyclable, hazardous and inert waste at the source as per site waste management plan. • Check the placement, availability, capacity, colour-coding and condition of waste containers and designated storage areas to ensure compliance with prescribed segregation norms and signage requirements. • Identify instances of secondary mixing of segregated waste during collection, internal transportation, loading or temporary storage activities and record the locations and responsible work teams. • Verify segregation, labelling and isolation of hazardous, e-waste, chemical containers and special waste streams in accordance with statutory guidelines and site safety procedures. • Supervise waste handling activities to ensure workers use prescribed personal protective equipment (gloves, masks, boots, reflective jackets) and follow safe lifting and handling practices. • Assess interim waste storage locations by comparing physical site conditions

waste at construction sites. • Describe statutory reporting requirements and escalation procedures for violations related to waste segregation and storage. • Explain prescribed documentation formats, checklists and registers used for daily recording of waste segregation and storage activities. • Identify defined roles and responsibilities of waste generators, contractors, supervisors and inspectors in ensuring accountability for segregation and storage practices. • Interpret applicable provisions of the Environment (Construction and Demolition) Waste Management Rules, 2025 related to on-site waste segregation, storage and compliance obligations.	with approved site layout drawings, access routes and buffer requirements to prevent obstruction, spillage or environmental contamination. • Record segregation and storage compliance by completing inspection checklists, tagging non-conforming areas and capturing geo-tagged photographs as documentary evidence. • Communicate segregation and storage non-compliance issues to site supervisors and contractors and issue clear corrective instructions with defined timelines for rectification. • Monitor waste segregation practices across multiple work zones, subcontractor areas and shift operations to ensure consistent implementation throughout the project duration. • Prepare daily and weekly segregation and storage compliance logs summarizing inspection findings, non-conformities, corrective actions taken and follow-up status for reporting to project management..
Classroom Aids	
Training Kit - Trainer Guide, Presentations, Whiteboard, Marker, Projector, Laptop, Video Films	
Tools, Equipment and Other Requirements	
Colour-coded bins, skips, storage bays; Approved Site Waste Management Plan; PPE (helmet, gloves, safety shoes, dust mask); Inspection checklists and logbooks; Mobile device/tablet for geo-tagged photographs; Site layout and storage demarcation drawings	

Module 5: Waste Transport, Processing and Disposal Compliance Assurance

Mapped to ICE/CON/N1702, v1.0

Terminal Outcomes:

- Verify that C&D waste is transported only through authorised vehicles and operators.
- Monitor compliance of waste transport practices with coverage, routing and safety norms.
- Confirm delivery of waste to authorised processing or recycling facilities.
- Validate processing records and recycling outputs against transport and weighbridge data.
- Report and escalate unauthorised transport, processing or disposal incidents..

Duration: 15:00	**Duration: 25:00**
Theory – Key Learning Outcomes	**Practical – Key Learning Outcomes**
• Interpret statutory transport requirements for construction and demolition waste under applicable rules and regulations. • Explain vehicle containment and covering norms required to prevent spillage and dust emissions during C&D waste transportation. • Describe permit, registration and authorisation requirements applicable to C&D waste transporters. • Explain the functioning and operational importance of weighbridges and ticketing systems in C&D waste movement. • Identify approved construction and demolition waste processing and recycling technologies. • Explain quality standards applicable to recycled aggregates and recovered materials from C&D waste. • Describe disposal norms for residual and non-recyclable fractions of C&D waste. • Explain the documentation flow and record-keeping requirements from waste generation site to processing or disposal facility. • Analyse environmental and legal risks associated with unauthorised dumping of construction and demolition waste. • Explain reporting and compliance obligations related to C&D waste transport, processing and disposal activities.	• Inspect construction and demolition waste transport vehicles to confirm use of approved coverings, leak-proof containment systems, load securing methods, display of identification details and compliance with prescribed safety and pollution-control norms. • Verify waste transporter authorisations, vehicle registrations, GPS requirements and permit validity by checking approvals issued by competent authorities and matching them with vehicle and operator details on site. • Examine waste transport logs, route plans, trip sheets and movement schedules to ensure alignment with approved routes, authorised destinations, frequency of trips and time records. • Cross-check weighbridge tickets, challans and dispatch records against declared waste quantities, vehicle capacity and site-level waste generation data to confirm accuracy and prevent under- or over-reporting. • Track the movement of waste from the point of generation to authorised collection, processing, recycling or disposal facilities using transport records, GPS data (where applicable) and receipt acknowledgements. • Inspect authorised waste processing, recycling or disposal facilities to assess validity of approvals, operational practices, capacity utilisation, segregation methods,

	environmental safeguards and compliance with regulatory conditions. • Verify processing and recycling volumes by comparing facility intake registers, output records and monthly returns with received waste manifests and transport documentation. • Identify inconsistencies, omissions or falsification in transport, weighment or processing documents through systematic comparison of site records, transporter logs and facility registers. • Document instances of non-compliance by collecting photographic evidence, copies of records, inspection notes and witness observations in accordance with inspection and reporting protocols. • Prepare structured transport and processing compliance reports by compiling inspection findings, evidence, deviations, corrective actions and statutory formats for submission to regulatory and municipal authorities.
Classroom Aids	
Training Kit - Trainer Guide, Presentations, Whiteboard, Marker, Projector, Laptop, Video Films	
Tools, Equipment and Other Requirements	
Transport permits and vehicle registration documents; Weighbridge slips and transport logs; GPS-enabled mobile devices; PPE; Processing facility authorisation certificates; Compliance reporting formats	

Module 6: Regulatory Enforcement, Evidence Management and Penalty Processes

Mapped to ICE/CON/N1703, v1.0

Terminal Outcomes:

- Exercise statutory enforcement powers to address non-compliance in C&D waste management activities.
- Collect, document and preserve legally admissible evidence of violations.
- Issue enforcement notices and initiate regulatory actions as per prescribed procedures.
- Facilitate environmental compensation and penalty processes based on verified non-compliance.
- Prepare and submit enforcement and compliance reports to competent authorities.
- Coordinate enforcement actions with regulatory bodies, legal teams and other stakeholders.

Duration: 30:00	**Duration: 45:00**
Theory – Key Learning Outcomes	**Practical – Key Learning Outcomes**
• Interpret enforcement provisions and penalty clauses under the Environment (C&D) Waste Management Rules, 2025. • Identify jurisdictional limits and statutory authority applicable to enforcement actions. • Explain procedural requirements for issuing show-cause, cessation and penalty notices. • Describe obligations and liabilities of waste generators, producers, contractors and authorised agencies. • Recognise types of non-compliance that trigger enforcement and compensation mechanisms. • Explain evidentiary standards for photographic, digital and GPS-based records. • Describe chain-of-custody principles for preservation of enforcement evidence. • Explain environmental compensation frameworks and calculation logic. • Identify reporting formats and timelines prescribed by regulatory authorities. • Describe inter-agency coordination mechanisms for enforcement and escalation. • Explain legal and administrative escalation pathways for repeated or serious violations. • Recognise record retention, audit and transparency requirements for enforcement cases.	• Inspect sites to verify violations of statutory C&D waste management requirements. • Document non-compliance using geo-tagged photographs, videos and inspection records. • Record time, location, responsible parties and site conditions for each violation. • Secure enforcement evidence in compliance with chain-of-custody protocols. • Prepare legally compliant enforcement notices based on verified evidence. • Issue notices through approved delivery channels within prescribed timelines. • Explain enforcement actions and statutory obligations to regulated entities. • Assess environmental compensation amounts based on nature and severity of violations. • Compile compensation assessment reports with supporting documentation. • Track compliance responses and corrective action submissions. • Prepare enforcement and compliance reports for Local Authorities and SPCBs. • Submit enforcement data through designated electronic portals.

	• Coordinate with legal, administrative and enforcement agencies for case escalation. • Maintain enforcement records for audit, legal review and future reference.
Classroom Aids	
Training Kit - Trainer Guide, Presentations, Whiteboard, Marker, Projector, Laptop, Video Films	
Tools, Equipment and Other Requirements	
GPS-enabled mobile phone or tablet; Digital camera with time and location stamp; Inspection checklists and enforcement formats; Measuring tape and site layout drawings; PPE (helmet, gloves, safety shoes, high-visibility vest, dust mask); Enforcement notice templates (show-cause, stop-work, penalty); Environmental compensation calculation sheets; Chain-of-custody registers; Incident and violation reporting formats; Evidence storage folders (physical and digital); Access to C&D waste compliance portals; Laptop or desktop computer; Printer and scanner; Secure document management system; Email and official communication channels; Environment (C&D) Waste Management Rules, 2025; State/Local enforcement SOPs; CPCB/SPCB enforcement guidelines; Approved reporting formats and timelines	

Module 7: Stakeholder Engagement, Awareness Campaigns and Behavioural Change

Mapped to ICE/CON/N1704, v1.0

Terminal Outcomes:

- Identify and prioritise stakeholders requiring awareness and capacity building in C&D waste management.
- Plan and organise awareness campaigns and training interventions aligned with regulatory objectives.
- Develop and customise training and communication materials for diverse stakeholder groups.
- Deliver awareness and capacity-building sessions using appropriate facilitation methods.
- Assess learning outcomes and behavioural changes resulting from awareness interventions.
- Report capacity-building outcomes and plan follow-up actions to reinforce compliance.

