
Examiners' Report

NEBOSH INTERNATIONAL TECHNICAL CERTIFICATE IN OIL AND GAS OPERATIONAL SAFETY



UNIT IOG1: MANAGEMENT OF INTERNATIONAL OIL AND GAS OPERATIONAL SAFETY

SEPTEMBER 2017

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Introduction

NEBOSH (The National Examination Board in Occupational Safety and Health) was formed in 1979 as an independent examining board and awarding body with charitable status. We offer a comprehensive range of globally-recognised, vocationally-related qualifications designed to meet the health, safety, environmental and risk management needs of all places of work in both the private and public sectors.

Courses leading to NEBOSH qualifications attract around 50,000 candidates annually and are offered by over 600 course providers, with examinations taken in over 120 countries around the world. Our qualifications are recognised by the relevant professional membership bodies including the Institution of Occupational Safety and Health (IOSH) and the International Institute of Risk and Safety Management (IIRSM).

NEBOSH is an awarding body that applies best practice setting, assessment and marking and applies to Scottish Qualifications Authority (SQA) Accreditation regulatory requirements.

This report provides guidance for candidates and course providers for use in preparation for future examinations. It is intended to be constructive and informative and to promote better understanding of the syllabus content and the application of assessment criteria.

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General comments

Many candidates are well prepared for this unit assessment and provide comprehensive and relevant answers in response to the demands of the question paper. This includes the ability to demonstrate understanding of knowledge by applying it to workplace situations.

There are other candidates, however, who appear to be unprepared for the unit assessment and who show both a lack of knowledge of the syllabus content and a lack of understanding of how key concepts should be applied to workplace situations.

This report has been prepared to provide feedback on standard date IOG1 examination sat in September 2017.

Feedback is presented in these key areas: responses to questions, examination technique and command words and is designed to assist candidates and course providers prepare for future assessments in this unit.

Candidates and course providers will also benefit from use of the 'Guide to the NEBOSH International Technical Certificate in Oil and Gas Operational Safety' which is available via the NEBOSH website. In particular, the guide sets out in detail the syllabus content for IOG1 and tutor reference documents for each Element.

Additional guidance on command words is provided in 'Guidance on command words used in learning outcomes and question papers' which is also available via the NEBOSH website.

Candidates and course providers should also make reference to the IOG1 'Example question paper and Examiners' feedback on expected answers' which provides example questions and details Examiners' expectations and typical areas of underperformance.

Additional comment

Many candidates appear to answer questions consecutively from number 1 through to number 11. Candidates should read the question paper and answer the questions in the order in which they feel confident of attaining most marks when they have provisionally read the paper, ie the questions should be answered in a random order that affords candidates the best opportunity of fulfilling their potential and simultaneously attaining optimum marks. In addition, if candidates select the questions that they feel most comfortable with to start they will hopefully gain confidence as they work their way through the examination paper and subsequently attempt questions that they were initially unsure about.

Unit IOG1

Management of international oil and gas operational safety

Question 1 A newly constructed oil and gas installation is due to be commissioned. The installation includes large vessels and long lengths of pipework, connected with bolted flanges and gaskets that need to be leak tested.

The leak test involves using nitrogen gas to pressurise the vessels and pipework internally to a certain pressure and then operators spraying soapy water solution on to the outside of each flange/gasket connection.

Large flange/gasket leaks result in loud screeching gas release and small flange/gasket leaks are externally visible with the formation of soapy bubbles.

- (a) **Outline** risks associated with the leak testing operation. (10)
- (b) **Outline** control measures that could help to reduce risks with the leak testing operation. (10)

This question assessed candidates' knowledge and understanding of learning outcome 2.6: Outline the hazards, risks and controls to ensure safe start up and shut down of hydrocarbon containing equipment and processes.

This learning outcome includes hazards and controls associated with testing, commissioning and hook up.

