



## **CERTIFICATION SCHEME FOR WELDER TRAINING ORGANISATIONS**

### **APPLICATION FORM**

This form is to be completed by the applicant Training Organisation and returned with the following additional documentation.

- 1 General description of the functions and management structure of the Training Organisation and Establishment seeking certification.
- 2 Outline training programmes (course profiles) and outcomes for the range of approval sought.
- 3 Detailed training staff CVs, including authenticated current approval certificates.

The above information should be sent to:

Company Certification Section  
TWI Certification Ltd  
Granta Park  
Great Abington  
Cambridge CB21 6AL  
United Kingdom  
Email: [companycertification@twi.co.uk](mailto:companycertification@twi.co.uk)

On receipt of the completed form, TWI Certification Ltd will provide a quotation for the assessment and certification process for your organisation.



## APPLICATION FORM

### 1 Details of the Organisation

- a) Name
- b) Headquarters address of main training organisation

- c) Telephone number

Email address

Website address

- d) Name and job title of contact for this application

- e) Address if different from above

Telephone number

Email address

- f) Please complete the below information for the training establishment(s) seeking certification approval with the training organisation listed above, plus telephone numbers and names of contacts:

Address	Telephone numbers	Contact Details: Name, Tel, Email





**2 Scope of Approval Sought**

Tick appropriate boxes:

**Note:** a tick indicates the welding process/parent metal combination(s) for which the training facilities, materials and personnel will be assessed for compliance.

2.1 Conventional welding processes/products/materials

Material	Carbon and low alloy steels	Stainless steel	Aluminium	Cu/ alloy	Ni	Other (specify)
Process:						
111 MMA Manual Metal Arc						
114 Self-shielded tubular cored arc welding						
121 SAW Submerged Arc Welding, with solid wire electrode (partly mechanized)						
125 SAW Submerged Arc Welding, with tubular cored electrode (partly mechanized)						
131 MIG Metal Inert Gas, welding with solid wire electrode						
135 MAG Metal Active Gas, welding with solid wire electrode						
136 MAG Metal Active Gas, welding with flux cored electrode						
138 MAG Metal Active Gas, welding with metal cored electrode						
141 TIG Tungsten Inert Gas, welding with solid filler material (wire/rod)						
142 Autogenous TIG Tungsten Inert Gas welding						
143 TIG Tungsten Inert Gas, welding with tubular cored filler material (wire/rod)						
145 TIG Tungsten Inert Gas, welding using reducing gas and solid filler material (wire/rod)						
15 Plasma arc welding						
311 Oxyacetylene welding						
Other fusion:						



Show the range of joint types and welding positions in which your training personnel have demonstrated competence by circling welding positions in the table below.

Material Form	Joint Type	Welding Position					
		Flat	Horizontal– Horizontal Vertical	Vertical Up	Vertical Down	Overhead	Fixed 45°
Sheet (<3mm)	Butt	PA	PC	PF	PG	PE	
	Fillet/ Overlap	PA	PB	PF	PG	PD	
Plate	Butt with backing or back-gouging	PA	PC	PF	PG	PE	
	Butt without backing or back-gouging	PA	PC	PF	PG	PE	
	Fillet	PA	PB	PF	PG	PD	
Pipe	Butt	PA Rotated	PC	PH	PG		H-L045
	Fillet	PA	PC	PF	PG	PD	

- viii) Welding of pipe provides authorisation for welding of plate within the range of positions covered by the pipe welding test. Butt weld tests do not provide authorisation for fillet weld training. For sheet and plate, separate tests shall be carried out for applicable welding position.

## 2.2 Rail Welding Processes/Products/Materials

	Group A Rail Steels	Group B Rail Steels	Group C Rail Steels	Group D Rail Steels	Group E Rail Steels	Other Rail Steels
111 MMA						
114 Self-shielded tubular cored arc welding						
131 MIG						
135 MAG						
136 FCAW						
Aluminothermic Thermit Welding (GB)						
Aluminothermic Pandrol						
Flash butt						
Gas pressure						



The categories of materials detailed in the above table comply with the groups of materials given in Network Rail Standard NR/L2/TRK/0032. The categories are as follows:

- Group A rail steels: R220 (Normal grade)  
R260 (Wear-resisting Grade A)  
UIC 700  
UIC 900A  
AREA 900A  
UIC Grade A
- Group B rail steels: R 260Mn (Wear-resisting Grade B)  
R 320Cr (110kg/mm<sup>2</sup> Cr)  
90kg/mm<sup>2</sup>  
UIC Grade B
- Group C rail steels: R 350HT  
MHT (340-370)
- Other rail steels: High Performance (HP)  
400MHH (R370CrHT)

Other steels, please specify:

2.3 Special training activities not covered above for which approval is sought (eg underwater welding):

2.4 In addition to welder training, does the organisation intend to:

1. Perform welder test/examinations: Yes No

2. Contract with TWI CL for welder examination and CSWIP Welder certification: Yes No

Note: Welder examinations may require an increased scope of assessment, including personnel competence (CSWIP Welding Examiner certification).

### 3 Access to Welding Engineering Knowledge

What access do you have to welding engineering knowledge?



**4 Training Capacity**

State the maximum capacity of your training facility as evidenced by the number of welding booths/areas available:

**5 Trainee Monitoring and Recording**

How are student details recorded and maintained.

**6 Insurance Cover**

Provide evidence of all relevant insurance cover, including employers' and public liability.

**7 Any other relevant comments you may wish to include to support your application**

**I confirm the truthfulness of the above information**

Please be aware that any incomplete or incorrect information may invalidate your certification.

Management signature:

Print Name:

Position within Company:

Date: