

Full Name of Apprentice	Full Name of Technical Expert
To achieve a PASS score the apprentice must achieve ALL of following:	No distinction criteria or score are allocated to this section
6 🗆	N/A
Evidence relating to the UET Standard	
 K1 Relevant industry health and safety standards and regulation S2 Follow and comply with industry health and safety and environments S10 Adhere to safe working practices and procedures and car 	ironmental working practices and regulations
To achieve a pass the apprentice must have evidence of:	• N/A
 Knowledge of where to access and how to apply industry Health, Safety & Environmental standards and regulations relation to company practices and quality procedures 	in
Conform to risk assessment process in relation to company practices and procedures	у 🗆
Knowledge of and compliance with company standards an procedures as applicable e.g. COSHH, PPE, confined spanning.	
 working at height, isolation of plant and equipment etc Compliance with environmental regulations and standards correct disposal of wastes 	e.g.



		To achieve a DISTINCTION scornust achieve ALL of the following			
6			3		
Evidence relating to the UET Sta					
 K2 Maintenance practices, processe K5 Planned, reactive, and predictive S4 Carry out maintenance activities S6 Carry out and follow planned, reactive 	e maintenance processes, prac on a range of waste and water	ctices a r syster	nd procedures ms, plant and equipment	nd equipment	
 To achieve a pass the apprentice m Knowledge of where to access of maintenance practices, processed Applying company maintenance procedures when carrying out to a completion of maintenance task the whole range of work processed Understanding of relevant parant the equipment works Record & report outcomes of maintenance of maintenance task the whole range of work processed 	ust have evidence of: company information on es and procedures practices, policies and sks s in a timely manner across ses, systems and equipment neters of equipment and how		To achieve distinction the apprentic criteria and ALL of the following: Able to reflect critically of perform lessons learnt Detailed explanation of the under the equipment works Able to prioritise work to ensure minimised and give explanation choice(s). This could be achieved following: Solving problems Making suggestions Dealing with conflict	rmance achieved and derpinning theories of how that downtime is as of the rationale for their	



To achieve a PASS score the apprentice must achieve ALL of the following:		To achieve a DISTINCTION score the apprentice must achieve ALL of the following:			
6			3		
Evidence relating to the UET Sta	ndard				
K4 Principles and processes that underpin the location, diagnosis and rectification of faults S3 Locate, diagnose and rectify faults on plant and equipment					
 To achieve a pass the apprentice m Knowledge of fault-finding techn Locating, identifying and rectifyir Consulting and working with other and resolve cause of the problem Understanding of relevant operated equipment and how the equipment 	iques ng faults ers to investigate, identify n ting parameters of any		To achieve distinction the apprentic criteria plus ALL of the following: Demonstration of independent to fault find and rectify diagnos Proposing solutions to prevent problem	use of root cause analysis ed faults	



To achieve a PASS score the apprentice must achieve ALL of the following:		of	To achieve a DISTINCTION scornust achieve ALL of the following	• • • • • • • • • • • • • • • • • • • •	
4			2		
Evidence relating to the UET Sta	ndard				
S5 Use workshop machinery and eq	uipment to create, repair and	modify	component and apparatus		
 To achieve a PASS the apprentice relation. Using workshop machinery to create components. This could include: Drills	eate, repair and modify		To achieve DISTINCTION the app pass criteria plus the following: Provide evidence of a piece of created, repaired and modified operational condition. This coul limited to: Transmitter repairs Calibrations Function tests Support brackets Other	equipment that you have and returned to	



To achieve a PASS score the apprentice must achieve ALL of the following:		of	To achieve a DISTINCTION scornust achieve the following:	ore the apprentice	
6			3		
Evidence relating to the UET Sta	ndard				
S11 Carry out safe isolation of equip	oment, using permit and lock-o	off syste	ems as required		
I11 Carry out isolation procedures to	ensure process or system sta	ability a	nd personnel safety when carrying o	out operations	
To achieve a PASS the apprention	ce must have evidence of:		To achieve DISTINCTION the a	pprentice must achieve	
 Identifying hazards and risks and apply control measures Safely isolate equipment from all sources of energy 			the pass criteria plus the followiTake a leading role in the appli	· ·	
 Test to confirm equipment has b Follow company isolation proced 	een isolated				



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3			N/A
Evidence relating to the UET Star	ndard		
S12 Drive vehicles equipped with too	ols and materials to job sites		
 To achieve a PASS the apprentic of: Full driving licence or demonstra towards achieving a full driving lie Complying with company driving Carry out vehicle checks Safely load vehicles. 	te progress to working cence		• N/A