Responses to part (a) were limited, although candidates did outline the risks signposted in the stem of the question including asphyxia from nitrogen and hearing damage due to leaks. Candidates would have gained marks for outlining general issues including the effects of heat, cuts and bruises due to sharp edges and ergonomic injuries accessing awkwardly located flanges. Some candidates simply listed their responses instead of providing an outline as specified in the question, limiting their marks. Several candidates incorrectly focused on risks associated with the leak testing equipment and risks of excessive pressures within pipework.

Answers to part (b) were also limited. However, candidates did outline control measures of a permit-to-work for leak testing and suitable personal protective equipment of hearing protection. Few candidates outlined the need for suitable lighting levels. Candidates would have gained marks for outlining other general issues including weatherproof sheeting and suitable housekeeping. Some candidates incorrectly focused on control measures associated with the leak testing equipment.

This question sought to extract understanding of the generic risks and control measures of carrying out leak testing of flanges in a large oil and gas installation. Candidate responses revealed a lack of understanding in how this common task is carried out practically in a vocational setting.

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- Question 2**
- (a) **Give** the meaning of the following terms:
- (i) lower flammable limit (LFL); (2)
 - (ii) upper flammable limit (UFL). (2)
- (b) Hot work permits involve the use of portable gas detectors to measure flammable gas concentrations.
- Outline** circumstances when flammable gas concentrations should be measured for maintenance. (4)
-

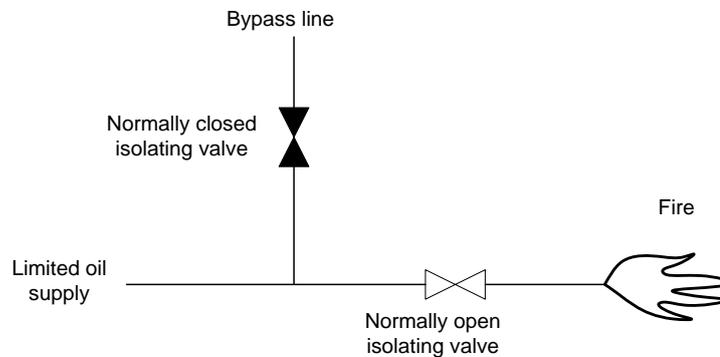
This question assessed candidates' knowledge and understanding of learning outcomes 1.2: Explain the hazards inherent in oil and gas arising from the extraction, storage and processing of raw materials and products; and 2.5: Explain the importance of safe plant operation and maintenance of hydrocarbon containing equipment and processes.

In part (a) (i) candidates gained good marks recognising that below the lower flammable limit the mixture is too lean to burn.

In part (a) (ii) candidates again gained good marks showing an understanding that above the upper flammable limit the mixture is too rich to burn.

In part (b) candidates had difficulty in outlining *when* flammable gas concentrations should be measured for maintenance. Correct responses could have included immediately before maintenance starts and in the event of a hot work permit renewal.

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- Question 3**
- (a) **Identify** components of the fire triangle. (2)
- (b) **Outline** the significance of the components of the fire triangle. (1)
- (c) An oil pipeline with a normally open isolating valve is on fire. A bypass line with a normally closed isolating valve exists upstream of the fire.



With reference to the description and diagram above:

- (i) **outline** methods of removing fuel; (2)
- (ii) **identify** suitable types of portable extinguisher. (3)

This question assessed candidates' knowledge and understanding of learning outcomes 3.5: Outline the fire hazards, risks and controls relating to hydrocarbons; and 4.1: Outline appropriate control measures to minimise the effects of fire and explosion in the oil and gas industries.

In part (a) candidates frequently gained full marks for identifying the three components of the fire triangle and continued in part (b) to correctly outline the significance of the identified components.

In part (c) candidates gained good marks outlining methods of removing the fuel through an appropriate understanding of which valves to open or close. A suitable type of fire extinguisher, including foam, was identified by the majority of candidates.

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- Question 4**
- A distillation column requires protection from fire through active or passive fire protection.
- (a) **Outline** how a fixed deluge system could provide fire protection. (2)
- (b) **Identify** additional examples of *active* fire protection. (2)
- (c) **Identify** examples of *passive* fire protection. (2)
- (d) **Outline** why the metal legs of the column should be protected. (2)

This question assessed candidates' knowledge and understanding of learning outcome 4.1: Outline appropriate control measures to minimise the effects of fire and explosion in the oil and gas industries.

