

Please read the instructions printed at the end of this form. **One** of these sheets, suitably completed, should be attached to the assessed work of **each** candidate.

Unit Title	Analysis at work	Unit Code	G621	Session	Jan / June	Year	2	0		
Centre Name					Centre Number					
Candidate Name					Candidate Number					

Evidence: The candidate needs to produce a portfolio related to information on organisations that use science to analyse processes.

Criteria			Teacher Comment	Mark	Page No.
AO1(a).1: Candidate will give a brief description of the energy policy of a non-domestic consumer of electricity; [0 1 2]	AO1(a).2: candidate will give selected information obtained from a non-domestic consumer of energy to give a description about their energy policy; [3 4]	AO1(a).3: candidate will give selected, relevant information obtained from a non-domestic consumer of energy, to give a detailed description of their energy policy and evaluate ways in which they limit their energy consumption. [5 6]			
AO1(b).1: Candidate will state what is meant by energy efficiency and state how the candidate's non-domestic consumer of energy has considered energy efficiency by <ul style="list-style-type: none">• carrying out processes or activities more efficiently• eliminating wasteful processes or activities• other means; [0 1 2]	AO1(b).2: candidate will state what is meant by energy efficiency and describe how energy efficiency has been considered by the candidate's chosen non-domestic consumer of energy by <ul style="list-style-type: none">• carrying out processes or activities more efficiently (include a definition of energy efficiency)• eliminating wasteful processes or activities• other means generally using accurate terminology and nomenclature; [3 4]	AO1(b).3: candidate will state what is meant by energy efficiency and explain how energy efficiency has been considered by the candidate's chosen non-domestic consumer of energy and evaluate the reduction of energy consumption by <ul style="list-style-type: none">• carrying out processes or activities more efficiently (relate this to efficiency)• eliminating wasteful processes or activities• other means using accurate terminology and nomenclature. [5 6]			
AO1(c).1: Candidate will state how their chosen organisation has considered the <ul style="list-style-type: none">• environmental impacts• cost savings of reducing energy consumption, generally using correct, spelling, punctuation and grammar; [0 1 2]	AO1(c).2: candidate will describe how their chosen organisation has considered the <ul style="list-style-type: none">• environmental impacts• cost savings of reducing energy consumption, generally using correct terminology, spelling, punctuation and grammar; [3 4 5]	AO1(c).3: candidate will describe in detail how their chosen organisation has considered the <ul style="list-style-type: none">• environmental impacts• cost savings of reducing energy consumption and relate it to the energy policy of the organisation, using accurate terminology, correct spelling, punctuation and grammar. [6 7]			

Criteria			Teacher Comment	Mark	Page No.
AO2(a).1: Candidate will show the forms of energy transfer involved in the generation of electricity; candidate will describe briefly large-scale and small-scale electrical generation from one chosen fuel or energy sources; [0 1]	AO2(a).2: candidate will describe and compare large-scale and small-scale electrical generation from two chosen fuel or energy sources; candidate will demonstrate good research skills and evidence of selection of material; [2 3]	AO2(a).3: candidate will describe and compare the relative benefits and problems of large-scale and small-scale electrical generation from two chosen fuel or energy sources; candidate will demonstrate independent research skills and evidence of selection of relevant material. [4 5]			
AO2(b).1: Candidate will display information on energy values and fuel/energy costs to include <ul style="list-style-type: none"> • one non-renewable • one renewable fuel/energy source used in the generation of electricity; candidate will show a number of straightforward calculations using the candidate's data, generally obtaining the correct solutions; [0 1]	AO2(b).2: candidate will research and display information on energy values and fuel/energy costs to include <ul style="list-style-type: none"> • one non-renewable • one renewable fuel/energy source used in the generation of electricity; candidate will show a number of complex and straightforward calculations using the data researched, generally obtaining the correct solutions; [2 3]	AO2(b).3: candidate will research and display information on energy values and fuel/energy costs to include a range of <ul style="list-style-type: none"> • non-renewable • renewable fuel/energy sources used in the generation of electricity; candidate will show a number of complex and straightforward calculations using the data researched, obtaining the correct solutions to an appropriate degree of accuracy. [4 5]			
AO3(a).1: Candidate will produce a report of a qualitative analysis they have carried out, linked to a vocational context in which risk assessments have been used; relevant observations have been made and results suitably processed, with some interpretation; [0 1 2 3]	AO3(a).2: candidate will produce a detailed report of a qualitative analysis they have carried out, linked to a vocational context in which risk assessments have been completed; relevant observations have been made and results accurately processed and interpreted; the information is presented clearly and logically; [4 5]	AO3(a).3: candidate will produce a detailed report of a qualitative analysis they have carried out, linked to a vocational context in which risk assessments have been produced with evidence equipment has been used safely and to the appropriate degree of accuracy; relevant observations have been made and results accurately processed and interpreted; the information is presented clearly, logically and has been evaluated. [6 7]			
AO3(b).1: Candidate will produce a report of a quantitative analysis they have carried out, linked to a vocational context in which risk assessments have been used; relevant observations have been made and results suitably processed, with some interpretation; [0 1 2 3]	AO3(b).2: candidate will produce a detailed report of a quantitative analysis they have carried out, linked to a vocational context in which risk assessments have been completed; relevant observations have been made and results processed and interpreted accurately; the information is presented clearly and logically; [4 5]	AO3(b).3: candidate will produce a detailed report of a quantitative analysis they have carried out, linked to a vocational context in which risk assessments have been produced, with evidence that equipment has been used safely and to the appropriate degree of accuracy; relevant observations have been made and results processed and interpreted accurately; the information is presented clearly and logically and has been evaluated. [6 7]			

Criteria			Teacher Comment	Mark	Page No.
AO3(c).1: Candidate will produce a report of a third investigation they have carried out, linked to a vocational context in which risk assessments have been used; relevant observations or measurements have been made and results suitably processed, with some interpretation; [0 1 2 3]	AO3(c).2: candidate will produce a detailed report of a third investigation they have carried out, linked to a vocational context in which risk assessments have been completed; relevant observations or measurements have been made and results accurately processed and interpreted; the candidate's information will be presented clearly and logically; [4 5]	AO3(c).3: candidate will produce a detailed report of a third investigation they have carried out, linked to a vocational context in which risk assessments have been produced with evidence equipment has been used safely and to the appropriate degree of accuracy; relevant observations or measurements have been made with the appropriate precision and results accurately processed and interpreted; the candidate's information will be presented clearly, logically and has been evaluated. [6 7]			
Total/50					
If this work is a re-sit, please tick	Session and Year of previous submission	Jan / June	2	0	Please tick to indicate this work has been standardised internally

Please note: This form may be updated on an annual basis. The current version of this form will be available on the OCR website (www.ocr.org.uk).
A completed Centre Authentication form CCS160 **must** accompany the MS1 when it is sent to the moderator.

Guidance on Completion of this Form

- 1 **One** sheet should be used for each candidate.
- 2 Please ensure that the appropriate boxes at the top of the form are completed.
- 3 Please enter *specific* page numbers where evidence can be found in the portfolio, and where possible, indicate to which part of the text in the mark band the evidence relates.
- 4 Circle the mark awarded for each strand of the marking criteria in the appropriate box and also enter the circled mark in the final column.
- 5 Add the marks for the strands together to give a total out of 50. Enter this total in the relevant box.