



Unit Specification for Regulated Qualifications

Unit title	Segregating the Area for Highways Works in the Workplace
Unit Level	2
Credit	12
Guided Learning Hours	65
SQA Unit code	HX66 66
Regulator Unit code	H/616/3690
Publication date	February 2018
Unit Owner and Reference	CITB 365v3
Version	1

Title:	Segregating the area for highways works in the workplace	
Level:	2	
Value for TQT:	120	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1 Interpret the given information relating to the work and resources when segregating the area for highways works.	1.1	Interpret and extract relevant information from drawings, specifications, schedules, risk assessments, method statements, site inspections and manufacturers' information.
	1.2	Comply with information and/or instructions derived from risk assessments and method statements.
	1.3	Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
	1.4	Describe different types of information, their source and how they are interpreted in relation to: <ul style="list-style-type: none"> – drawings, specifications, schedules, risk assessments, method statements, manufacturers' information, verbal, written and graphical instructions, electronic data, current regulations, current legislation, official guidance and Codes of Practice governing traffic management relating to the highways works.
2 Know how to comply with relevant legislation and official guidance when segregating the area for highways works.	2.1	Describe their responsibilities regarding potential accidents, health hazards and the environment, whilst working: <ul style="list-style-type: none"> – in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement and storage of materials by manual handling and mechanical lifting.
	2.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
	2.3	Explain what the accident reporting procedures are and who is responsible for making reports.
3 Maintain safe and healthy working practices when segregating the area for highways works.	3.1	Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with current legislation and organisational requirements when segregating the area for highways works.

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Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
3 continued	3.2 Demonstrate compliance with given information and relevant legislation when segregating the area for highways works in relation to the following: <ul style="list-style-type: none"> – safe use, storage and handling of materials, tools and equipment – specific risks to health – others affected by the work
	3.3 Explain why and when health and safety control equipment, identified by the principles of prevention, should be used, relating to segregating the area for highways works, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: <ul style="list-style-type: none"> – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE)
	3.4 Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.
	3.5 Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.
4 Select the required quantity and quality of resources for the methods of work to segregate the area for highways works.	4.1 Select resources associated with own work in relation to materials, components, fixings, tools and equipment.
	4.2 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: <ul style="list-style-type: none"> – signs, lights, guards and portable traffic signals – pedestrian and vehicular traffic control systems – hand tools, power tools and ancillary equipment.
	4.3 Describe how to confirm that the resources and materials conform to the specification.
	4.4 Describe how the resources should be used correctly and how problems associated with the resources are reported.

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4	continued	4.5	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
		4.6	Describe any potential hazards associated with the resources and methods of work.
		4.7	Describe how to identify by calculation, quantity, length, area and wastage associated with the method and procedure to segregate the area for highways works.
5	Minimise the risk of damage to the work and surrounding area when segregating the area for highways works.	5.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
		5.2	Maintain a clear and tidy work space.
		5.3	Dispose of waste in accordance with current legislation
		5.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.
		5.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.
6	Complete the work within the allocated time when segregating the area for highways works.	6.1	Demonstrate completion of the work within the allocated time.
		6.2	Describe the purpose of the work programme and explain why deadlines should be kept in relation to: <ul style="list-style-type: none"> – types of productivity targets and time scales – how times are estimated – organisational procedures for reporting circumstances which will affect the work programme.
7	Comply with the given contract information when segregating the area for highways works to the required specification.	7.1	Demonstrate the following work skills when segregating the area for highways works: <ul style="list-style-type: none"> – measuring, locating, setting out, positioning, assembling, maintaining and removing.
		7.2	Use and maintain hand tools and ancillary equipment.

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7 continued	7.3	Segregate the area for live highways works in compliance with recognised current legislation, official guidance and given working instructions, relating to the following: <ul style="list-style-type: none"> – access and egress to site – work activity and storage of resources – signs, cones, lighting and guarding, portable traffic signals for temporary traffic management control.
	7.4	Maintain and remove signs, lighting and guarding, portable traffic signals in compliance with recognised current legislation and official guidance.
	7.5	Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to: <ul style="list-style-type: none"> – plan and implement the agreed plan for site safety, access and egress, work activities and storage of resources and temporary traffic management control around the highways works – set out signs, cones, lights, portable traffic signals and guarding for temporary traffic management control – work around street furniture and ironwork – deal with others affected by the work – check and maintain operation of traffic control equipment – dismantle and remove signs, lights, cones, portable traffic signals and guarding for temporary traffic management control – return infrastructure to operational status – recognise and determine when specialist skills and knowledge are required and report accordingly – use hand tools, power tools and equipment.
	7.6	Describe the needs of other occupations and how to effectively communicate within a team when segregating the area for highways works.
	7.7	Describe how to maintain the hand tools, power tools, ancillary equipment and traffic control equipment used when segregating the area for highways works.

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Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.</p> <p>Workplace evidence of skills cannot be simulated.</p> <p>This unit must be assessed against the endorsements detailed within the relevant NVQ structure. Please refer to the NVQ structure applicable to the qualification/occupational area in which the candidate is being assessed.</p>
Sector Subject Areas	05.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	65