Part (a) was answered well, with candidates often outlining that a fixed deluge provides a vast cooling medium. Few candidates outlined that the deluge system also starves the fire of oxygen, limiting their marks.

Part (b) was well answered with candidates identifying carbon dioxide inerting systems. However, few candidates mentioned mist systems which would have also gained marks.

In part (c) candidates identified fire walls but many candidates had difficulty in identifying other forms of passive fire protection including sublimation coatings.

Part (d) was well answered by the majority of candidates with outlines of protecting the steel from melting. However, few candidates specified minimising the consequences of fire.

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- Question 5** Ineffective shift handover has been identified as a root cause of historic accidents in the oil and gas industry. A written log book forms a critical part of shift handover.
- (a) **Outline** shift handover principles. (4)
- (b) **Explain** how the written log book can help identify root causes in incidents. (4)
-

This question assessed candidates' knowledge and understanding of learning outcomes 2.1: Explain the principles of assessing and managing contractors, including the roles of parties involved; and 1.1: Explain the purposes of and procedures for investigating incidents and how the lessons learnt can be used to improve health and safety in the oil and gas industries.

The content within learning outcome 1.1 specifies 'effective identification of the root causes'.

Part (a) was well answered with handover conducted face to face often outlined. Few candidates specified that both participants take joint responsibility.

While some candidates correctly outlined the importance of chronological order, most candidates experienced difficulty in part (b) with some relaying issues that would be discussed at shift handover associated with a different question. Marks would have been gained for outlining the ease of sharing information and more accurate information as to exactly what happened.

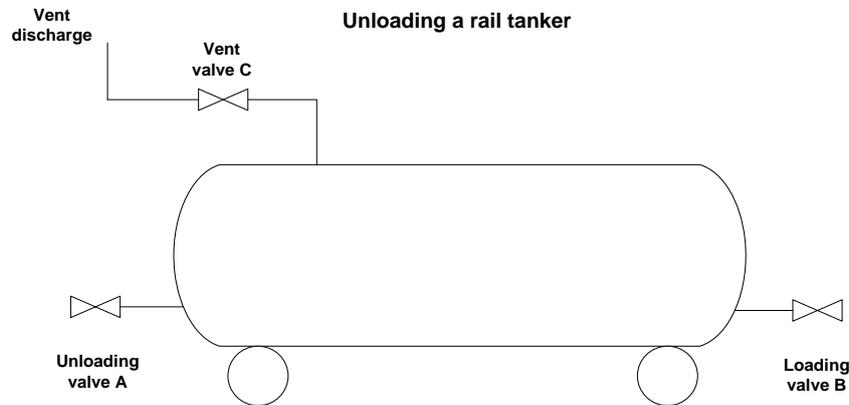
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- Question 6** Oil and gas processing plants involve furnace operations. One of the most critical furnace process parameters is tube metal temperature.
- (a) **Outline** reasons for controlling tube metal temperatures in furnaces. (4)
- (b) **Outline** how tube metal temperatures are controlled. (4)
-

This question assessed candidates' knowledge and understanding of learning outcome 3.6: Outline the hazards, risks and controls available for operating boilers and furnaces.

In part (a) several candidates outlined prevention of tube rupture due to excessive temperatures. However, very few candidates outlined control of temperatures below the melting point. Overall, candidates provided more correct answers in part (a) than part (b).

In part (b) candidates provided a limited number of answers and demonstrated a lack of understanding of how tube metal temperatures are controlled. Some candidates correctly outlined the need to operate within specified limits, but few candidates focused on suitable treatment of water within the tubes.

Question 7 A rail tanker, containing hydrocarbon, is being unloaded as shown in the diagram below.