Duration: 30:00	**Duration: 45:00**
Theory – Key Learning Outcomes	**Practical – Key Learning Outcomes**
• Identify stakeholder categories involved in C&D waste generation, handling and regulation. • Explain statutory responsibilities of producers, contractors, recyclers and local authorities. • Describe common knowledge and practice gaps leading to non-compliance. • Explain principles of adult learning relevant to field-level capacity building. • Describe methods for conducting stakeholder training needs assessments. • Explain communication strategies suitable for technical and non-technical audiences. • Identify key compliance messages related to segregation, storage, transport and reporting. • Describe structure and content of effective awareness materials and training modules. • Explain behavioural change communication approaches applicable to environmental compliance. • Describe methods for evaluating learning outcomes and behavioural improvements. • Explain safety and ethical considerations during on-site and community-based training. • Identify reporting requirements for	• Map stakeholders based on role, influence and compliance responsibility. • Assess stakeholder knowledge and practice gaps using surveys, interviews or observations. • Prioritise training topics based on regulatory risk and stakeholder needs. • Plan awareness campaigns with defined objectives, timelines and resources. • Develop training materials such as presentations, posters, guides and handouts. • Customise content to local language, literacy level and site context. • Conduct awareness sessions using lectures, demonstrations and group discussions. • Demonstrate compliant waste segregation, documentation and reporting procedures during training. • Engage participants through interactive communication and feedback mechanisms. • Adapt facilitation techniques to address resistance, language barriers or low awareness levels. • Evaluate participant learning using quizzes, checklists or post-training observation. • Document attendance, feedback and learning outcomes of training sessions. • Report results of awareness activities to supervisors or authorities. • Plan follow-up or refresher sessions to reinforce compliance and behavioural

documenting awareness and capacity-building activities.	change.
Classroom Aids	
Training Kit - Trainer Guide, Presentations, Whiteboard, Marker, Projector, Laptop, Video Films	
Tools, Equipment and Other Requirements	
Laptop or tablet; LCD projector or large display screen; Portable speaker or public-address system; Flip charts, whiteboards, markers; Printed posters, banners and standees; PowerPoint presentations; Handouts, guides and SOP leaflets; Visual aids on waste segregation and compliance; Case studies and site-specific examples; Local language training materials; Training attendance registers; Pre- and post-training questionnaires; Feedback forms and evaluation checklists; Observation sheets for post-training practice; Mobile phone or tablet for photo documentation; Computer for report preparation; Access to compliance and reporting portals; Email and official communication tools; PPE for site-based training sessions; First-aid kit; Venue arrangements (training room or site area); Safety signage and instructions	

Module 8: Workplace Safety and Health Compliance

Mapped to ICE/CON/N9901, v1.0

Terminal Outcomes:

- Explain workplace hazards and safety measures in construction.
- Demonstrate the use of personal protective equipment (PPE) and emergency response procedures.

Duration: 05:00	**Duration: 10:00**
Theory – Key Learning Outcomes	**Practical – Key Learning Outcomes**
• Explain the importance of Safety, Health and Environment (SHE) guidelines in maintaining a safe workplace. • Describe how company policies help in ensuring safety and compliance on construction sites. • Explain the correct procedure for reporting safety incidents or workplace hazards. • Describe the reporting structure for safety concerns within a construction site. • Identify the key personnel responsible for workplace safety, such as the safety officer and site engineer. • Explain the roles and responsibilities of the safety officer in maintaining site safety. • List different types of construction hazards, including chemical, physical and ergonomic risks. • Describe the potential impact of construction hazards on workers' health and safety. • Discuss the correct use of personal protective equipment (PPE) such as helmets, gloves, safety boots and harnesses. • Explain how to properly maintain PPE to ensure its effectiveness and durability.	• Show the process to identify common construction site hazards, including falling objects, slippery surfaces and electrical risks. • Demonstrate the process of evaluating potential risks associated with workplace hazards. • Show how to report identified hazards to a supervisor or safety officer using the correct reporting procedures. • Demonstrate the proper use and maintenance of personal protective equipment (PPE), including helmets, gloves, safety boots and harnesses. • Show the ability to follow safety signage and barricading instructions to avoid restricted or hazardous areas. • Demonstrate safe lifting techniques and the proper use of lifting tools to minimize strain and prevent injuries. • Demonstrate proper personal hygiene practices, including the use of clean drinking water and designated rest areas. • Show how to recognize and report health symptoms such as respiratory issues or heatstroke to the designated authority. • Demonstrate safe handling and disposal procedures for hazardous materials such as asbestos and chemicals to ensure workplace safety.
Classroom Aids	
Training Kit - Trainer Guide, Presentations, Whiteboard, Marker, Projector, Laptop, Video Films	
Tools, Equipment and Other Requirements	
Safety helmets, gloves, safety boots, safety harnesses, high-visibility vests, safety goggles, ear protection, dust masks, fire extinguishers, first aid kits, emergency response charts, barricading tape, safety cones, hazard signage, lifting belts, lifting tools such as pulleys and ropes, spill control kits, asbestos handling kits, chemical-resistant gloves, chemical spill absorbents, lockout/tagout (LOTO) kits, electrical insulating mats, hand wash stations and waste disposal bins for hazardous materials.	

Module 9: Environmental Protection and Emergency Preparedness

Mapped to ICE/CON/N9901, v1.0

Terminal Outcomes:

- Describe sustainable construction practices and waste management techniques.
- Explain emergency preparedness measures for fire, chemical spills and natural disasters.

Duration: 05:00	**Duration: 10:00**
Theory – Key Learning Outcomes	**Practical – Key Learning Outcomes**
• Explain the importance of first aid in construction site safety. • Describe basic first aid procedures for common workplace injuries such as cuts, burns and fractures. • Identify the steps to take in case of a fire emergency. • Explain how to use fire extinguishers and other firefighting equipment. • Describe the role of emergency response teams in handling accidents and fires. • Explain the importance of environmental regulations in construction work. • Describe dust control measures used to minimize air pollution on construction sites. • Discuss proper waste disposal techniques for hazardous and non-hazardous materials. • Identify water conservation methods used in construction activities. • Explain the impact of poor environmental practices on health and safety. • Describe the correct procedures for handling and using construction tools safely. • List the common hand tools and power tools used in interior finishing work. • Explain the risks associated with improper use of construction equipment. • Describe safety precautions to follow while using hand tools and power tools. • Discuss the importance of regular maintenance and inspection of tools to prevent accidents.	• Demonstrate the correct way to prevent spills of construction materials and chemicals. • Show how to properly segregate biodegradable and non-biodegradable waste for recycling and disposal. • Demonstrate water conservation practices while performing construction activities. • Show how to follow energy-saving protocols at a construction site. • Identify emergency alarms and evacuation routes at a construction site. • Demonstrate the correct use of firefighting equipment, such as fire extinguishers and sand buckets. • Show how to assist in basic first aid procedures for minor injuries. • Demonstrate the correct method for performing CPR in an emergency.
Classroom Aids	
Training Kit - Trainer Guide, Presentations, Whiteboard, Marker, Projector, Laptop, Video Films	
Tools, Equipment and Other Requirements	
First aid kits, gloves, fire extinguishers (ABC, CO_2, foam), sand buckets, fire blankets, emergency alarm systems, evacuation maps, color-coded waste bins, spill control kits, dust suppression tools such as water sprayers and dust nets, hand tools ,power tools	

Module 10: Employability Skills

Mapped to DGT/VSQ/N0102, v1.0

Duration (in hours): 60:00

Key Learning Outcomes

After completing this programme, participants will be able to:

Introduction to Employability Skills :

1. Discuss the Employability Skills required for jobs in various industries.
2. List different learning and employability-related GOI and private portals and their usage.

Constitutional values - Citizenship :

3. Explain the constitutional values, including civic rights and duties, citizenship, responsibility towards society and personal values and ethics such as honesty, integrity, caring and respecting others that are required to become a responsible citizen.
4. Show how to practice different environmentally sustainable practices.

Becoming a Professional in the 21st Century :

5. Discuss the importance of relevant 21st-century skills.
6. Exhibit 21st-century skills like Self-Awareness, Behavior Skills, time management, critical and adaptive thinking, problem-solving, creative thinking, social and cultural awareness, emotional awareness, learning to learn etc. in personal or professional life.
7. Elucidate the appropriate code of conduct.

Basic English Skills :

8. Show how to use basic English sentences for everyday conversation in different contexts, in person and over the telephone.
9. Read and interpret text written in basic English.
10. Write a short note/paragraph / letter/e -mail using basic English.

Career Development & Goal Setting :

11. Discuss the difference between job and career.
12. Create a career development plan with well-defined short- and long-term goals.

Communication Skills :

13. Elucidate the importance of communication and professional communication.
14. Explain the importance of following verbal and non-verbal communication etiquette in various settings.
15. Elucidate the process of interacting with reporting superiors regarding job order, work output requirements, targets, performance indicators and incentives.
16. Discuss how effective coordination ensures the timely completion of tasks in accordance with quality standards.
17. Describe the steps involved in ensuring the timely resolution of problems, complaints and delays through coordination with relevant personnel and superiors.
18. Determine the role of active communication and respect in achieving a smooth workflow and resolving work standards and quality-related concerns with personnel and superiors.
19. Explain the significance of maintaining appropriate documentation concerning completed work schedules as per organizational requirements.
20. Elucidate the importance of prioritizing teamwork and supporting team members in achieving shared goals.

Diversity & Inclusion :

21. Describe the recommended practices for preventing sexual harassment, physical and verbal abuse and the objectification of women in the workplace.
22. Discuss the appropriate safety precautions to follow while utilizing transportation facilities and during night trips, particularly concerning women's safety.
23. Elucidate the process for escalating issues related to abuse and sexual harassment in the

workplace according to the POSH Act and organizational procedures.

24. Determine how to effectively educate co-workers on women's rights and the importance of showing respect to all genders, including persons with disabilities.

Financial and Legal Literacy :

25. Outline the importance of selecting the right financial institution, product and service.
26. Overview how to carry out offline and online financial transactions, safely and securely.
27. List the common components of salary and compute income, expenditure, taxes, investments etc.
28. Discuss the legal rights, laws and aids.
29. Elucidate the purchase, inspection, indenting and recordkeeping procedure for stores.

