



Document No CSWTO-3-2002  
February 2002

## **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 – (**two** sets of all documents are required).

- 1 General description of the functions, organisation and management of the Training Organisation and Establishments seeking certification.
- 2 The Control Manual and supporting control documentation.
- 3 Outline training programmes (course profiles) and outcomes for the range of approval sought.
- 4 Appropriate public domain supporting documentation and literature
- 5 Training staff CVs, including authenticated current approval certificates.

The above information, together with the application fee as shown on the enclosed list, should be sent to:

TWI Certification Ltd  
Granta Park  
Great Abington  
Cambridge CB1 6AL  
United Kingdom

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.....  
.....  
.....

c) Telephone number.....  
Fax number.....  
Email:.....

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

e) Address if different from above .....

Telephone number.....  
Email:.....  
Fax number.....

f) Address(es) of the training establishment(s) seeking approval, plus telephone numbers and names of contacts:

Address	Telephone numbers	Contact





- i) The categories for steel and aluminium comply with those adopted in EN 287-1 and EN 287-2, covering the approval testing of welders for fusion welding of steels and aluminium alloys respectively. The categories are as follows:

- W01 Low-carbon unalloyed
- W02 Chromium-molybdenum and/or chromium molybdenum-vanadium creep-resisting steels
- W03 Fine-grained structural steels normalised, quenched and tempered
- W04 Ferritic or martensitic stainless steels, with a chromium content of 12% to 20%
- W11 Stainless ferritic-austenitic stainless chromium-nickel steels
- W21 Pure aluminium and aluminium-manganese alloys
- W22 Aluminium-magnesium alloys
- W23 Heat treatable alloys

- ii) Instructor approvals within any category W01, W02 or W03 provides certification of the training establishment for all three categories.
- iii) Separate approval is required for W04 and W11.
- iv) Instructor approvals within any category W21, W22 or W23 provides certification of the training establishment for all three categories.
- v) Approval for copper alloys covers for copper.
- vi) Approval for nickel or nickel alloys covers for all materials in this category.
- vii) Show the range of joint types and welding positions in which your training personnel have demonstrated competence by ticking appropriate boxes in the table below.

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



- viii) Welding of pipe provides authorisation for welding of plate within the range of positions covered by the tube welding test. Butt weld tests do not provide authorisation for fillet weld training. For sheet and plate, separate tests are to be carried out for each 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
MMA						
MIG/MAG and related						
Tubular cored wire						
Aluminothermic process 1						
Aluminothermic process 2						
Flash butt						
Gas pressure						

The categories of material detailed in this table comply with the groups of materials given in Railtrack document 032 (Revision 2002). The categories are as follows:

Group A rail steels: EN 200  
EN 220  
EN 260  
BS 11 Normal  
BS 11 Grade A  
UIC 700  
UIC 900A  
AREA 900A  
UIC Grade A

Group B rail steels: EN 206 Mn  
EN 320Cr  
BS 11 Grade B  
Corus 1%Cr  
90kg/mm<sup>2</sup>Cr  
110kg/mm<sup>2</sup>Cr  
UIC Grade B



Group C rail steels: EN 350 HT  
Corus 350 HT  
HT (340-370)

Other steels, please specify:

.....  
.....

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

.....  
.....

**3 Access to welding technology**

Give details of routine access to a source of welding technology.

.....  
.....

**4 Training capacity**

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

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**5 Trainee monitoring and recording**

Give details of systems in use and nature of records

.....  
.....

**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**

.....  
.....

**8 Signature of responsible person**

Signed.....

Position.....

Print name.....

Date .....