- (a) (i) **Identify** if valve A should be open or closed during unloading. (1)
- (ii) **Identify** if valve B should be open or closed during unloading. (1)
- (iii) **Identify** if valve C should be open or closed during unloading. (1)
- (b) **Outline** the significance of vent valve C. (2)
- (c) **Outline** the significance of the *location* of the vent discharge. (3)

This question assessed candidates' knowledge and understanding of learning outcomes 3.4: Outline the hazards, risks and controls available for safe containment of hydrocarbons offshore and onshore; and 5.2: Identify the main hazards of and suitable controls for land transport in the oil and gas industries.

In parts (a) (i), (ii) and (iii) the majority of candidates correctly identified the orientation of the respective valves.

In part (b) candidates provided a mixed response with most outlining the need to keep the valve open to avoid vacuum formation. Some candidates incorrectly stated that the vent was needed to avoid pressure through release of vapours.

In part (c) while some candidates outlined that the location of the vent discharge allowed dispersion, many displayed a lack of understanding of the possible risks if the vent were located at a low level.

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- Question 8**
- (a) **Outline** the concept of ‘as low as reasonably practicable’ (ALARP). (2)
 - (b) **Identify TWO** risk control barrier models extensively used in the oil and gas industry. (2)
 - (c) **Outline** the concept of risk control using barrier models. (4)
-

This question assessed candidates’ knowledge and understanding of learning outcome 1.3: Outline the risk management techniques used in the oil and gas industries.

In part (a) while some candidates correctly weighed up the risk against costs, some candidates incorrectly outlined the tolerability of risk.

In part (b) the majority of candidates were able to identify risk control barrier models.

In part (c), while a few candidates correctly outlined the concept of risk control using barrier models through specification of barriers preventing a hazardous event, the majority of candidates had difficulty in outlining more than one correct response. Marks would have been awarded for an outline of latent failure barriers.

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- Question 9**
- (a) **Identify** the properties of liquefied natural gas (LNG). (3)
 - (b) **Outline** *specific* risks associated with handling LNG. (5)
-

This question assessed candidates’ knowledge and understanding of learning outcomes 3.4: Outline the hazards, risks and controls available for the safe containment of hydrocarbons offshore and onshore; and 1.2: Explain the hazards inherent in oil and gas arising from the extraction, storage and processing of raw materials and products.

Learning outcome 3.4 contains content of pressurised/refrigerated vessels for LPG/LNG/CO₂ and learning outcome 1.2 the properties and hazards of gases – liquefied natural gas (LNG).

In part (a) candidates gained marks for identifying the colourless and odourless nature of LNG. However, there appeared to be limited understanding of additional properties. Candidates could have gained marks for specifying it is less dense than water.

In part (b) while some candidates correctly outlined the possibility of cold burns, the majority had difficulty in outlining more correct answers. Marks could have been gained for an outline of the vapour given off is potentially flammable.

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- Question 10**
- During work by contractors on an oil and gas installation, a site liaison worker is often nominated by the management as a contact between the installation management and the contractors.
- Other than* clarification and control of the task, **outline** practical ways in which the site liaison worker can manage the contractors while they work. (8)
-

This question assessed candidates’ knowledge and understanding of learning outcome 2.1: Explain the principles of assessing and managing contractors, including the roles of parties involved.

While candidates successfully outlined sign in and sign out procedures and active monitoring strategies, the majority of candidates had difficulty in understanding how to practically manage contractors while they work. Marks could have been awarded for assessing the number of incidents or near misses occurring. Several candidates chose to focus on vetting contractors which answered an entirely different question.

Question 11 Safety case documents offshore and safety report documents onshore contain similar information requirements.

- (a) **Identify** these similar information requirements. **(4)**
- (b) **Outline** reasons for using these documents. **(4)**
-

This question assessed candidates' knowledge and understanding of learning outcome 1.4: Explain the purpose and content of an organisation's documented evidence to provide a convincing and valid argument that a system is adequately safe in the oil and gas industries.

In part (a) candidates successfully identified audit arrangements and a safety management system but few candidates specified existing measures to control major accident risks.

In part (b) candidates relayed a mixed response with correct outlines of compliance with a legal requirement. However, many candidates did not gain any marks due to a lack of understanding of reasons for these documents.