To achieve a PASS score the apprentice must achieve ALL of the following:		To achieve a DISTINCTION score the apprentice must achieve the following:			
4			2		
Evidence relating to the UET Sta					
\$13 Install, maintain, replace and co\$14 As required, undertake standby\$8 Handover and confirm completio	duties to provide 24-hour co	-	•	nostic testing procedures	
To achieve a PASS the apprentic of: Complete dynamic risk assessr Install, maintain, replace and correct equipment Complete engineering activities equipment Follow company completion and recolleagues Refer to technical drawings to correct equipment are completed in an explanation of the hout of hours in line with the correct explanation of the hour of hours in line with the correct explanation of the hour of hours in line with the correct explanation of the hour of hours in line with the correct explanation of the hour of hours in line with the correct explanation of the hour of hours in line with the correct explanation of the hour of hours in line with the correct explanation of the hour of hours in line with the correct explanation of the hour of hours in line with the correct explanation of the hour of hours in line with the correct explanation of the hour of hours in line with the correct explanation of the hour of hours in line with the correct explanation of the hour of hours in line with the correct explanation of the hour of hours in line with the correct explanation of the hour of hours in line with the correct explanation of the hour of hours in line with the correct explanation of the hour of hours work explanation of the hour of hour explanation of the hour of hour explanation of the hour of hour explanation of the hour explanation explan	ments (where applicable) ments (where applicable) mmission equipment and handing over d handover procedures. mandover information to confirm specification mgness to undertake ies azards of working alone		To achieve DISTINCTION the apprass criteria plus the following: • Provide evidence of an action improved the performance and equipment	you have applied that	



To achieve a PASS score the apprentice must achieve ALL of the following:		To achieve a DISTINCTION scornust achieve ALL of the following			
4			2		
Evidence relating to the UET Sta	ndard				
I1 Apply theories and principles of e	electronics to use equipment t	o carry o	out diagnostic fault-finding procedure	es	
 Knowledge of instrument and coprinciples for diagnostic fault fine Apply knowledge gained to iden Reinstatement of plant to operate Use company recording and rep 	ontrol theories and ding tify faults cional condition		 To achieve DISTINCTION the a achieve the pass criteria plus A Demonstrate an understanding analysing past history on faults Demonstrate an understanding analysing data over an extender reliable results 	JLL of the following: g of the benefits of g of the benefits of	



To achieve a PASS score the apprentice must achieve ALL of the following:		_ of	To achieve a DISTINCTION scornust achieve THREE of the following	• •	
5			3		
Evidence relating to the UET Star	ndard				
I2 Maintain instrumentation and cont S1 Apply technical knowledge to car	• •	-		control equipment	
To achieve a PASS the apprentice must have evidence of:			To achieve DISTINCTION the a achieve the pass criteria plus T I	• •	
			 Raising appropriate follow on vidata from inspections / data me Identify non-compliances and tiproblems not specified in scope Identify root cause of a detect a recommendations for solutions Identification of spares. 	onitoring. ake actions to rectify e of work. and provide	



To achieve a PASS score the apprentice must achieve ALL of the following:		of	To achieve a DISTINCTION score the apprentice must achieve ALL of the following:			
5			3			
Evidence relating to the UET Sta	ndard					
 13 Test and calibrate instrumentation and control equipment and circuits, and assist in installing instrumentation and control equipment 17 Test, calibrate and validate fixed and portable analogue and digital instrumentation using approved procedures and standards 						
To achieve a PASS the apprentic of: Examples of testing, calibration at Identification of correct materials. Follow installation procedures for control equipment. Install new electrical equipment at specification.	and validation methods. for the task. r installing instrument and		 To achieve DISTINCTION the a achieve the pass criteria plus A Understand the impact the una would have on production. Analyse and evaluate defects a Make recommendations to impact the una would have on production. 	LL of the following: availability of equipment and their causes		



To achieve a PASS score the apprentice must achieve ALL the following:		of	To achieve a DISTINCTION scornust achieve TWO of the follow	• •	
4			2		
Evidence relating to the UET Star	ndard				
 15 Carry out telemetry outstation and internal system configuration 19 Use standards and specifications to improve the information gathered by telemetry data 16 Identify and resolve data quality and calibration issues 					
To achieve a PASS the apprentic of:	e must have evidence		To achieve DISTINCTION the a achieve the pass criteria plus T	• •	
 Correctly interpret data from procand/or control systems to local/re Configuration of telemetry outstainternal systems Knowledge of telemetry data gatispecifications Demonstrate or describe how to or calibration errors 	emote displays tion systems and / or nering standards and		 Make suggestions for improven gathering. Make specification changes to with company procedures Knowledge of how to access te company systems 	telemetry systems in line	



To achieve a PASS score the apprentice must ach following:	ieve ALL of the	To achieve a DISTINCTION must achieve TWO of the fo					
5		3					
Evidence relating to the UET Standard							
 18 Repair, maintain, configure and calibrate field instrumentation, communication devices and associated equipment used in system and process control, such as Programmable Logic Controllers (PLC) and Supervisory Control & Data Acquisition (SCADA) systems S9 Read, understand and interpret computer data and displays, and work to technical specifications and supporting documentation 14 Use Instrumentation and Control Systems knowledge and skills to install, maintain and dismantle instruments, controllers, probes, attachments, cabling, meters and display units 110 Inspect and maintain security equipment, telecommunication devices and alarm systems 							
To achieve a PASS the apprentice must have evid		To achieve distinction the app	rentice must achieve the				
 Select and set up appropriate calibration/test equipment Repairing, maintaining, dismantling and calibrating instrumentation Correctly install, maintain and dismantle a range ICA equipment, including THREE of the following: Pressure transmitters Temperature transmitters Flow transmitters Analysers Check for alarm/trip functionality and as required, see equipment in line with hazardous area specification On completion of work re-commission equipment into operational service Use company recording and reporting procedures. Understanding the importance of backing up program 	nent	 Research of and recommentechnology Knowing their levels of rest the implementation of chair cause of the problem Identification of spares usa 	following: endation for use of new ponsibility is relation to nges to program logic ault to establish the root				





