

57144 -Environmental and Process Safety Management Module

Presentation - assessment criteria:

Environmental and Process Safety Management - Assessment Criteria

Grading Criteria related to Knowledge and Understanding at Level 5				
	Work demonstrates			
Coverage of key aspects	Selection and explanation of key aspects which have some complexity and depth and are well-established, within the subject base Accuracy and coverage of topic, without omissions in knowledge and understanding	0-19	Negligible evidence and/or use of skill	
		20-34	Inappropriate evidence and/or use of skill	
		35-39	Evidence included/provided but missing in some very important aspects	
		40-49	Work contains evidence of competence in this skill but application is limited	
		50-59	Evidence within work is sufficient and appropriate to the task.	
		60-69	Good, robust evidence of appropriate and effective use of knowledge and understanding	
		70-79	Strong and convincing evidence of considered exercise of knowledge and understanding	
		80-89	Strong, convincing and consistent evidence of insightful and nuanced use of knowledge and understanding	
		90-100	Overwhelming evidence of insight and innovation in the effective use of knowledge and understanding	
Underpinning depth and breadth of knowledge and understanding	Some breadth, depth of awareness, and understanding of issues within the broad underlying concepts and principles of Process Safety Management with some depth, which underpins and contextualises the specific issue related to the presentation.	0-19	Negligible evidence and/or use of skill	
		20-34	Inappropriate evidence and/or use of skill	
		35-39	Evidence included/provided but missing in some very important aspects	
		40-49	Work contains evidence of competence in this skill but application is limited	
		50-59	Evidence within work is sufficient and appropriate to the task.	
		60-69	Good, robust evidence of appropriate and effective use of knowledge and understanding	
		70-79	Strong and convincing evidence of considered exercise of knowledge and understanding	
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Awareness and use of relevant literature / information sources	The ability to use / draw on resources / data from a prescribed range of sources and literature.	0-19	Negligible evidence and/or use of skill	
		20-34	Inappropriate evidence and/or use of skill	
		35-39	Evidence included/provided but missing in some very important aspects	
		40-49	Work contains evidence of competence in this skill but application is limited	
		50-59	Evidence within work is sufficient and appropriate to the task.	
		60-69	Good, robust evidence of appropriate and effective use of knowledge and understanding	
		70-79	Strong and convincing evidence of considered exercise of knowledge and understanding	
		80-89	Strong, convincing and consistent evidence of insightful and nuanced use of knowledge and understanding	
		90-100	Overwhelming evidence of insight and innovation in the effective use of knowledge and understanding	
Recognition of inter-relationships of topics to a situation/context	Understanding of the complex and potentially contradictory nature of static inter-relationships between different topics within unspecified and unpredictable situations / contexts	0-19	Negligible evidence and/or use of skill	
		20-34	Inappropriate evidence and/or use of skill	
		35-39	Evidence included/provided but missing in some very important aspects	
		40-49	Work contains evidence of competence in this skill but application is limited	
		50-59	Evidence within work is sufficient and appropriate to the task.	
		60-69	Good, robust evidence of appropriate and effective use of knowledge and understanding	
		70-79	Strong and convincing evidence of considered exercise of knowledge and understanding	
		80-89	Strong, convincing and consistent evidence of insightful and nuanced use of knowledge and understanding	
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Grading Criteria related to Intellectual (thinking) skills at Level 5