Examination technique

The following issues are consistently identified as the main areas in need of improvement for candidates taking Certificate level qualifications:

Candidates misread/misinterpreted the question

Candidates misreading or misinterpreting the question is by far the most common cause of candidates not gaining the maximum marks available.

NEBOSH questions are systematically and carefully prepared and are subject to a number of checks and balances prior to being authorised for use in question papers. These checks include ensuring that questions set for the Certificate level qualifications relate directly to the learning outcomes contained within the associated syllabus guides. The learning outcomes require candidates to be sufficiently prepared to provide the relevant depth of answer across a broad range of subject areas. For example, a candidate could be asked about the causes of stress, or could be asked about the effects of stress. A question could require a response relating to the principles of fire initiation, or a question could require a response relating to the spread of fire. Therefore, a candidate should focus not only on the general topic area (eg stress, fire) but also the specific aspect of that subject to which the question relates.

Candidates must also pay attention to the command word. For example, a question could ask candidates to **identify** the hazards associated with demolition work', or a question from the same element could ask candidates to **outline** the control measures required during demolition work'. Candidates appear to focus solely on the object of the question (demolition) and do not pay sufficient attention to the subject (hazards or control measures in the examples given) or the command word ('identify' or 'outline' in the examples given). There is often some confusion between hazard and risk. If a question requires an outline of hazards for a given situation, candidates must be careful not to provide risks, or even in some circumstances precautions, as they will not be able to attract marks.

Examiners suggest that while many candidates do begin their answer satisfactorily and perhaps gain one or two marks, they then lose sight of the question and include irrelevant information. Although further points included in an answer can relate to the general subject area, these points are not focused on the specific learning outcome and marks cannot be awarded. However, some candidates appear to misread or misinterpret several questions. This situation is more likely due to candidates preparing for the examination with a number of memorised answers obtained through rote-learning, that again can provide answers that are loosely associated with the subject matter but do not provide answers specific to the question. Such an approach is clearly evident to an Examiner and demonstrates little understanding of the subject matter and marks are not awarded.

Candidates are advised to allow sufficient time to read and re-read the question in order to determine the key requirements prior to committing their answer to paper. Preparing a time plan before the examination will indicate how many minutes are available for each question and then part of this time allocation can be given to reading the question. Underlining or highlighting key words can assist in keeping focused on the salient points and simple mind maps or answer plans can also be useful. Maps and plans should be kept simple so as not to use up too much examination time.

Candidates did not respond effectively to the command word

A key indicator a question will be the command word, which is always given in **bold** typeface. The command word will indicate the depth of answer that is expected by the candidate and relates to the amount of detail that should be included in each point of the answer.

The learning outcomes in each element of all syllabus guides include the relevant command word that dictates the level of detail that should be covered in a course of study and the depth of answer that a candidate would be expected to provide in an answer to an examination question.

Examiners report that candidates continue to incorrectly observe the command words and therefore compromise their ability to gain the marks available. The majority of cases where command words are not observed relate to insufficient detail being given by a candidate in their examination answer. A significant number of candidates, irrespective of the command word given in the question, provide all answers in the form of a brief list of one or two words. This would normally not be sufficient to gain marks where the command word given was 'outline', 'explain' or 'describe', all of which require answers of more than one or two words.

Some candidates do provide too much information, which would not be required where a command word limits the expected answer to 'give' or 'identify'. Candidates would not be penalised for providing excessive detail but this would not be an efficient use of the time allocated.

Course providers should ensure that learning materials complement the command words in the syllabus guide and the NEBOSH guidance on command words and that sufficient time is given to advising candidates on suitable examination technique during a course of study.

Candidates unnecessarily wrote the question down

Developing a time plan is a key element in preparing for an examination. Advice included on Certificate question papers suggests that 30 minutes should be allocated for the answer to the long 20-mark question, and 90 minutes should be allocated to the answers for the remaining ten, 8-mark short questions. Therefore there are around 9 minutes available to answer an 8-mark question. This time will be required for reading the question properly at least twice, developing an answer plan, and then committing the answer to paper while regularly referring back to the question in order to maintain focus. Therefore any inefficient use of this time should be avoided.