Essential Digital Skills :

30. Describe the role of digital technology in today's life.
31. Overview how to operate digital devices and use the associated applications and features, safely and securely.
32. Discuss the significance of displaying responsible online behaviour while browsing, using various social media platforms, e-mails, etc., safely and securely.
33. Create sample word documents, excel sheets and presentations using basic features.
34. utilize virtual collaboration tools to work effectively.

Entrepreneurship :

35. Explain the types of entrepreneurships and enterprises.
36. Discuss how to identify opportunities for potential business, sources of funding and associated financial and legal risks with its mitigation plan.
37. Describe the 4Ps of Marketing-Product, Price, Place and Promotion and apply them as per requirement.
38. Create a sample business plan, for the selected business opportunity.
39. Describe the best practices for leading teams.
40. Explain the 5S Standards and their implementation for organize the workplace and create a productive work environment.
41. Explain how to manage clients, contractors, subordinates and labourers.

Customer Service :

42. Explain the importance of implementing appropriate hygiene, grooming standards and professional dress code at work to cater to different types of customers.
43. Elucidate the significance of practicing and encouraging active listening for effective communication with both customers and co-workers.
44. Discuss the methods used to ensure effective probing of customers to identify their needs and expectations.
45. Describe the strategies for maintaining effective communication with customers, keeping them informed regarding any issues and developments involving them.
46. Determine the steps involved in identifying and addressing customer dissatisfaction and complaints promptly and effectively.
47. Explain the importance of being fair and firm with staff to achieve work objectives and describe leave and attendance management.
48. Explain the importance of upskilling self and staff for continuous improvement.

Getting Ready for apprenticeship & Jobs :

49. Create a professional Curriculum Vitae (CV)
50. Use various offline and online job search sources such as employment exchanges, recruitment agencies and job portals respectively.
51. Discuss the significance of maintaining hygiene and confidence during an interview.
52. Elucidate how to give a personal introduction and present oneself.
53. Perform a mock interview.
54. List the steps for searching and registering for apprenticeship opportunities.

On-the-Job Training

Mapped to Waste Management Inspector (Construction and Demolition), v 1.0

All the On-the-Job Training Program must be conducted only at On-Site of relevant Industry. The details mentioned below are NOS wise Terminal Outcomes of OJT Period.

ICE/CON/N1701	**Conduct Site Inspection and Compliance Monitoring of C&D Waste Activities**
Mandatory OJT duration (in Hours)	**15:00**
Terminal Outcomes:	
During the OJT period, the candidate will be able to: • Plan site-specific inspection schedules by reviewing approved Site Waste Management Plans (SWMP), construction stages, and regulatory inspection mandates. • Conduct structured site inspections by following entry protocols, safety induction procedures, and inspection checklists. • Inspect waste generation points to identify compliance with approved segregation, handling, and temporary storage practices. • Identify deviations from prescribed C&D waste management rules through physical observation and site walkthroughs. • Record inspection findings accurately using prescribed digital or manual inspection formats. • Interview site engineers, supervisors, and waste handlers to verify awareness and implementation of waste management responsibilities. • Capture geo-tagged photographic evidence of compliant and non-compliant waste management practices. • Classify inspection observations as compliant, partially compliant, or non-compliant based on regulatory provisions. • Compile preliminary inspection summaries consolidating observations, evidence, and compliance status.	
ICE/CON/N1702	**Supervise Site Waste Segregation, Handling, Storage, Transport and Processing Compliance**
Mandatory OJT duration (in Hours)	**15:00**
Terminal Outcomes:	
During the OJT period, the candidate will be able to: • Verify source-level segregation of construction, demolition, recyclable, inert, and hazardous waste at generation points. • Supervise internal movement and handling of segregated waste to prevent secondary mixing and spillage. • Inspect interim waste storage areas for compliance with layout approvals, covering, dust control, and safety norms. • Check availability, placement, and condition of colour-coded bins, skips, and signage at site locations. • Monitor loading and dispatch of waste to ensure only segregated waste is transported. • Inspect waste transport vehicles for covering, containment, load securing, and safety	