	Work demonstrates		
Understanding Task	Understanding of the issues which are central to the assigned task / Ability to follow guidance to devise a simple task related to the topic	0-19	Negligible evidence and/or use of skill
		20-34	Inappropriate evidence and/or use of skill
		35-39	Evidence included/provided but missing in some very important aspects
		40-49	Work contains evidence of competence in this skill but application is limited
		50-59	Evidence within work is sufficient and appropriate to the task.
		60-69	Good, robust evidence of appropriate and effective use of skill
		70-79	Strong and convincing evidence of considered exercise of skill
		80-89	Strong, convincing and consistent evidence of insightful and nuanced use of skill
		90-100	Overwhelming evidence of insight and innovation in the effective use of skill
Gathering and processing information	Ability to coherently collate, critically analyse and identify the relevance and significance of information / data / appropriate literature Ability to integrate reference to literature effectively within own work.	0-19	Negligible evidence and/or use of skill
		20-34	Inappropriate evidence and/or use of skill
		35-39	Evidence included/provided but missing in some very important aspects
		40-49	Work contains evidence of competence in this skill but application is limited
		50-59	Evidence within work is sufficient and appropriate to the task.
		60-69	Good, robust evidence of appropriate and effective use of skill
		70-79	Strong and convincing evidence of considered exercise of skill
		80-89	Strong, convincing and consistent evidence of insightful and nuanced use of skill
		90-100	Overwhelming evidence of insight and innovation in the effective use of skill
Making judgements using the information	Ability to make and justify sound decisions about specified / predictable / straightforward <i>aspects of the presentation requirements</i>	0-19	Negligible evidence and/or use of skill
		20-34	Inappropriate evidence and/or use of skill
		35-39	Evidence included/provided but missing in some very important aspects
		40-49	Work contains evidence of competence in this skill but application is limited
		50-59	Evidence within work is sufficient and appropriate to the task.
		60-69	Good, robust evidence of appropriate and effective use of skill
		70-79	Strong and convincing evidence of considered exercise of skill
		80-89	Strong, convincing and consistent evidence of insightful and nuanced use of skill

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		90-100	Overwhelming evidence of insight and innovation in the effective use of skill	
Building the argument for those judgements	Ability to produce a line of argument supported by relevant evidence./ use of sources	0-19	Negligible evidence and/or use of skill	
		20-34	Inappropriate evidence and/or use of skill	
		35-39	Evidence included/provided but missing in some very important aspects	
		40-49	Work contains evidence of competence in this skill but application is limited	
		50-59	Evidence within work is sufficient and appropriate to the task.	
		60-69	Good, robust evidence of appropriate and effective use of skill	
		70-79	Strong and convincing evidence of considered exercise of skill	
		80-89	Strong, convincing and consistent evidence of insightful and nuanced use of skill	
		90-100	Overwhelming evidence of insight and innovation in the effective use of skill	
Application of theory to practice	Ability to apply aspects of the topic between specified subjects/topics; subject and / or professional work areas.	0-19	Negligible evidence and/or use of skill	
		20-34	Inappropriate evidence and/or use of skill	
		35-39	Evidence included/provided but missing in some very important aspects	
		40-49	Work contains evidence of competence in this skill but application is limited	
		50-59	Evidence within work is sufficient and appropriate to the task.	
		60-69	Good, robust evidence of appropriate and effective use of skill	
		70-79	Strong and convincing evidence of considered exercise of skill	
		80-89	Strong, convincing and consistent evidence of insightful and nuanced use of skill	
		90-100	Overwhelming evidence of insight and innovation in the effective use of skill	

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Grading Criteria related to Practical/Professional/Disciplinary skills at Level 5

	Work demonstrates			
Academic Practice / Practical Work	An effective quality and standard of expression in English – communication of information with some complexity in English which is accurate and has clarity Appropriate and effective use of	0-19	Negligible evidence and/or use of skill	
		20-34	Inappropriate evidence and/or use of skill	
		35-39	Evidence included/provided but missing in some very important aspects	
		40-49	Work contains evidence of competence in this skill but application is limited	
		50-59	Evidence within work is sufficient and appropriate to the task.	
		60-69	Good, robust evidence of appropriate and effective use of skill	

