

Full Name of Apprentice	Full Name of Technical Expert
To achieve a PASS score the apprentice must achieve ALL of the 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 regulations S2 Follow and comply with industry health and safety and enviror S10 Adhere to safe working practices and procedures and carry 	nmental 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 in relation to company practices and quality procedures 	
Conform to risk assessment process in relation to company practices and procedures	
 Knowledge of and compliance with company standards and procedures as applicable e.g. COSHH, PPE, confined spaces working at height, isolation of plant and equipment etc 	s,
Compliance with environmental regulations and standards e.c correct disposal of wastes	3.



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					
 K2 Maintenance practices, processes and procedures covering a range of waste and water systems, plant and equipment K5 Planned, reactive, and predictive maintenance processes, practices and procedures S4 Carry out maintenance activities on a range of waste and water systems, plant and equipment S6 Carry out and follow planned, reactive, and predictive plant and equipment maintenance procedures 						
 Knowledge of where to access of maintenance practices, processed. Applying company maintenance procedures when carrying out tated. Completion of maintenance task the whole range of work processed. Understanding of relevant parametrie equipment works. Record & report outcomes of maintenance of maintenance. 	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	derpinning theories of how e that downtime is no of the rationale for their		



To achieve a PASS score the apprentice must achieve ALL of the following:		_ of	To achieve a DISTINCTION scornust 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					
 K4 Principles and processes that underpin the location, diagnosis S3 Locate, diagnose and rectify faults on plant and equipment To achieve a pass the apprentice must have evidence of: Knowledge of fault-finding techniques Locating, identifying and rectifying faults Consulting and working with others to investigate, identify and resolve cause of the problem Understanding of relevant operating parameters of any equipment and how the equipment works 			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		
S45 Carry out isolation procedures	to ensure process or system s	tability	and personnel safety when carrying	out operations	
To achieve a PASS the apprentic	ce must have evidence of:		To achieve DISTINCTION the a	pprentice must achieve	
			the pass criteria plus the followi	ng:	
Identifying hazards and risks and	d apply control measures				
Safely isolate equipment from all	I sources of energy		Take a leading role in the appli	cation of isolations	
Test to confirm equipment has be	een isolated				
Follow company isolation proceed	dures				
		_			



To achieve a PASS score the apprentice must achieve ALL the following:		_ of	No distinction criteria or score are allocated to this section
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 li 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	ndard					
 S13 Install, maintain, replace and commission equipment and components as required S14 As required, undertake standby duties to provide 24-hour cover to remedy fault situations requiring diagnostic testing procedures S8 Handover and confirm completion of engineering activities 						
To achieve a PASS the apprention	ce must have evidence		To achieve DISTINCTION the app	rentice must achieve the		
 Of: Complete dynamic risk assessr Install, maintain, replace and complete engineering activities equipment Follow company completion and recolleagues Refer to technical drawings to complete to the engineering activities equipment Follow company completion and recolleagues Refer to technical drawings to complete to the engineering of the engineering activities of the engineering activities equipment Provide an explanation of the engineering activities equipment Provide an explanation of the engineering activities equipment If required, demonstrates a willing priority out of hours work activities equipment Provide an explanation of the engineering activities equipment 	ommission equipment and handing over d handover procedures. nandover information to confirm specification angness to undertake ies azards of working alone		 Provide evidence of an action y improved the performance and equipment 	• •		



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:			
4			2		
Evidence relating to the UET Sta	ndard				
S35 Apply theories and principles o	f electronics to use equipmer	nt to carr	y out diagnostic fault-finding proced	ures	
S35 Apply theories and principles of electronics to use equipment to call To achieve a PASS the apprentice must have evidence of: • Knowledge of instrument and control theories and principles for diagnostic fault finding • Apply knowledge gained to identify faults • Reinstatement of plant to operational condition • Use company recording and reporting procedures			 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 the following:		₋ of	To achieve a DISTINCTION scornust achieve THREE of the following		
5			3		
Evidence relating to the UET Star					
S36 Maintain instrumentation and co S1 Apply technical knowledge to car		=		d control equipment	
To achieve a PASS the apprentice must have evidence of:			To achieve DISTINCTION the a achieve the pass criteria plus T I	• •	
 Maintenance of instrument and control equipment and systems. Repairing of instrument and control equipment. Identify any defects and their causes. Ensure equipment is calibrated and in date where identified. Use company recording and reporting procedures. 			 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 sco must achieve ALL of the followi				
5			3				
Evidence relating to the UET Sta	ndard						
	S37 Test and calibrate instrumentation and control equipment and circuits, and assist in installing instrumentation and control equipment S41 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				
S39 Carry out telemetry outstation and internal system configuration S43 Use standards and specifications to improve the information gathered by telemetry data S40 Identify and resolve data quality and calibration issues					
• •	e must have evidence		To achieve DISTINCTION the a achieve the pass criteria plus T V	• •	
 To achieve a PASS the apprentice must have evidence of: Correctly interpret data from process measurement devices and/or control systems to local/remote displays Configuration of telemetry outstation systems and / or internal systems Knowledge of telemetry data gathering standards and specifications Demonstrate or describe how to resolve data quality and / or calibration errors 			 Make suggestions for improven gathering. Make specification changes to with company procedures Knowledge of how to access te company systems 	nents to telemetry data	



To achieve a PASS score the apprentice must achieve ALL of following:			To achieve a DISTINCTION must achieve TWO of the fo				
5			3				
Evidence relating to the UET Star	ndard						
S42 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 S38 Use Instrumentation and Control Systems knowledge and skills to install, maintain and dismantle instruments, controllers, probes, attachments, cabling, meters and display units S44 Inspect and maintain security equipment, telecommunication devices and alarm systems							
To achieve a PASS the apprentic	e must have evidence of:		To achieve distinction the appropriate plus TWO of the				
 Select and set up appropriate calie Repairing, maintaining, dismantling instrumentation Correctly install, maintain and disequipment, including THREE of the Pressure transmitters Temperature transmitters Flow transmitters Analy Check for alarm/trip functionality and appropriate of the pressure transmitters On completion of work re-commissions 	mantle a range ICA ne following: evel transmitters • Control valves sers and as required, security of area specification		 Research of and recommente technology Knowing their levels of resthe implementation of cha Analysing past history of facause of the problem Identification of spares usa 	endation for use of new sponsibility is relation to nges to program logic ault to establish the root			
 operational service Use company recording and repo Understanding the importance of and the procedures to follow 	- ·						



To achieve a PASS score the app the following:	orentice must achieve ALL		o achieve a DISTINCTION sco ne following:	ore the apprentice must	achieve		
3		1					
Evidence relating to the UET Star	ndard						
S46 Provide support to day-to-day us	sers of instrumentation and co	ontrol syst	ems				
S7 Communicate with and provide information and guidance to contractors, suppliers and colleagues in line with personal role and responsibilities							
To achieve a PASS the apprentic	e must have evidence of:		To achieve DISTINCTION th	e apprentice must			
			achieve the pass criteria plus	s the following:			
 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 			Evidence of explaining to ot simple terms and language parties				



To achieve a PASS score the appoint 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 Sta	ndard							
S47 Complete data cleansing to ensure consistent and valid data is available for business and regulation purposes								
To achieve a PASS the apprentice must have evidence of: Carrying out end to end testing to required company standard Ensuring data is captured and presented in the relevant format Ensuring data is relevant and of the quality required			• 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			3						
Evidence relating to the UET Sta	ndard								
The 12 behaviours from the UE	T standard are:								
1	otivated approach whilst recog	gnising	g personal limitations and seeking ad	vice from fact holders and					
specialists when required	If 41								
1	Accept responsibility for work of self or others Deliver a polite, courteous professional service to customers and members of the public								
1			•	nort of a toom working alon	o or				
 Work effectively and safely whe with appropriate supervision 	n undertaking tasks to approve	eu Star	ndards and safe working practices as	s part of a team, working alon	e oi				
 Undertake and complete work ir 	a way that contributes to sust	tainab	le development						
•	•		•						
with consideration for cost, qual				, ,	,				
Accept, allocate and supervise t	echnical and other tasks								
Be aware of the needs and cond	cerns of others, especially whe	re rela	ated to diversity and equality						
Carry out and record CPD nece	Carry out and record CPD necessary to maintain and enhance competence								
Exercise responsibilities in an ethical manner									
To achieve a PASS the apprention	ce must have evidence of:		To achieve DISTINCTION the ap	oprentice must achieve					
			the pass criteria plus evidence o	•					
Achieving tasks within personal	area of responsibility		the pass chiena plus evidence o	i tile lollowing.					
Willingly accepting ownership as	nd responsibility for own		 Establishing and continuously m 	naintaining effective working					
work and that of others			relationship	iamaming oncoure working					
Responding to all customer requ	stomer requests promptly and Stomer requests promptly and Style and meth								
interacting with them in a courte	ous and co-operative		suit the situation	,					
manner									



•	Consistently following policies and procedures, taking		•	Always being tactful, considerate, fair and respectful in	
	personal responsibility for their own health, safety & security			dealing with others	
	and that of anyone who may be affected by their actions				
•	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	Ш			
•	Establishing and maintaining rapport with others				
•	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)	Minimum points score required to achieve a Pass		Minimum	Minimum points score required to achieve Distinction							
100	70			85							
Total Points (maximum 100)	Actua	Actual points achieve for a Pass		s Actual po	Actual points achieve for Distinction						
You are required to provide deby the apprentice in the Portfo				sessment dec	ision recor		d on the evidenc	e provided			
Fail			Pass			Distinction					
Full Name of Tachnical Export			Signa	ture of Tooksis	al Evport		Date				
Full Name of Technical Expert			Signa	ture of Technic	aı Expert		Date				