compliance. • Verify transporter authorisations, vehicle permits, and destination facility approvals. • Cross-check weighbridge slips and transport manifests against dispatched waste quantities. • Track waste movement from site to authorised recycling, processing, or disposal facilities.	
ICE/CON/N1703	**Enforce Regulatory Compliance and Reporting in Construction and Demolition Waste Management**
Mandatory OJT duration (in Hours)	**15:00**
Terminal Outcomes:	
During the OJT period, the candidate will be able to: • Identify statutory violations related to segregation, storage, transport, processing, or disposal of C&D waste. • Collect legally admissible evidence using geo-tagged photographs, inspection notes, and supporting documents. • Document violations by recording time, location, responsible parties, and nature of non-compliance. • Preserve inspection and enforcement evidence by following prescribed chain-of-custody procedures. • Prepare draft show-cause or non-compliance notices in accordance with applicable rules and formats. • Assist in calculating environmental compensation based on severity and extent of violations. • Compile enforcement case files with evidence, regulatory references, and inspection findings. • Submit enforcement and compliance reports to Local Authorities, SPCBs, or designated portals. • Track corrective action responses and compliance status of inspected entities.	
ICE/CON/N1704	**Facilitate Stakeholder Awareness and Capacity Building**
Mandatory OJT duration (in Hours)	**15:00**
Terminal Outcomes:	
During the OJT period, the candidate will be able to: • Identify key stakeholder groups including contractors, engineers, supervisors, transporters, and workers requiring awareness. • Assess stakeholder knowledge gaps related to segregation, documentation, and compliance responsibilities. • Plan site-level awareness or toolbox sessions aligned with regulatory requirements. • Prepare simple awareness materials such as posters, checklists, and presentations on C&D waste compliance. • Deliver awareness sessions demonstrating correct segregation, storage, and documentation practices. • Demonstrate compliant waste handling and reporting procedures during on-site interactions. • Engage stakeholders through interactive discussions and feedback mechanisms. • Evaluate effectiveness of awareness activities through observation and basic questioning. • Document attendance, key discussion points, and outcomes of capacity-building activities.	

Annexures

Trainer Requirements

Minimum Educational Qualification	Specialization	Relevant Industry Experience		Preferable Training Experience	
		Years	Specialization	Years	Specialization
Post Graduation	Civil Engineering / Environmental Engineering	2	C & D Waste Management or Site Execution (Civil Work)	1	C & D Waste Management or Site Execution (Civil Work)
OR					
Graduation	Civil Engineering / Environmental Engineering	4	C & D Waste Management or Site Execution (Civil Work)	1	C & D Waste Management or Site Execution (Civil Work)
OR					
Diploma	Civil Engineering / Environmental Engineering	6	C & D Waste Management or Site Execution (Civil Work)	1	C & D Waste Management or Site Execution (Civil Work)

Trainer Certification	
Domain Certification	**Platform Certification**
Recommended that the Trainer is certified for the Job Role: *"Waste Management Inspector (Construction and Demolition)"*, mapped to the Qualification Pack: "ICE/CON/Q1701, v1.0". The minimum accepted score is 80%.	Recommended that the Trainer is certified for the Job Role: *"Trainer (VET and skills)"*, mapped to the Qualification Pack: "MEP/Q2601, v3.0". The minimum accepted score is 80%.

Assessor Requirements

Minimum Educational Qualification	Specialization	Relevant Industry Experience		Preferable Training/Assessment Experience	
		Years	Specialization	Years	Specialization
Post Graduation	Civil Engineering / Environmental Engineering	2	C & D Waste Management or Site Execution (Civil Work)	1	C & D Waste Management or Site Execution (Civil Work)
OR					
Graduation	Civil Engineering / Environmental Engineering	4	C & D Waste Management or Site Execution (Civil Work)	1	C & D Waste Management or Site Execution (Civil Work)
OR					
Diploma	Civil Engineering / Environmental Engineering	6	C & D Waste Management or Site Execution (Civil Work)	1	C & D Waste Management or Site Execution (Civil Work)

Assessor Certification	
Domain Certification	**Platform Certification**
Recommended that the Assessor is certified for the Job Role: *"Waste Management Inspector (Construction and Demolition)"*, mapped to the Qualification Pack: "ICE/CON/Q1701, v1.0". The minimum accepted score is 80%.	Recommended that the Assessor is certified for the Job Role: *"Assessor (VET and skills)"*, mapped to the Qualification Pack: "MEP/Q2701, v3.0". The minimum accepted score is 80%.

Assessment Strategy

This section includes the processes involved in identifying, gathering and interpreting information to evaluate the Candidate on the required competencies of the program.

1. **Assessment System Overview:**

   Assessment is done through ICES affiliated Assessment Agencies. Assessors are trained & certified by ICES after Training of Assessor (ToA) program. Assessments are conducted to gauge and assess the trainee's skill and knowledge competency in the specified areas.

   The assessment will have both theory, practical and viva components as per ratio specified in each NOS for **"Waste Management Inspector (Construction and Demolition)** job role.

   During the practical task, trainees are assessed on their workmanship, quality of finished product and time management. They will be graded for all their assessments based on the approved assessment strategy which is signed off by ICES. The Assessor submits an assessment plan to ICES prior to assessments.

   The assessment plan contains the following information:

   - What will be assessed, i.e. the competency based on each NOS based on theory, practical and viva questions
   - How assessment will occur i.e. methods of assessment
   - When the assessment will occur
   - Duration of assessment
   - Where the assessment will take place i.e. context of the assessment (workplace/simulation)
   - The criteria for decision making i.e. those aspects that will guide judgments
   - Where appropriate, any supplementary criteria are used to make a judgment on the level of performance.