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	academic conventions	70-79	Strong and convincing evidence of considered exercise of skill	
	Effective, consistent referencing of a wide range of sources in line with an agreed standard convention. Ability to produce concise work, which adheres to word-counts for assignments.	80-89	Strong, convincing and consistent evidence of insightful and nuanced use of skill	
		90-100	Overwhelming evidence of insight and innovation in the effective use of skill	
Methods of Enquiry and Production	Identification and appropriate use of methodologies and methods	0-19	Negligible evidence and/or use of skill	
		20-34	Inappropriate evidence and/or use of skill	
	Identification and use of technology /techniques /processes/ terminology appropriate to the discipline and task.	35-39	Evidence included/provided but missing in some very important aspects	
		40-49	Work contains evidence of competence in this skill but application is limited	
		50-59	Evidence within work is sufficient and appropriate to the task.	
		60-69	Good, robust evidence of appropriate and effective use of skill	
		70-79	Strong and convincing evidence of considered exercise of skill	
		80-89	Strong, convincing and consistent evidence of insightful and nuanced use of skill	
90-100	Overwhelming evidence of insight and innovation in the effective use of skill			
Academic/Professional Context and Autonomy	Ability to operate effectively in situations that are largely straightforward and predictable, and to work within practical / employment / professional contexts requiring the exercise of personal responsibility/accountability and/or decision-making.	0-19	Negligible evidence and/or use of skill	
		20-34	Inappropriate evidence and/or use of skill	
	Application of underlying concepts and principles of the subject area in a novel situation,	35-39	Evidence included/provided but missing in some very important aspects	
		40-49	Work contains evidence of competence in this skill but application is limited	
		50-59	Evidence within work is sufficient and appropriate to the task.	
		60-69	Good, robust evidence of appropriate and effective use of skill	
		70-79	Strong and convincing evidence of considered exercise of skill	
		80-89	Strong, convincing and consistent evidence of insightful and nuanced use of skill	
90-100	Overwhelming evidence of insight and innovation in the effective use of skill			

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	including, where appropriate, within an employment context.			
Working with Other Disciplines / Professions	<p>Collaborative working with other disciplines / professions – ability to participate effectively in collaboration with people from other disciplines / professions where appropriate.</p> <p>Appreciation of the role of other disciplines / professions – Ability to</p> <ul style="list-style-type: none"> - identify the potential contribution of own and other professions / disciplines to the area of practice/particular case. - describe the purpose of these disciplines / professions and their role within a multidisciplinary team. - identify barriers to working effectively within a multidisciplinary team. 	0-19	Negligible evidence and/or use of skill	
		20-34	Inappropriate evidence and/or use of skill	
		35-39	Evidence included/provided but missing in some very important aspects	
		40-49	Work contains evidence of competence in this skill but application is limited	
		50-59	Evidence within work is sufficient and appropriate to the task.	
		60-69	Good, robust evidence of appropriate and effective use of skill	
		70-79	Strong and convincing evidence of considered exercise of skill	
		80-89	Strong, convincing and consistent evidence of insightful and nuanced use of skill	
		90-100	Overwhelming evidence of insight and innovation in the effective use of skill	
Adherence to ethical / legal practice	Ability to identify the potential influence of the ethical / legal issues within own discipline/ role.	0-19	Negligible evidence and/or use of skill	
		20-34	Inappropriate evidence and/or use of skill	
		35-39	Evidence included/provided but missing in some very important aspects	
		40-49	Work contains evidence of competence in this skill but application is limited	
		50-59	Evidence within work is sufficient and appropriate to the task.	
		60-69	Good, robust evidence of appropriate and effective use of skill	
		70-79	Strong and convincing evidence of considered exercise of skill	
		80-89	Strong, convincing and consistent evidence of insightful and nuanced use of skill	
		90-100	Overwhelming evidence of insight and innovation in the effective use of skill	

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Risk Assessment	Ability to follow and evaluate a simple risk assessment.	0-19	Negligible evidence and/or use of skill	
		20-34	Inappropriate evidence and/or use of skill	
		35-39	Evidence included/provided but missing in some very important aspects	
	Identification and explanation of risk factors	40-49	Work contains evidence of competence in this skill but application is limited	
		50-59	Evidence within work is sufficient and appropriate to the task.	
		60-69	Good, robust evidence of appropriate and effective use of skill	
		70-79	Strong and convincing evidence of considered exercise of skill	
		80-89	Strong, convincing and consistent evidence of insightful and nuanced use of skill	
		90-100	Overwhelming evidence of insight and innovation in the effective use of skill	