The efficient use of this time is essential in order to ensure that all questions can be answered within the 2 hours available. Many candidates feel it necessary to write out the question, in full, prior to providing their answer and although this practice will not lose marks it will lose valuable time. A significant number of candidates do not answer all of the questions in the time permitted and do not complete the question paper, some of whom obviously run out of time.

Candidates provided rote-learned responses that did not fit the question

It is clear that there are a significant number of candidates who seem to recite answers in the examination that have been rote-learned in advance and do not answer the question.

While knowledge of material forms a part of the study for a Certificate-level qualification, a key aspect being assessed is a candidate's **understanding** of the subject and reciting a pre-prepared and memorised answer will not show a candidate's understanding. In fact, if a candidate gives a memorised answer to a question that may look similar, but actually is asking for a different aspect of a topic in the syllabus, it shows a lack of understanding of the subject and will inevitably result in low marks being awarded for that answer.

Candidates repeated the same points but in different ways / Candidates provided the same answer to different questions

There are instances where candidates repeat very similar points in their answers, sometimes a number of times. This is easily done in the stressful environment of the examination. However, once a point has been successfully made and a mark awarded for it, that mark cannot be awarded again for similar points made later in the answer.

Candidates are advised to practise examination technique in their preparations to avoid this kind of pitfall. Writing an answer plan where points can be ticked off when made, or structuring an answer so that each point made is clearly shown, for example by underlining key points, can be of great use. This technique aids candidates and makes it much clearer in the stress of the examination for candidates to see which points have been made and reduce the chances of the same point being made several times.

Candidates did not answer all of the questions

It has been noted that a number of candidates do not attempt all of the questions and of course where a candidate does not provide an answer to a question, no marks can be awarded. This seriously affects the potential marks available and the possibility of achieving a pass. Course providers must emphasise the importance of attempting all questions in order to maximise the opportunity to attract marks.

There can be several reasons for this issue: running out of the allocated time for the examination, not knowing the answer to the question, or forgetting to answer a question.

Questions can be answered in any order and answers can be written in any order in the answer book provided. Candidates are advised to clearly keep track of questions they have attempted, such as

marking them on the question paper that would minimise the risk of inadvertently missing a question to answer.

If the subject of the question is unfamiliar or the answer is not known, then it will be challenging to provide an answer. This can result from rote-learning and preparing for an examination with a number of memorised answers, or simply not being adequately prepared for the examination across the breadth of the syllabus. There is always the risk of a candidate 'going blank' in an examination situation, in which case candidates should be prepared with some techniques to help. Rather than trying to remember what was taught or what has been read, ask yourself 'what would I do, in this situation?'. Reference to personal application or experience is sometimes enough to stimulate an answer that otherwise may have been missed. Alternatively, candidates can go back to first principles and break a question down into elements such as 'people', 'equipment', 'materials' and the 'working environment'. Approaching a question in small sections can minimise the risk of being overwhelmed by it as a whole.

Running out of time can be avoided by having an examination time plan and working to it. The question paper advises that you should spend 30 minutes on the long answer (question 1) and 90 minutes on the remaining ten short answer questions. This will provide around 9 minutes per short answer, follow the clock and when the time per question has expired, move on. Answering a question partly is better than not answering at all.

Candidates did not allocate enough time to the question / Time management

In a number of cases question 1 is left until last or later in the question paper and does not appear to be answered completely. Other candidates appear to rush the last one or two questions by providing very brief or bullet point answers, even when these questions require an outline. This indicates a lack of time management. It is advised that course providers and candidates spend time developing the skill of writing answers to questions bearing in mind the number of marks and time available. A 20-mark question requires significantly more detail than an 8-mark question.

Candidates might benefit from writing abbreviations to save time and to recognise that there is no need to write out the question at the beginning of their answer. Standard abbreviations such as HSE, RIDDOR, COSHH, PPE and DSE are acceptable.