To achieve a PASS score the apprentice must achieve ALL the following:		To achieve a DISTINCTION score the apprentice must achie the following:						
3	1							
Evidence relating to the UET Standard								
I12 Provide support to day-to-day users of instrumentation and control systemsS7 Communicate with and provide information and guidance to contractors, suppliers and colleagues in line with personal role and responsibilities								
 To achieve a PASS the apprentice must have evidence of: Communicating and providing information and guidance to end users Deliver a polite and courteous service to relevant people Provision of accurate verbal and written reports in line with company policy and procedures 		To achieve DISTINCTION the apprentice must achieve the pass criteria plus the following: • Evidence of explaining to others complex issue simple terms and language appropriate to the transfer.	s in					



To achieve a PASS score the ap following:	prentice must achieve ALL	of the	No distinction criteria or score are allocated to this section						
3			N/A						
Evidence relating to the UET Standard									
I13 Complete data cleansing to ensure consistent and valid data is available for business and regulation purposes									
 To achieve a PASS the apprentice Carrying out end to end testing to standard Ensuring data is captured and proformat Ensuring data is relevant and of 	o required company resented in the relevant		• N/A						



To achieve a PASS score the apprentice must achieve ALL				To achieve a DISTINCTION score the apprentice must achieve						
the following:				ALL of the following:						
6	6			3						
Evidence relating to the UET Standard										
The 12 behaviours from the UET standard are:										
Display a self-disciplined, self-motivated approach whilst recognising personal limitations and seeking advice from fact holders and										
specialists when required										
 Accept responsibility f 	Accept responsibility for work of self or others									
Deliver a polite, courteous professional service to customers and members of the public										
 Work effectively and s 	safely when underta	king tasks to approve	ed star	ndards and safe working practices as	part of a team, working alon	e or				
with appropriate supe	rvision									
 Undertake and comple 	ete work in a way th	at contributes to sust	tainabl	e development						
Be risk aware and mir	nimise risks to life, p	property and the envir	onmei	nt when undertaking work activities						
Be quality focussed as										
• Identify, organise and use resources effectively to complete tasks, with consideration for cost, quality, safety, security and environmental										
impact	impact									
 Accept, allocate and s 	supervise technical	and other tasks								
Be aware of the needs	s and concerns of o	thers, especially whe	re rela	ited to diversity and equality						
Carry out and record (CPD necessary to n	naintain and enhance	comp	petence						
 Exercise responsibiliti 	es in an ethical mar	nner								
				To achieve DISTINCTION the ar	prentice must achieve					
To achieve a PASS the apprentice must have evidence of:										
				and pade sintend place structures c	are rene ming.					
Achieving tasks withir	n personal area of re	esponsibility		Establishing and continuously makes and continuously makes are also as a second c	naintaining effective working					
•	•			•	iamiaming offociate morning					
		Janey 101 OWII		•	tion style and methods to					
					,					
 Carry out and record CPD necessary to maintain and enhance competence Exercise responsibilities in an ethical manner To achieve a PASS the apprentice must have evidence of: To achieve DISTINCTION the apprentice responsibilities in an ethical manner										



	Responding to all customer requests promptly and		Always being tactful, considerate, fair and respectful in	
			·	
	interacting with them in a courteous and co-operative	Ш	dealing with others	
	manner			
•	Consistently following policies and procedures, taking			
	personal responsibility for their own health, safety & security			
	and that of anyone who may be affected by their actions	Ш		
	· · · · · · · · · · · · · · · · · · ·			
•	Appreciating how the role can impact the environment			
•	Complying with standard operating practices and being			
	aware of the impact of changing circumstances on an			
	activity			
	Taking responsibility for own performance achieving			
	·			
	required standards	ш		
•	Ensuring tasks are understood and the outline plan is clear			
	to follow			
•	Establishing and maintaining rapport with others	Ш		
•	Understanding the importance of maintaining personal			
	competence and recording progress	Ш		
•	Acting in a fair and honest manner and trying 'to do the right			
	thing' most of the time			



Total Points (maximum 100)		um points achieve a		quired	Minimum _I	points scor	e required to ac	hieve Distinction	
100	70				85				
Total Points (maximum 100)	Actua	l points ac	hieve for	a Pass	Actual poi	nts achieve	e for Distinction		
	•								
	You are required to provide details of how you arrived at the assessment decision recorded above based on the evidence provided by the apprentice in the Portfolio / Work Log.								
Fail			Pass				Distinction		
Full Name of Technical Expert				Signature	of Technica	l Evnert		Date	
T dil Name or Teorimoar Expert				Oignature	or recillica	Lypert		Date	