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Grading Criteria related to Transferable skills at Level 5

	Work demonstrates		
Communication	Ability to accurately, clearly and appropriately communicate information, attitudes and ideas in an appropriate written, verbal or visual format for a suggested purpose, topic, situation and audience, and in such a way as to demonstrate understanding to academic, specialist and non-specialist audiences	0-19	Negligible evidence and/or use of skill
		20-34	Inappropriate evidence and/or use of skill
		35-39	Evidence included/provided but missing in some very important aspects
		40-49	Work contains evidence of competence in this skill but application is limited
		50-59	Evidence within work is sufficient and appropriate to the task.
		60-69	Good, robust evidence of appropriate and effective use of skill
		70-79	Strong and convincing evidence of considered exercise of skill
		80-89	Strong, convincing and consistent evidence of insightful and nuanced use of skill
		90-100	Overwhelming evidence of insight and innovation in the effective use of skill
Gathering and using information	<p>Ability to Identify, access, use and explain information / data which is relevant for a suggested purpose from a range of sources and use effectively within own work.</p> <p>Ability to evaluate both the information / data and the sources</p> <p>Ability to develop appropriate research strategies for straight-forward tasks with some guidance.</p>	0-19	Negligible evidence and/or use of skill
		20-34	Inappropriate evidence and/or use of skill
		35-39	Evidence included/provided but missing in some very important aspects
		40-49	Work contains evidence of competence in this skill but application is limited
		50-59	Evidence within work is sufficient and appropriate to the task.
		60-69	Good, robust evidence of appropriate and effective use of skill
		70-79	Strong and convincing evidence of considered exercise of skill
		80-89	Strong, convincing and consistent evidence of insightful and nuanced use of skill
		90-100	Overwhelming evidence of insight and innovation in the effective use of skill
Information and Communications Technology	Selection and use specified ICT applications and strategies as appropriate for guided purposes and tasks	0-19	Negligible evidence and/or use of skill
		20-34	Inappropriate evidence and/or use of skill
		35-39	Evidence included/provided but missing in some very important aspects
		40-49	Work contains evidence of competence in this skill but application is limited
		50-59	Evidence within work is sufficient and appropriate to the task.

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		60-69	Good, robust evidence of appropriate and effective use of skill	
		70-79	Strong and convincing evidence of considered exercise of skill	
		80-89	Strong, convincing and consistent evidence of insightful and nuanced use of skill	
		90-100	Overwhelming evidence of insight and innovation in the effective use of skill	
Learning to Learn	Ability to select from a range of suggested approaches and techniques in order to reflect on and analyse own strengths, limitations and performance and identify their implications. The learning ability needed to undertake appropriate further training of a professional or equivalent nature.	0-19	Negligible evidence and/or use of skill	
		20-34	Inappropriate evidence and/or use of skill	
		35-39	Evidence included/provided but missing in some very important aspects	
		40-49	Work contains evidence of competence in this skill but application is limited	
		50-59	Evidence within work is sufficient and appropriate to the task.	
		60-69	Good, robust evidence of appropriate and effective use of skill	
		70-79	Strong and convincing evidence of considered exercise of skill	
		80-89	Strong, convincing and consistent evidence of insightful and nuanced use of skill	
		90-100	Overwhelming evidence of insight and innovation in the effective use of skill	
Planning own work	The ability to set milestones within a given plan and implement plan to achieve several objectives.	0-19	Negligible evidence and/or use of skill	
		20-34	Inappropriate evidence and/or use of skill	
		35-39	Evidence included/provided but missing in some very important aspects	
		40-49	Work contains evidence of competence in this skill but application is limited	
		50-59	Evidence within work is sufficient and appropriate to the task.	
		60-69	Good, robust evidence of appropriate and effective use of skill	
		70-79	Strong and convincing evidence of considered exercise of skill	
		80-89	Strong, convincing and consistent evidence of insightful and nuanced use of skill	
		90-100	Overwhelming evidence of insight and innovation in the effective use of skill	
Problem solving	The ability to solve straightforward problems by identifying, explaining and selecting appropriate approaches to use. Evaluation of both the approaches and solutions to the	0-19	Negligible evidence and/or use of skill	
		20-34	Inappropriate evidence and/or use of skill	
		35-39	Evidence included/provided but missing in some very important aspects	
		40-49	Work contains evidence of competence in this skill but application is limited	
		50-59	Evidence within work is sufficient and appropriate to the task.	
		60-69	Good, robust evidence of appropriate and effective use of skill	
		70-79	Strong and convincing evidence of considered exercise of skill	

