

Full Name of Apprentice	Full Name of Technical Expert			
To achieve a <b>PASS</b> score the ap following:	prentice must achieve <b>ALL</b> of th	the No distinction criteria or score are allocated to this section		
6		N/A		
Evidence relating to the UET Sta	ndard			
<ul> <li>6</li> <li>Evidence relating to the UET Standard</li> <li>K1 Relevant industry health and safety standards and regulations, ar S2 Follow and comply with industry health and safety and environmet S10 Adhere to safe working practices and procedures and carry out To achieve a pass the apprentice must have evidence of:</li> <li>Knowledge of where to access and how to apply industry Health, Safety &amp; Environmental standards and regulations in relation to company practices and quality procedures.</li> <li>Conform to risk assessment process in relation to company practices and procedures.</li> <li>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</li> <li>Compliance with environmental regulations and standards e.g.</li> </ul>		ntal working practices and regulations		



			To achieve a <b>DISTINCTION</b> score the apprentice must achieve <b>ALL</b> of the following:			
6			3			
Evidence relating to the UET Sta						
<ul> <li>K2 Maintenance practices, processes and procedures covering a range of waste and water systems, plant and equipment</li> <li>K5 Planned, reactive, and predictive maintenance processes, practices and procedures</li> <li>S4 Carry out maintenance activities on a range of waste and water systems, plant and equipment</li> <li>S6 Carry out and follow planned, reactive, and predictive plant and equipment maintenance procedures</li> </ul>						
<ul> <li>To achieve a pass the apprentice m</li> <li>Knowledge of where to access of maintenance practices, process</li> <li>Applying company maintenance procedures when carrying out ta</li> <li>Completion of maintenance task the whole range of work process</li> <li>Understanding of relevant parant the equipment works.</li> <li>Record &amp; report outcomes of maintenance of maintena</li></ul>	aust have evidence of: company information on es and procedures. practices, policies and asks. as in a timely manner across ses, systems and equipment. neters of equipment and how		<ul> <li>To achieve distinction the appropriate pass criteria and ALL of the former pass criteria and lessons learnt.</li> <li>Detailed explanation of the of how the equipment work</li> <li>Able to prioritise work to erminimised and give explant for their choice(s). This could applying 2 of the following: <ul> <li>Solving problems</li> <li>Making suggestions</li> <li>Dealing with conflict</li> </ul> </li> </ul>	ollowing: performance achieved e underpinning theories ks nsure that downtime is nations of the rationale uld be achieved by		



To achieve a <b>PASS</b> score the apprentice must achieve <b>ALL</b> of the following:			To achieve a <b>DISTINCTION</b> score the apprentice must achieve <b>ALL</b> of the following:				
6			3				
Evidence relating to the UET Standard							
<b>K4</b> Principles and processes that underpin the location, diagnosis and rectification of faults <b>S3</b> Locate, diagnose and rectify faults on plant and equipment							
To achieve a pass the apprentice m	ust have evidence of:		To achieve distinction the apprentice must achieve the				
Knowledge of fault finding techni	ques.		pass criteria plus <b>ALL</b> of the fo	U U			
Locating, identifying and rectifyir	g faults.		Demonstration of independ				
<ul> <li>Consulting and vorking with others to investigate, identify and resolve cause of the problem.</li> <li>Understanding of relevant operating parameters of any equipment and how the equipment works.</li> </ul>			<ul> <li>analysis to fault find and re</li> <li>Proposing solutions to pre- the problem.</li> </ul>				



			To achieve a <b>DISTINCTION</b> score the apprentice must achieve <b>ALL</b> of the following:		
4			2		
Evidence relating to the UET Sta	ndard				
<b>S5</b> Use workshop machinery and ec	uipment to create, repair and mo	odify con	nponent and apparatus		
<ul> <li>To achieve a pass the apprentice m</li> <li>Using workshop machinery to cr components. This could include:</li> <li>Drills</li> <li>Grinders</li> <li>Grinders</li> <li>Bearing heaters and/or pulle</li> <li>Hydraulic press</li> <li>Test bench</li> <li>Other</li> <li>Understanding of relevant paramethe equipment works.</li> </ul>	eate, repair and modify rs 🗌		<ul> <li>To achieve distinction the app pass criteria plus the following</li> <li>Provide evidence of a piece have created, repaired and operational condition. This limited to: <ul> <li>Bearing replacement [</li> <li>Shaft/key repairs ]</li> <li>Support brackets ]</li> <li>Other ]</li> </ul> </li> </ul>	: e of equipment that you l modified and returned to could include but is not	