   ICES will be monitoring thoroughly the complete Assessment process.

2. **Testing Environment:**

   - Training partner shares the batch start date and end date, number of trainees and the job role.
   - Assessment will be fixed for a day after the end date of training. It could be next day or later. Assessment will be conducted at the training venue/test center only.
   - The knowledge/theory assessments are conducted with proper seating arrangements with enough space between the candidates to prevent mal practicing.
   - Question set for Theory and Practical will be distributed to each candidate by the Assessor.
     - Theory testing will include MCQ type questions, pictorial questions etc. which will test the trainee on his theoretical knowledge of the subject.

- Practical assessments will be conducted in the approved test centers. The training provider will ensure adequate tools and materials are available to conduct the practical test.
- Viva Testing will be conducted during or post to the practical assessment by the assessor concerned. This Viva Assessment is applicable to understand the outcomes from OJT attended by the concerned candidate.

- One (1) Assessor is eligible to conduct assessments of a batch of maximum 30 candidates.
- The assessment must comprise of two components, namely:
  - Knowledge assessment (Theory and Viva assessment)
  - Skill assessment (Practical / Hands-on Skill assessment)

3. **Mode of assessment**
   - Demonstration/Practical Performance /Skill Assessment
   - Synoptic multiple-choice question test for Theory Assessment
   - Viva for Knowledge Assessment (Applicable to note the outcomes from OJT only)
4. **Performance/skill assessment:**
   - The performance/skill assessment will be conducted through demonstration/practical
   - For the practical test trainees are assessed through a given task, which they have to complete correctly for them to be marked as passed.
   - The assessment is 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.
5. **Knowledge Assessment:**
   - The knowledge assessments are conducted through Theory (written) Test and Viva Test
   - Synoptic test is used for this. It is an MCQ (Multiple Choice Question) test which is prepared externally and externally marked, meaning by agency having no link with training partners.
   - The Viva test will be conducted by the assessor in the oral mode considering the communication and domain understanding of skills of trainees.
   - The assessment strategy, weightage and duration of assessment for **"Waste Management Inspector (Construction and Demolition)** is summarized below

Assessment Type	Formative or Summative	Strategies	Weightage	Duration (hours)
Knowledge	Summative	MCQ	30	1 hour
Knowledge	Summative	Viva	10	1 hour
Skill	Summative	Structured practical Task	60	6 hours

6. **Assessment Quality Assurance levels/Framework**
    - ICES has developed assessment criteria framework for each Qualification pack as per National Occupational Standards. The criteria framework includes weightages/marks for each criterion under knowledge and skill. The criteria ensure quality assurance as they ensure valid, consistent and fair assessments at all locations. Issued to the affiliated Assessment body. The Assessment Body develops questions based on ICES's approved assessment criteria.
    - The training partner will intimate the time of arrival of the assessor and time of leaving the venue. Random spot checks/audit may be conducted by ICES to monitor assessment.
    - Continuous Monitoring through virtual and In-person mode are conducted to ensure the assessment is conducted as per stipulated process
    - Process and Technical audit of assessment batches by quality team are conducted to avoid errors in assessment process
    - A well -defined comprehensive framework of NON-COMPLIANCE MATRIX is defined and implemented to identify the non-compliance made by assessor and AA and punitive actions are taken correspondingly.
    - The capacity building sessions are conducted regularly for assessors and assessment agencies to update them about best practices in assessment
7. **Types of evidence or evidence-gathering protocol:**
    - Evidence in the form of answer sheets in case of knowledge assessments (Theory only) is collected.
    - For Practical and Viva assessments videos and photographs are prepared as evidence. These are submitted by the assessor to the assessment agency. ICES does random checks of the same with the participant/ trainee's ID and ascertains authenticity and validity of assessments.
    - Post Assessment, the evidence are uploaded by Assessor to assessment agency and further assessment agency to ICES as per stipulated TAT
    - Evidence are broadly photographic and video graphics in nature (Geo-Tagged)
    - Results along with evidence to be submitted to ICES by the concerning Assessment Agency in the prescribed format and on Digital Format and Physical Format (As required)
    - Results to be uploaded on SIDH and other relevant portals for collective data management.
8. **Method of verification or validation:**
    - The process and technical audit of assessment batches are done by Awarding Body
    - Attendance of each candidate is verified and it is ensured that only those candidates are assessed by assessors who are meeting the stipulated minimum percentage of attendance
    - The result of each candidate is verified; it is verified that that result on SIP is matched with respect to summary sheet submitted by AAs
    - Under detailed technical audit for sample batches, the knowledge and skill assessment results for each candidate are checked in technical aspect.
    - All the evidence of batches are preserved on server of Awarding Body digital platform