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	problem.	80-89	Strong, convincing and consistent evidence of insightful and nuanced use of skill	
		90-100	Overwhelming evidence of insight and innovation in the effective use of skill	
Working with Numbers	The ability to select from a range of suggested approaches and techniques to analyse / explain / evaluate data and to apply this to a specific simple / limited context	0-19	Negligible evidence and/or use of skill	
		20-34	Inappropriate evidence and/or use of skill	
		35-39	Evidence included/provided but missing in some very important aspects	
		40-49	Work contains evidence of competence in this skill but application is limited	
		50-59	Evidence within work is sufficient and appropriate to the task.	
		60-69	Good, robust evidence of appropriate and effective use of skill	
		70-79	Strong and convincing evidence of considered exercise of skill	
		80-89	Strong, convincing and consistent evidence of insightful and nuanced use of skill	
		90-100	Overwhelming evidence of insight and innovation in the effective use of skill	
Working with others	Use of appropriate approaches / techniques to operate with others in various situations (e.g. <i>course / professional / work / career related</i>) in order to meet specified objectives and own responsibilities within a group situation.	0-19	Negligible evidence and/or use of skill	
		20-34	Inappropriate evidence and/or use of skill	
		35-39	Evidence included/provided but missing in some very important aspects	
		40-49	Work contains evidence of competence in this skill but application is limited	
		50-59	Evidence within work is sufficient and appropriate to the task.	
		60-69	Good, robust evidence of appropriate and effective use of skill	
		70-79	Strong and convincing evidence of considered exercise of skill	
		80-89	Strong, convincing and consistent evidence of insightful and nuanced use of skill	
90-100	Overwhelming evidence of insight and innovation in the effective use of skill			

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Grading Criteria related to Module Outcomes at Level 5

	Work demonstrates		
LO1	Describe the key features of an effective process safety management system.	0-19	Negligible evidence and/or use of skill
		20-34	Inappropriate evidence and/or use of skill
		35-39	Evidence included/provided but missing in some very important aspects
		40-49	Work contains evidence of competence in this skill but application is limited
		50-59	Evidence within work is sufficient and appropriate to the task.
		60-69	Good, robust evidence of appropriate and effective use of skill
		70-79	Strong and convincing evidence of considered exercise of skill
		80-89	Strong, convincing and consistent evidence of insightful and nuanced use of skill
		90-100	Overwhelming evidence of insight and innovation in the effective use of skill
LO5	Accurately, clearly and appropriately communicate analysis in written, verbal and visual format in such a way as to demonstrate understanding to academic, specialist and non-specialist audiences.	0-19	Negligible evidence and/or use of skill
		20-34	Inappropriate evidence and/or use of skill
		35-39	Evidence included/provided but missing in some very important aspects
		40-49	Work contains evidence of competence in this skill but application is limited
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		80-89	Strong, convincing and consistent evidence of insightful and nuanced use of skill
		90-100	Overwhelming evidence of insight and innovation in the effective use of skill