Candidates' handwriting was illegible

Sometimes Examiners have difficulty in reading the handwriting of some candidates. Although allowances are made for candidates under the pressure of an examination, course providers must remind candidates that their writing needs to be legible or valuable marks may not be picked up during marking.

There is a minimum literacy requirement for candidates on NEBOSH qualifications. As stated in the syllabus guides the standard of English required by candidates studying for Certificate level must be such that they can both understand and articulate the concepts contained in the syllabus.

NEBOSH recommends to accredited course providers that candidates taking this qualification should reach a minimum standard of English equivalent to an International English Language Testing System score of 6.0 or higher in IELTS tests in order to be accepted onto a Certificate level programme.

For further information please see the latest version of the IELTS Handbook or consult the IELTS website: <https://www.ielts.org/about-the-test/test-format>

Candidates wishing to assess their own language expertise may consult the IELTS website for information on taking the test: <https://www.ielts.org>

Course providers are reminded that they must ensure that these standards are satisfied or additional tuition provided to ensure accessible and inclusive lifelong learning.

Command words

Please note that the examples used here are for the purpose of explanation only.

Outline

The command word 'outline' is by far the most challenging for candidates. Referring to the NEBOSH guidance on command words available on the NEBOSH website, 'outline' means *"To indicate the principal features or different parts of"*.

Many candidates do not give sufficient detail in order to warrant an 'outline' answer. The NEBOSH guidance on command word states that *"an exhaustive description is not required. What is sought is a brief summary of the major aspects of whatever is stated in the question"*.

If the use of the command word in everyday language or conversation is considered it may help the candidate understand what is required. If asked to '**outline** the risks to an operator when manually closing a valve' an answer such as 'cuts, bruises, burns and strains' would be insufficient as this represents a listed answer. However, 'cuts from contact with sharp edges of the hand wheel, bruises from impact with adjacent plant items, burns from contact with adjacent uninsulated pipe work and strains from using excessive force' would be sufficient.

Explain

The command word 'explain' requires the candidate to provide an understanding of the subject of the question and will usually be used in conjunction with 'why' or 'how'. Such as '**explain** how an interlocked guard operates' or '**explain** why a forklift truck may overturn'.

Some candidates approach an 'explain' question the same as an 'outline' and provide a number of individual points rather than providing an explanation as to how something operates or why something occurs. While some candidates do answer such questions sufficiently and satisfactorily, other candidates have difficulty in explaining in a logical sequence and many repeat the same point.

Identify

'Identify' questions require the name or title of an item, such as, '**identify** the effects of electricity on the human body', or '**identify** the features of a vehicle route'. In most cases one or two words will be sufficient and further detail will not be required to gain the marks.

For example, if asked to '**identify** types of equipment found in an office' appropriate answers could be personal computer, printer, telephone, photocopier, etc. There would be no need to embellish those points with a description of the equipment or its function.

However, in contrast to 'outline' answers being too brief, many candidates feel obliged to expand 'identify' answers into too much detail, with the possible perception that more words equals more marks. This is not the case and course providers should use the NEBOSH guidance on command words within their examination preparation sessions in order to prepare candidates for the command words that may arise.

Describe

The command word 'describe' clearly requires a description of something. The NEBOSH guidance on command words says that 'describe' requires a detailed written account of the distinctive features of a topic such that another person would be able to visualise what was being described.

If asked to describe the clock in the examination room, a person would have little difficulty in doing so and would most probably refer to its shape, its size, the colour of the clock and the style of numerals. Answers to such a question would almost certainly not result in general unconnected information about clocks, the history of clocks, or an explanation of why the clock is present in the room. Candidates should consider the general use of the command word when providing examination answers.

Give

'Give' questions require a statement that is relevant to the subject asked for in the question but additional explanation is not required. Often, 'give' questions ask for the meaning of a particular term. While detailed explanation of the application of the term would not be required, a correct knowledge of the term itself is needed in order for the Examiner to award marks.

For additional guidance, please see NEBOSH's '*Guidance on command words used in learning outcomes and question papers*' document, which is available on our website: www.nebosh.org.uk/students/default.asp?cref=1345&ct=2.