			To achieve a <b>DISTINCTION</b> score the apprentice must achieve the following:		
6			3		
Evidence relating to the UET Sta	ndard				
<b>S11</b> Carry out safe isolation of equip	oment, using permit and lock-off sy	ystems a	as required		
<ul> <li>To achieve a pass the apprentice m</li> <li>Identifying hazards and risks and</li> <li>Safely isolate equipment from al</li> <li>Test to confirm equipment has b</li> <li>Follow company isolation proceed</li> </ul>	d apply control measures. I sources of energy. peen isolated.		To achieve distinction the appr pass criteria plus the following • Take a leading role in the a	:	



To achieve a <b>PASS</b> score the apprentice must achieve <b>ALL</b> of the following:			No distinction criteria or score are allocated to this section
3			N/A
Evidence relating to the UET Sta	ndard		
S12 Drive vehicles equipped with to	ols and materials to job sites		
<ul> <li>To achieve a pass the apprentice m</li> <li>Full driving licence or demonstratowards achieving a full driving l</li> <li>Complying with company driving</li> <li>Carry out vehicle checks.</li> <li>Safely load vehicles.</li> </ul>	ate progress to working icence.		• N/A



To achieve a <b>PASS</b> score the apprentice must achieve <b>ALL</b> of following:			To achieve a <b>DISTINCTION</b> must achieve the following:	I score the apprentice				
4			2					
Evidence relating to the UET Sta	ndard							
M5 Use mechanical knowledge and S8 Handover and confirm completio	<ul> <li>S13 Install, maintain, replace and commission equipment and components as required</li> <li>M5 Use mechanical knowledge and skills to install, maintain and dismantle a wide range of complex plant, machinery and components</li> <li>S8 Handover and confirm completion of engineering activities</li> <li>To achieve a pass the apprentice must have evidence of:</li> <li>To achieve distinction the apprentice must achieve the</li> </ul>							
<ul> <li>Complete dynamic risk assessm</li> <li>Install, maintain, replace and cor</li> <li>Complete engineering activities</li> <li>Follow company completion and</li> <li>Communicate completion and had colleagues.</li> </ul>	ents (where applicable) mmission equipment. and handing over equipment. handover procedures.		<ul> <li>pass criteria plus the following</li> <li>Provide evidence of an act that improved the performance plant and equipment.</li> </ul>	: ion you have applied				



To achieve a <b>PASS</b> score the apprentice must achieve <b>ALL</b> of the following:			To achieve a <b>DISTINCTION</b> score the apprentice must achieve <b>ALL</b> of the following:			
4			2			
Evidence relating to the UET Standard						
M1 Apply mechanical theories and p	principles in order to carry out dia	ignostic f	fault finding procedures			
<ul> <li>Evidence relating to the UET Standard</li> <li>M1 Apply mechanical theories and principles in order to carry out diagonal to achieve a pass the apprentice must have evidence of: <ul> <li>Knowledge of mechanical theories and principles for diagnostic fault-finding.</li> <li>Understand the capabilities and limitations of test equipment.</li> <li>Apply knowledge gained to identify faults.</li> <li>Reinstatement of plant to operational condition.</li> <li>Use company recording and reporting procedures.</li> </ul> </li> </ul>			<ul> <li>To achieve distinction the appropriate pass criteria plus evidence</li> <li>Demonstrate an understant analysing past history on fats</li> <li>Demonstrate an understant analysing data over an ext more reliable results.</li> </ul>	e of: nding of the benefits of aults. nding of the benefits of		



