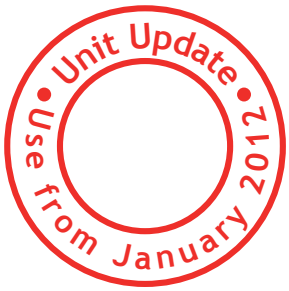

This version of this unit replaces all previously published versions with effect from January 2012. This unit should be used by all learners registering for qualifications that include it in their structure from this date.

Unit title:	**Co-ordinating and confirming dimensional control requirements of the work in the workplace**
Unit reference number:	D/503/2747
QCF level:	3
Credit value:	8
Guided learning hours:	27
Start date:	January 2012

Unit summary

The aim of this unit is to develop the skills, knowledge and understanding required to confirm competence in co-ordinating and confirming dimensional control requirements of the work in the workplace within the relevant sector of industry.

Assessment requirements/evidence requirements

This unit must be assessed in a work environment, in accordance with:

– the Additional Requirements for Qualifications using the title NVQ in QCF

– the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.

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.

Workplace evidence of skills cannot be simulated.

Assessment recording

This unit is assessed in the workplace. The table on the following pages shows the learning outcomes and the assessment criteria for this unit. The table includes space for learners to enter the types of evidence they are presenting for assessment and the submission date against each assessment criterion. Alternatively, centres can use their own documentation.

Learning outcomes and assessment criteria

Learning Outcome		Assessment Criterion		Evidence type	Portfolio reference	Date
1	Co-ordinate with and communicate accurate work information to work colleagues.	1.1	Source accurate dimensional work information to allow the work being carried out to be positioned, aligned and levelled.			
		1.2	Provide work colleagues with accurate dimensional work information to allow conformance with contract specifications.			
		1.3	Explain different methods of co-ordinating with work colleagues in order to enable them to position, align and level the work.			
		1.4	Explain the different methods of communicating dimensional information with work colleagues.			
2	Confirm and measure dimensional controls and maintain them to the specified work requirements.	2.1	Identify, establish and confirm a range of dimensional controls, setting out points, lines and profiles to meet contract specifications.			
		2.2	Maintain accurate dimensional controls, setting out points, lines and profile in accordance with contract specifications.			

Learning Outcome		Assessment Criterion		Evidence type	Portfolio reference	Date
		2.3	Explain the different methods of measuring the following dimensional controls and setting out points, lines and profiles: – lines – levels – angles – distances – curves – calibrations – tolerances.			
		2.4	Describe different methods of confirming and maintaining dimensional control, setting out points, lines and profiles.			
3	Check and adjust measuring and recording equipment to the specified accuracy.	3.1	Undertake checks and adjustments to a range of measuring and recording equipment relative to the occupational work environment or project type.			
		3.2	Explain the methods used to check mechanical, optical and electronic measuring and recording equipment applicable to the occupational area.			
		3.3	Describe how to apply manufacturers' tolerances to adjust equipment to maintain the specified accuracy.			

Learning Outcome		Assessment Criterion		Evidence type	Portfolio reference	Date
4	Identify any deviations in dimensional controls and ensure they are corrected in accordance with work requirements.	4.1	Locate and establish possible deviations in dimensional control on a range of work being undertaken.			
		4.2	Plan and implement corrective action that allows the work to meet project requirements.			
		4.3	Describe the methods used to identify deviations in positioning, aligning and levelling arising from: – transfer of lines and levels – use of wrong lines and levels.			
		4.4	Explain the different methods of correcting deviations in position, level and alignment to meet work requirements.			
5	Identify circumstances and conditions that require revision of work practices.	5.1	Investigate and establish ongoing work and compare to the contract specifications.			
		5.2	Explain how to identify circumstances and conditions associated with the following that may affect the work and require revisions to the work procedure/practice: – land – water – obstacles – climate variation – live conditions – utilities – health and safety.			

Learner name: _____ Date: _____

Learner signature: _____ Date: _____

Assessor signature: _____ Date: _____

Internal verifier signature: _____ Date: _____
(*if sampled*)