

Dear Candidate,

All Connected Competence employers, *which Ponticelli UK and Semco Maritime are – both independently, and as part of the PBS consortium) -* require their platers to verify their competence through Connected Competence technical tests.

Do you have the technical tests you need for mobilisation?

The tests shown below are a pre-employment requirement for Connected Competence employers:

TPL01 Marking out plate & structural steelwork from drawings	Book the tests you need with one of the centres below, which can provide industry-funded vouchers – meaning that you will not be charged for taking any of these tests. ABERDEEN
TPL03 Setting out platework & rolled steel section from drawings	AFST T: 01224 973900 E-mail: <u>training@afst.uk.com</u> Tullos Training T: 01224 872316 E-mail: <u>g.burnett@tullostraining.co.uk</u>
TPL08 Hot work fabrication & inspection of steelwork	NEWCASTLE 3T T: 0330 202 0569 E-mail: <u>booktraining@3tglobal.com</u>
TPF08 Fabricating & installing pipework supports	MERSEYSIDE Engineering College T: 0151 666 0318 E-mail: <u>I.cairns@theengineeringcollege.co.uk</u>

Through industry-recognised, standardised testing, **Connected Competence** assures an ongoing base level of technical competence for workers across the engineering construction industry to create a **safer**, more **competent** and **transferable** workforce across sectors.





Visit the **Connected Competence** <u>website</u> and <u>watch the video</u> below for more information:



Connected Competence is industry-led, enabled by the ECITB, and supported by Operators, Employers, HSE, OEUK, NSTA, Step Change in Safety, Scottish Government, RMT, GMT and Unite the Union.





ROLE PROFILE: PLATER

Occupational Area:	Ipational Area: Asset/Site - Plater					
Job Role Examples:	Plater, Plating Construction Trade Technician,					
	Plater - Discipline Tradesman					
Role Overview:						
Platers within the engineer	ing construction industry prepare steel and other metal plates and sections for					
the manufacture, repair, m	aintenance and dismantling of storage tanks, vessels and the other structures					
contained within oil and ga	s installations, power generating plants, chemical plants, refineries and food					
processing plants. Platers v	vork on sheet materials having a thickness greater than 3mm. Their work can					
also cover the production o	of the structural steelwork used in the construction of bridges, buildings and oil					
and gas installations. Plater	rs must be able to read and interpret engineering drawings and are skilled in					
measuring and marking out	t, cutting, forming and joining of metal plate and structural steel of varying					
thickness and size. They ma	ay then be responsible for the assembly of manufactured items; this may					
include the use of lifting eq	uipment before securing the manufactured item, usually using tack welding or					
temporary mechanical fast	eners. Platers use various methods to shape plate, pipe and sections; these					
range from the more conve	entional methods involving traditional hand skills and tools associated with					
metal craft work to more c	omplex methods which may necessitate the use of oxyfuel cutting equipment,					
plasma cutters, and hand-c	ontrolled machines.					
Knowledge & Skills:						
The plater will:						
• Have the required com	petencies to prepare steel and other metal plates and sections for the					
manufacture, repair an	d maintenance, as well as dismantling, of steel structures and components to					
the required standard,	while adhering to health, safety, environmental regulations, safe working					
practices and taking int	to account environmental and sustainability considerations.					
 Understand the relevant 	nt legislative, regulatory and local requirements or procedures and safe working					
practices, including the	ir responsibilities with regards to reporting lines and procedures.					
 Understand the prepar 	ation and reinstatement requirements in respect of the work area, materials					
and equipment, and th	e possible consequences of incorrect actions in these areas.					
Be able to read and integration	erpret relevant engineering drawings, related specifications, quality standards					
and equipment manua	and equipment manuals, and to follow work instructions and relevant plans and schedules					
Understand which tool	• Understand which tools and equipment to use, and when, and will follow relevant training methods					
and techniques and gu	ality control and safety procedures for their use.					
 Understand their response 	Understand their responsibilities for ensuring the care maintenance and security of tools and					
equipment provided to	them for use in the job role.					
 Understand the types of 	of defects that can occur, how to identify them, and what action to take					
 Be able to handle a ran 	ge of digital information, technology and equipment to support work related					
tasks and to communic	ate information					
Technical Competencies:						
TPI 01 - Marking out pl	ate and structural steelwork from drawings - safely and accurately measure					
and mark out a castella	ited beam and a plate from drawings					
• TPL03 - Setting out pla	tework and rolled steel section from drawings - safely and accurately set out					
platework and rolled st	eel section from drawings.					
• TPL08 - Hot work fabri	cation and inspection of steelwork - safely and accurately cut, drill, prepare,					
tack weld and secure 1	Omm ferrous steel haunch connection from specifications.					
• TPF08 - Fabricating and	d installing pipework supports - cold form and install pipework supports using					
bolting and clamping sy	ystems including bending techniques					



