

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 regulations, anS2 Follow and comply with industry health and safety and environmentS10 Adhere to safe working practices and procedures and carry out re	ental 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	
Compliance with environmental regulations and standards e.g. correct disposal of wastes	



		To achieve a DISTINCTION score the apprentice must achieve ALL of the following:				
6			3			
Evidence relating to the UET Star	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. 	ompany information on es and procedures practices, policies and sks s in a timely manner across es, systems and equipment. neters of equipment and how		 To achieve DISTINCTION the appropriate pass criteria and ALL of the following pass 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 by approximation of the under the pass of the pass	rmance achieved and erpinning theories of how e that downtime is as of the rationale for their		



To achieve a PASS score the apprentice must achieve ALL of t following:		the	To achieve a DISTINCTION smust achieve ALL of the follo		
6			3		
Evidence relating to the UET Sta	ndard				
K4 Principles and processes that ur S3 Locate, diagnose and rectify faul	•	nd rectif	ication of faults		
E10Carry out basic fault diagnosis of	• • •	ers (PL0	C) and Supervisory Control and D	ata Acquisition (SCADA) syste	ms
 Knowledge of fault-finding techn Locating, identifying and rectifyir equipment. This should include, following: PLC's SCADA MCC Panels Power Distribution Boards Consulting and working with other resolve cause of the problem Understanding of relevant operate equipment and how the equipment 	iques ng faults on electrical but is not limited to one of the ers to investigate, identify and ting parameters of any		 To achieve DISTINCTION the a pass criteria plus ALL of the following. Demonstration of independe to fault find and rectify diagn Proposing solutions to preven problem 	owing: ent use of root cause analysis osed faults	



To achieve a PASS score the apprentice must achieve ALL of the following:		the	To achieve a DISTINCTION smust achieve ALL of the follo	• •	
4			2		
Evidence relating to the UET Stand	dard				
S5 Use workshop machinery and equi	·	dify co	mponent and apparatus		
 To achieve a PASS the apprentice mu Using workshop machinery to creat components. This could include: Drills Grinders Bearing heaters and/or pullers Hydraulic press Test bench Other Understanding of relevant parameters the equipment works. 	ate, repair and modify		 To achieve DISTINCTION the appass criteria plus the following: Provide evidence of a piece of created, repaired and modified operational condition. This conto: Cable tray fabrication/rep Bearing replacement Support brackets Other 	of equipment that you have ed and returned to buld include but is not limited	



To achieve a PASS score the apprentice must achieve ALL of the following:		the	To achieve a DISTINCTION s must achieve the following:	core the apprentice	
6			4		
Evidence relating to the UET Sta	ndard				
S11 Carry out safe isolation of equip	oment, using permit and lock-off	system	s as required		
 Identifying hazards and risks and Safely isolate equipment from al Test to confirm equipment has b Follow company isolation proced 	d apply control measures. I sources of energy. een isolated.		To achieve DISTINCTION the appass criteria plus the following: Take a leading role in the ap		



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3			N/A
Evidence relating to the UET Star	ndard		
S12 Drive vehicles equipped with to	ols and materials to job sites		
 Full driving licence or demonstratowards achieving a full driving licence or demonstratowards. Complying with company driving Carry out vehicle checks. Safely load vehicles. 	ite progress to working cence.		• N/A



To achieve a PASS score the apprentice must achieve ALL of the following:		f the	To achieve a DISTINCTION smust achieve the following:	score the apprentice	
5			2		
Evidence relating to the UET Sta	ndard				
 S13 Install, maintain, replace and commission equipment and components as required E8 Install and connect electrical cables, switchgear, circuit breakers, motors, transformers and other associated equipment S8 Handover and confirm completion of engineering activities E6 Interpret electrical drawings to install, position or re-locate electrical equipment and cabling 					
 Complete dynamic risk assessm Install, maintain, replace and cor Complete engineering activities Follow company completion and Communicate completion and had colleagues Refer to technical drawings to cor 	ents (where applicable) mmission equipment and handing over equipment handover procedures andover information to		To achieve DISTINCTION the a pass criteria plus the following: • Provide evidence of an actio improved the performance a equipment	n you have applied that	



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 Standard					
E4 Use electrical theories and principals to use test equipment for, voltage, current and earth resistance testing to maintain the integrity of the electrical system					
 Knowledge of electrical theories fault finding. Understand the capabilities and Apply knowledge gained to ident Reinstatement of plant to operation Use company recording and report 	and principles for diagnostic limitations of test equipment. ify faults. ional condition.		 To achieve DISTINCTION the appropriate plus ALL of the follows: Demonstrate an understanding analysing past history on faults: Demonstrate an understanding analysing data over an extended reliable results. 	ving: y of the benefits of s. y of the benefits of	



To achieve a PASS score the apprentice must achieve ALL of the following:			To achieve a DISTINCTION score must achieve THREE of the follow	• • • • • • • • • • • • • • • • • • • •	
5			3		
Evidence relating to the UET Sta	ndard				
E1 Inspect and monitor electrical systems, and inspect, monitor, maintain and repair electrical equipmentE3 Access a range of sites to install, maintain, test, repair and dismantle electrical equipment.S1 Apply technical knowledge to carry out inspections, condition monitoring and reporting					
 Maintenance of electrical equipments Repairing of electrical equipments Identify any defects and their case Ensure equipment is calibrated as Use company recording and report 	nent and circuits t uses and in date where identified		 To achieve distinction the apprent criteria plus THREE of the following. Raising appropriate follow on data from inspections / data means and problems not specified in scope. Identify root cause of a detect recommendations for solutions. Identification of spares. 	work requests based on nonitoring take actions to rectify see of work and provide	