To achieve a <b>PASS</b> score the apprentice must achieve <b>ALL</b> of the following:			To achieve a <b>DISTINCTION</b> score the apprentice must achieve <b>THREE</b> of the following:			
5			3			
Evidence relating to the UET Sta	ndard					
<ul> <li>M2 Inspect and monitor mechanical systems, and inspect, monitor, maintain, dismantle and repair mechanical equipment and components</li> <li>M10 Inspect and maintain condition monitoring equipment</li> <li>S1 Apply technical knowledge to carry out inspections, condition monitoring and reporting</li> </ul>						
<ul> <li>To achieve a pass the apprentice maintenance of mechanical equip</li> <li>Repairing of mechanical equipm</li> <li>Identify any defects and their care</li> <li>Ensure equipment is calibrated a</li> <li>Use company recording and report</li> </ul>	pment and systems. ent. uses. and in date where identified.		<ul> <li>pass criteria</li> <li>Raising a on data fr</li> <li>Identify ne rectify pro</li> <li>Identify recommendation</li> </ul>	plus <b>THREE</b> of the ppropriate follow om inspections / on-compliances a	on work requests based data monitoring. and take actions to fied in scope of work. tect and provide	



To achieve a <b>PASS</b> score the apprentice must achieve <b>ALL</b> of the following:		To achieve a <b>DISTINCTION</b> score the apprentice must achieve <b>ALL</b> of the following:					
5			3				
Evidence relating to the UET Sta	ndard						
<ul> <li>M3 Test mechanical equipment and systems and assist in installing mechanical systems and equipment</li> <li>M8 Test, service and repair mechanical equipment as part of a planned preventative maintenance and / or reactive maintenance programmes</li> <li>M9 Install and maintain mechanical components including motors, pumps and gearboxes, maintaining and replacing lubricants</li> <li>M7 Interpret plans and drawings to install, position or re-locate mechanical equipment and components</li> </ul>							
<ul> <li>To achieve a pass the apprentice m</li> <li>Examples of testing, calibration a</li> <li>Identification of correct parts and</li> <li>Follow installation procedures for equipment.</li> <li>Install new mechanical equipme specification.</li> <li>Refer to technical drawings to construct the specification of the specif</li></ul>	and validation methods. d materials for the task. r installing mechanical nt and systems to		<ul> <li>To achieve distinction the app pass criteria plus ALL of the formation of the impact the equipment would have on</li> <li>Analyse and evaluate deference</li> <li>Make recommendations to the provide the equipment of the equipment of the equipment of the equipment of the equipment would have on</li> <li>Analyse and evaluate deference</li> </ul>	ollowing: unavailability of production. ects and their causes			



			To achieve a <b>DISTINCTION</b> score the apprentice must achieve <b>ALL</b> of the following:		
4			2		
Evidence relating to the UET Sta	ndard				
M4 Basic fabrication and welding of	structures and components				
<ul> <li>To achieve a pass the apprentice m</li> <li>Demonstrate basic welding skills</li> <li>Demonstrate basic fabrication sl</li> <li>Evidence could include:</li> <li>Photos </li> <li>Technical specifications </li> <li>Witness testimony </li> </ul>	s to meet specification.		<ul> <li>To achieve distinction the app pass criteria plus ALL of th</li> <li>Demonstrate higher let</li> <li>Demonstrate skills acrewelding techniques</li> </ul>	ne following: vels of fabrication skills	



To achieve a <b>PASS</b> score the apprentice must achieve <b>ALL</b> of the following:		f the	To achieve a <b>DISTINCTION</b> score the apprentice must achieve <b>ALL</b> of the following:			nust
5				3		
Evidence relating to the UET Sta	ndard					
S9 Read, understand and interpret computer data and displays, and work to technical specifications and supporting documentation M6 Consult design specifications to analyse and calculate mechanical system parameters and rectification procedures						
To achieve a pass the apprentice m	ust have evidence of:		То	achieve distinction the app	rentice must achieve the	
Select appropriate test equipme	nt.			pass criteria plus ALL of th	ne following:	
Correctly set up monitoring equi	pment for testing, inspecting		•	• Research of and recommendation for use of new		
and identifying non compliances	to mechanical equipment			technology.		
including 4 of the following:			•	Analysing past history of fa	aults to establish the root	
<ul> <li>∨ibration □</li> </ul>				cause of the problem		
○ Pressure □						
<ul> <li>Contamination </li> </ul>						
○ Purity □						
○ Level 🗌						
○ Flow □						
On completion of work re-comm	ission equipment into					
operational service.						
Use company recording and rep	orting procedures.					



