

### WHAT SKILLS DO PLATERS NEED?

Platers work with large sheets of metal (plates), cutting, shaping them to exact specification – to create pipes, tanks and other components used in the Engineering Construction Industry.

#### ECITB HAVE TWO OPTIONS AVAILABLE TO TRAIN PLATER LEARNERS –

- Option 1** Off the job training in an approved training centre using Off-the-Job Training Units and then returning to site for work experience using the On the Job Performance Units.
- Option 2** You deliver on the job training at your site using On-the-Job Training Units and On-the-Job Performance Units to gain work experience.

#### OFF-THE-JOB TRAINING UNITS

CO1	Contribute to effective working relationships
CO2	Work safely, minimize and comply with emergency procedures
CO3	Identify and deal with hazards in the work environment
FSS1	Shape components of fabricated steel structures by material removal using handtools
FSS2	Prepare work areas for the fabrications of steel structures (Plating)
FSS3	Prepare materials for the fabrications of steel structures (Plating)
FSS4	Prepare equipment for the fabrications of steel structures (Plating)
FSS5	Reinstate the work area after completing the fabrications of steel structures (Plating)
FSS6	Assemble components of steel fabrications to meet specifications
FSS7	Store steel structure fabrication (Plating) related resources for further use
FSS8	Manually form components to specification
QSE9	Join materials by manually controlled welding process

ECITB recommend that a new Plater learner in the Off-the-Job Training Centre undertake all Off-the-Job Training Units.

#### ON-THE-JOB TRAINING AND PERFORMANCE UNITS

PL001	PL002	PL003	PL004	PL010	PL011	PL012	PL013	PL014
PL015	PL016	PL017	PL030	PL031	PL032	PL033	PL034	

The On-the-Job Units are shown overleaf mapped against the N/SVQ Units to outline, which On-the-Job Units can contribute in the achievement of the Plater N/SVQ Level 3.

#### FUNDING DETAILS (ECITB financial assistance to levy paying companies)

The following grants are available for learners who have not yet attained craft status (N/SVQ Level 3):

N/SVQ completion grant	£7,000
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#### EXISTING CRAFTSPERSONS

Any of the On-the-Job Performance units may be used for skill enhancement of existing craftspersons. Under such circumstances a grant of £200 per unit will be paid for up to any 5 satisfactorily completed units.

**ON-THE-JOB PERFORMANCE UNITS TO SHOW WHICH PLATING UNITS CAN CONTRIBUTE EVIDENCE TO SUPPORT THE N/SVQ IN FSS (PLATING)**

<b>FSS N/SVQ UNITS</b>	1	2	3	4	5	6	7	8	QSE 9
<b>TECSkills On the Job Units</b>									
PL 001 Marking out plate, structural steelwork and pipework		✓	✓	✓✓✓	✓				
PL 002 Developing patterns for platework		✓	✓✓✓	✓	✓				
PL 003 Setting out platework and structural steelwork		✓	✓	✓	✓				
PL 004 Making templates for structural steelwork		✓	✓✓	✓	✓				
PL 010 Preparing plate edges using portable edge preparation machines	✓	✓	✓✓	✓	✓				
PL 011 Machine cutting of thick plate, bar and structural sections	✓✓✓	✓	✓✓	✓	✓				
PL 012 Producing holes by power punching	✓	✓	✓✓	✓	✓				
PL 013 Using portable edge preparation machines and power chisels	✓✓	✓		✓	✓				
PL 014 Using heat for bending, forming and straightening plate and rolled sections		✓	✓✓	✓	✓			✓✓	
PL 015 Forming thick plate	✓✓✓	✓	✓✓	✓	✓				
PL 016 Forming rolled steel sections	✓✓	✓	✓	✓	✓				
PL 017 Forming square/rectangular to round transformers	✓✓	✓	✓	✓	✓				
PL 030 Assembling square/rectangular platework		✓	✓	✓✓	✓	✓✓			
PL 031 Assembling cylindrical/conical platework		✓	✓	✓	✓	✓			
PL 032 Assembling circular tee branches		✓	✓	✓	✓	✓			
PL 033 Assembling square/rectangular to round transformers		✓	✓	✓	✓	✓			
PL 034 Assembling structural steel columns and beams		✓	✓	✓	✓	✓✓			
PL 035 Assembling composite columns and beams		✓	✓	✓	✓	✓✓✓✓			
PL 036 Assembling structural steel portal frames and roof trusses		✓	✓	✓	✓	✓✓			
PL 037 Assembling platework		✓	✓	✓	✓	✓			
PL 038 Assembling structural steelwork		✓	✓	✓	✓	✓✓✓			
QSE 9 Join materials by manually controlled welding process									✓

When there are multiple ticks in a box this indicates that the OJE Unit has different Elements that meet the N/SVQ Unit requirement.

Common Units CO1, CO2 and CO3 only have Off-the-Job Units, which are mandatory units for the N/SVQ Fabricating of Steel Structures (Plating) Level 3.

NVQ Level Requirements is made up of 10 NVQ Units (8 Mandatory Units and 2 Technical Option Units)

**Mandatory Units** CO1, 2, 3, FSS 1, 2, 3, 4, 5

**Technical Option Units** FSS 6, 7, 8, QSE 9.