To achieve a PASS score the apprentice must achieve ALL of the following:		To achieve a DISTINCTION sco must achieve ALL of the following		
5		3		
Evidence relating to the UET Star				
E2 Test electrical equipment and sys E7 Test service and repair electrical To achieve a PASS the apprentice m	equipment as part of planned p	• •	· •	
 Examples of testing, calibration a Identification of correct materials Follow installation procedures for equipment Install new electrical equipment a 	for the task r installing electrical	 Understand the impact the unwould have on production Analyse and evaluate defects Make recommendations to in 	navailability of equipment s and their causes	



To achieve a PASS score the apprentice must achieve ALL of the following:			To achieve a DISTINCTION so must achieve ALL of the follow	• •	
5			2		
Evidence relating to the UET Standard E9 Carry out electrical procedures on industrial low voltage systems (up to 1000v AC) operating switchgear, fuses, motor control centres, transformers, manual & automatically controlled drives and motors					
 Demonstrate and apply the approversion of the second of the	per must have evidence of: popriate techniques when poment to work on the en working on electrical		To achieve DISTINCTION the the pass criteria plus ALL of the Demonstrate a detailed skill as principals of electrical equipme. • Demonstrate an in-depth known inspection to be applied to electrical.	e following: nd understanding in the ent wledge of the level of	



To achieve a PASS score the apprentice must achieve ALL of the following:			To achieve a DISTINCTION so must achieve ALL of the follow			
3			2			
Evidence relating to the UET State						
S9 Read, understand and interpret computer data and displays, and work to technical specifications and supporting documentation E5 Consult design specifications to analyse and calculate electrical system parameters and rectification procedures						
To achieve a PASS the apprentic	ce must have evidence of:		To achieve DISTINCTION the	apprentice must achieve		
Select appropriate test equipment	nt		the pass criteria plus ALL of th	e following:		
 Correctly set up monitoring equipment and identifying non compliances could include but is not limited to MCC panels Power distribution boards Other The tests should include checking 	to electrical equipment. This		 Research of and recommendate technology Knowing their levels of responsimplementation of changes to 	nsibility is relation to the		
of THREE of the following condit Current Continuity Earth resistance Voltage Frequency	• •					
 On completion of work re-commit operational service. Use company recording and report 	• •					



To achieve a PASS score the apprentice must achieve ALL of the following:		the	To achieve a DISTINCTION score the apprentice must achieve the following:					
3			1					
S7 Communicate with and provide information and guidance to contractors, suppliers and colleagues in line with personal role and								
responsibilities					_			
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 a pass criteria plus the following: Evidence of explaining to oth simple terms and language a parties. 	ners complex issues in				



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Evidence relating to the UET Sta	ndard						
\$14 As required, undertake standby duties to provide 24 hour cover to remedy fault situations requiring diagnostic testing procedures							
 If required, demonstrates a willing out of hours work activities Provide an explanation of the ham hours in line with the company period 	gness to undertake priority zards of working alone out of		• N/A				



To achieve a PASS score the apprentice must achieve ALL of		To achieve a DISTINCTION score the apprentice							
the following:		must achieve ALL of the following:							
6			3 🗆						
Evidence relating to the UET Sta	ndard								
The 12 behaviours from the UE	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 for work of 	self or others								
Deliver a polite, courteous profe	ssional service to customers a	nd me	mbers of the public						
Work effectively and safely when	n undertaking tasks to approve	ed stan	dards and safe working practices as	s part of a team, working alone	or				
with appropriate supervision									
 Undertake and complete work ir 	n a way that contributes to sust	tainable	e development						
Be risk aware and minimise risk	s to life, property and the envir	onmen	nt when undertaking work activities						
Be quality focussed and professional in work and in personal standards									
• Identify, organise and use resources effectively to complete tasks, with consideration for cost, quality, safety, security and environmental									
•	impact Accept, allocate and supervise technical and other tasks								
 Be aware of the needs and concerns of others, especially where related to diversity and equality 									
Exercise responsibilities in an ethical manner									
•									
To achieve a PASS the apprention	ce must have evidence of:		To achieve DISTINCTION the a	pprentice must achieve					
			the pass criteria plus ALL of the	e following:					
Achieving tasks within personal	area of responsibility			· ·					
 Willingly accepting ownership are 	·		Establishing and continuously in the stable in the st	maintaining effective working					
and that of others	,		relationship	gg					



•	Responding to all customer requests promptly and			Effectively adapting communication style and methods to	
	interacting with them in a courteous and co-operative			suit the situation	
					Ш
	manner		•	 Always being tactful, considerate, fair and respectful in 	
•	Consistently following policies and procedures, taking			dealing with others	
	personal responsibility for their own health, safety & security				
	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				
•	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				
•	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 re to achieve a Pass		quired	Minimum points score required to achieve Distinction					
100	70				85					
Total Points (maximum 100)	Actua	al points ac	chieve for	a Pass	Actual poi	nts achiev	e for Distinction			
	1				1					
You are required to provide de	tails of	how you a	arrived at t	he asses	sment deci	sion rec <u>or</u>	ded above b <u>ase</u>	d on the evidenc	e provided	
by the apprentice in the Portfo										
Fail			Pass				Distinction			
		1					1		1	
Full Name of Technical Expert				Signatur	e of Technic	cal Expert		Date		