Behaviours:

- Establish and maintain effective working relationships, communicate effectively, and work inclusively to deliver work within given specifications.
- Demonstrate team working skills and interact with team members in a positive and professional manner.
- Work within an overall risk control strategy which has been developed by safety specialists and includes detailed criteria for identifying risks, together with clearly defined procedures for action which must be followed.
- Take personal ownership of, and responsibility for, completing tasks and procedures.
- Follow procedures and relevant codes of conduct with integrity and rigour and complete actions and documents accurately and honestly.
- Take responsibility for identifying and reporting instances where procedures or work instructions cannot be met or where a variation in them is required.
- Deal promptly and effectively with problems within their control and report those that have been, and those that cannot be, solved.
- Take responsibility for supervising and mentoring others where appropriate.
- Demonstrate the ability to coordinate work scopes and simultaneous operations (SIMOPs) effectively within a wider team, as required.
- Demonstrate effective handover of responsibility and equipment at the end of a task.
- Take responsibility and ownership of personal development, set targets to plan on how these will be achieved.
- Support operational requirements, achieve targets and maintain records as required, thereby minimising backlog and downtime.
- Maintain compliance with legislative requirements and company policies, procedures and standards.
- Maintain and demonstrate ongoing technical competence and skill set to current standards and updates.
- Support innovation and development for improvements



SUPPORTING NOTES: PLATER

The Connected Competence standard role profile for a Plater sets out the knowledge, skills, technical competencies and behaviours that are expected from a fully competent Plater in any sector of the Engineering Construction Industry. Once competence is first achieved through training and subsequent qualification, **regular testing** ensures that **ongoing** competence is maintained, against a recognised standard.

This supporting document highlights transferable qualifications and any additional technical requirements that maybe specific to a certain sector to support standardisation of skills and workforce transferability. It does not reference any site-specific or sector specific safety training.

Sector Specific Qualifications

Prior to embarking on the formal technical test assessment cycle, an individual would be expected to have core trade qualifications as a minimum requirement:

Кеу
Accepted - Applicable qualification for the role with no gap analysis required
Recognised - Applicable technical content, however a gap analysis maybe required for appropriate unit completion
Dependant on Employer - May or may not be recognised

Qualification Details	Offshore Oil & Gas	Onshore Oil & Gas	Wind	Nuclear
L3 Diploma in Installing Engineering Construction Plant and Systems – Plating				
OR SCQF7 Diploma in Welding Engineering Construction Plate				
L3 NVQ/SVQ/SCQF7 Diploma in: Fabricating Engineering Construction Steel				
Structures – Plating; Fabricating Engineering Construction Steel Structures –				
Plating; Welding Engineering Construction Plate; Engineering Construction				
Plating (Thick Plate and Structural Steel); Engineering Construction:				
Fabricating Steel Structures; OR Fabricating Steel Structures (Plating); Welding				
(Plate).				
L3 Plate Welder Apprenticeship OR L3 NVQ/SVQ/SCQF6/Diploma/Extended				
Diploma in: Fabrication and Welding Engineering; Engineering Technologies.				

Additional Technical Competence requirements

Given the hazardous nature of some Engineering Construction working environments, the overall risk control strategy for the organisation will usually require Platers to be familiar with, and work within, a formal Permit to Work system. Compliance with a specific company or site safety management system (SMS) will also usually be required and additional 'site-specific' technical competence will be developed on top of basic technical competence assurance. Specialist safety training may also be required as a prerequisite in addition to role specific training.

	Oil & Gas		Wind		Nuclear		CCUS		Hydrogen
•	No additional	٠	No additional	•	No additional	•	No additional	•	No additional
	technical								
	competencies								