To achieve a <b>PASS</b> score the apprentice must achieve <b>ALL</b> of the following:			To achieve a <b>DISTINCTION</b> score the apprentice must achieve the following:			
3			1			
Evidence relating to the UET Sta	ndard					
<b>S7</b> Communicate with and provide in responsibilities	<b>S7</b> Communicate with and provide information and guidance to contractors, suppliers and colleagues in line with personal role and responsibilities					
<ul> <li>To achieve a pass the apprentice must have evidence of:</li> <li>Communicating and providing information and guidance to end users.</li> <li>Deliver a polite and courteous service to relevant people.</li> <li>Provision of accurate verbal and written reports in line with company policy and procedures.</li> </ul>		<ul> <li>To achieve distinction the apprentice must achieve the pass criteria plus the following:</li> <li>Evidence of explaining to others complex issues in simple terms and language appropriate to the third parties.</li> </ul>				



To achieve a <b>PASS</b> score the apprentice must achieve <b>ALL</b> of the following:			o distinction criteria or score are allocated to this section
3			N/A
Evidence relating to the UET Sta	ndard		
S14 As required, undertake standby	duties to provide 24 hour cove	er to remed	dy fault situations requiring diagnostic testing procedures
<ul> <li>To achieve a pass the apprentice must have evidence of:</li> <li>If required, demonstrates a willingness to undertake priority out of hours work activities</li> <li>Provide an explanation of the hazards of working alone out of hours in line with the company procedures</li> </ul>			• N/A



To achieve a <b>PASS</b> score the apprentice must achieve <b>ALL</b> of		To achieve a <b>DISTINCTION</b> score the apprentice must achieve				
the following:			ALL of the following:			
6			3			
Evidence relating to the UET Stand	ard					
The 12 behaviors from the UET s	tandard are:					
<ul> <li>Display a self-disciplined, self-m specialists when required</li> </ul>	notivated approach whilst reco	ognising	g personal limitations and seeking ad	vice from fact holders and		
Accept responsibility for work of	self or others					
• Deliver a polite, courteous profe	ssional service to customers	and me	embers of the public			
<ul> <li>Work effectively and safely whe with appropriate supervision</li> </ul>	n undertaking tasks to approv	/ed star	ndards and safe working practices as	part of a team, working a	lone or	
Undertake and complete work in	n a way that contributes to su	stainab	le development			
• Be risk aware and minimise risk	s to life, property and the env	ironme	nt when undertaking work activities			
Be quality focussed and professional in work and in personal standards						
<ul> <li>Identify, organise and use resources effectively to complete tasks, with consideration for cost, quality, safety, security and environmental impact</li> </ul>						
• Accept, allocate and supervise t						
Be aware of the needs and concerns of others, especially where related to diversity and equality						
Carry out and record CPD necessary to maintain and enhance competence						
Exercise responsibilities in an ethical manner						
To achieve a <b>PASS</b> the apprenti of: • Achieving tasks within personal • Willingly accepting ownership a	area of responsibility		<ul> <li>To achieve <b>DISTINCTION</b> the ap the pass criteria plus evidence of</li> <li>Establishing and continuously m working relationship</li> </ul>	f the following: naintaining effective		
work and that of others			<ul> <li>Effectively adapting communica to suit the situation</li> </ul>	tion style and methods		



**ENERGY & UTILITIES** 

INDEPENDENT



Total Points (maximum 100)	Minimum points score required to achieve a Pass	Minimum points score required to achieve Distinction
100	70	85

Total Points (maximum 100)	Actual points achieve for a Pass	Actual points achieve 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 Technical Expert	Date