9. On the Job:

- On job training (OJT), candidates undergo training and leaning at actual workplace for a fixed period of time and a certain weightage of assessment is allocated out of total skill weightage of Qualification Pack for undergoing OJT as stipulated by ICES. This OJT score and assessors' end point score are combined to arrive at final Marking/grading of trainees' skill test. The OJT score is determined by Supervisor / Engineer / other authorized head of departments of relevant industry under which candidates undergo on job training.
- The Assessment is subject to take place only after submission of OJT data (in case of STT only) approved by concerned industry and training provider.
- The Hard copy of the OJT report (on trainings, outcomes, exposures learnt and feedback certified by Supervisor / Engineer / other authorized head of departments of relevant industry) will be submitted to the Assessor by the concerned candidate on the Assessment date only, failing which the candidate may not be allowed for attending the Assessment.
- As OJT is mandatory for this QP, the TP should ensure the correct submission of all relevant reports pertaining to OJT of each trained candidate. The Assessment agency is responsible for collecting all the relevant information and submit the same to ICES in future (if required).

References

Glossary

Term	Description
Sector	Sector is a conglomeration of different business operations having similar business and interests. It may also be defined as a distinct subset of the economy whose components share similar characteristics and interests.
Sub-sector	Sub-sector is derived from a further breakdown based on the characteristics and interests of its components.
Occupation	Occupation is a set of job roles, which perform similar/ related set of functions in an industry.
Job role	Job role defines a unique set of functions that together form a unique employment opportunity in an organisation.
Occupational Standards (OS)	OS specify the standards of performance an individual must achieve when carrying out a function in the workplace, together with the Knowledge and Understanding (KU) they need to meet that standard consistently. Occupational Standards are applicable both in the Indian and global contexts.
Performance Criteria (PC)	Performance Criteria (PC) are statements that together specify the standard of performance required when carrying out a task.
National Occupational Standards (NOS)	NOS are occupational standards which apply uniquely in the Indian context
Qualifications Pack (QP)	QP comprises the set of OS, together with the educational, training and other criteria required to perform a job role. A QP is assigned a unique qualifications pack code.
Unit Code	Unit code is a unique identifier for an Occupational Standard, which is denoted by an 'N'
Unit Title	Unit title gives a clear overall statement about what the incumbent should be able to do.
Description	Description gives a short summary of the unit content. This would be helpful to anyone searching on a database to verify that this is the appropriate OS they are looking for.
Scope	Scope is a set of statements specifying the range of variables that an individual may have to deal with in carrying out the function which have a critical impact on quality of performance required.
Knowledge and Understanding (KU)	Knowledge and Understanding (KU) are statements which together specify the technical, generic, professional and organisational specific knowledge that an individual needs in order to perform to the required standard.
Organisational Context	Organisational context includes the way the organisation is structured and how it operates, including the extent of operative knowledge managers have of their relevant areas of responsibility.
Technical Knowledge	Technical knowledge is the specific knowledge needed to accomplish specific designated responsibilities.
Core Skills/ Generic Skills (GS)	Core skills or Generic Skills (GS) are a group of skills that are the key to learning and working in today's world. These skills are typically needed in any work environment in today's world. These skills are typically needed in any work environment. In the

	context of the OS, these include communication related skills that are applicable to most job roles.
Electives	Electives are NOS/set of NOS that are identified by the sector as contributive to specialization in a job role. There may be multiple electives within a QP for each specialized job role. Trainees must select at least one elective for the successful completion of a QP with Electives.
Options	Options are NOS/set of NOS that are identified by the sector as additional skills. There may be multiple options within a QP. It is not mandatory to select any of the options to complete a QP with Options.

Acronyms and Abbreviations

Acronym	Description
NOS	National Occupational Standard(s)
NSQF	National Skills Qualification Framework
QP	Qualification Pack
TVET	Technical and Vocational Education and Training
MSDE	Ministry of Skill Development and Entrepreneurship
NCVET	National Council for Vocational Education and Training
NSDC	National Skill Development Corporation
ICES	Integrated Council for Entrepreneurship and Skilling (erstwhile Integrated Council for Entrepreneurship and Skilling)
AB	Awarding Body
AA	Assessment Agency
TP	Training Partner
TC	Training Centre
ITI	Industrial Training Institute
ISCO	International Standard Classification of Occupations
NCO	National Classification of Occupations
NCrF	National Credit Framework
NEP	New Education Policy
Q-File	Qualification File
MC	Model Curriculum
PC	Performance Criteria
KU	Knowledge and Understanding
GS	Generic Skills
PMKVY	Pradhan Mantri Kaushal Vikas Yojana
DDUGKY	Deen Dayal Upadhyaya Grameen Kaushalya Yojana
STT	Short Term Training
RPL	Recognition of Prior Learning
NAPS	National Apprenticeship Promotion Scheme
NQR	National Qualification Register
OJT	On the Job Training
NSQC	National Skill Qualification Committee
IS	Indian Standard
C&D	Construction and Demolition
SWMP	Site Waste Management Plan
SPCB	State Pollution Control Board

CPCB	Central Pollution Control Board
ULB	Urban Local Body
PPE	Personal Protective Equipment
SWM	Solid Waste Management