

## BRIDGING EXAMINATIONS AVAILABLE TO/FROM CSWIP

### 1. AWS

#### 1.1 CSWIP → AWS Welding Inspector

Needs to be a current CSWIP Welding Inspector and sit an examination consisting of:

- Part B which consists of 46 questions.

#### 1.2 AWS → CSWIP Welding Inspector

Needs to be a current AWS Certified Welding Inspector and sit an examination consisting of:

- Practical Part A: A visual assessment of a plate or pipe weld (as specified in CSWIP Doc. WI-6-92 to BS EN 25817, SIO 5817 Level B).
- Practical Part B: A visual assessment of a macro sample in accordance with BS EN 25817, ISO 5817 Level B Stringent.
- Theory Part A: A selection of written questions relating to the application of the code of practice to the specific sample for assessment in practical Part A.

### 2. BGAS

#### 2.1 CSWIP → BGAS Welding Inspector

Needs to be a current CSWIP Welding Inspector and:

Attend a full BGAS course or a suitable bridging course and sit an examination consisting of:

- 30 general multiple choice questions on pipeline welding inspection technology.
- Practical inspection of plate, fit ups/root runs/finished welds and fittings
- Written/oral on the requirements of TRASNCO P9.

#### 2.2 BGAS → CSWIP Welding Inspector

Needs to have held the BGAS Welding Inspector qualification for three years.

Attend a CSWIP Welding Inspector Course or a suitable bridging course\* and sit an examination consisting of:

- Theory A2, 30 general multiple choice questions
- Theory B2, four narrative questions from six
- Practical B2/C2 inspection of one plate and one macro to a code.

\*A mature candidate route offering exemption from formal training is available for candidates who are able to demonstrate at least five years recent continuous experience in welding inspection duties as indicated in Clauses 1.2.1 and 1.2.2 of Document CSWIP-WI-6-92, latest edition.

### 3. WTIA (Australia)

#### 3.1 WTIA Welding Inspector → CSWIP Welding Inspector

Needs to hold a current WTIA Welding Inspector qualification and sit an examination consisting of:

- Practical inspection of a plate or pipe
- Two macro samples
- An oral examination.

#### 4. SAIW (South Africa)

##### 4.1 SAIW Welding Fabricator Inspector Level 1 → CSWIP Welding Inspector

Needs to hold a current SAIW Welding/Fabricator Inspector Level 1 and sit an examination consisting of:

- Oral
- Pipe butt welds (Practical Part B2)
- Macros (Practical C2)

##### 4.2 SAIW Welding Fabricator Inspector Level 2 → CSWIP Senior Welding Inspector

Needs to hold a current SAIW Welding/Fabricator Inspector Level 2 and sit an examination consisting of:

- Oral
- Scrutiny of NDT reports (Practical Part A3)
- Examination of weld failures (Practical Part B3)
- Scrutiny of fabrication drawings (Practical Part C3)

#### 5. SAQCC (South Africa)

##### 5.1 SAQCC NDT → CSWIP NDT

Needs to hold a current SAQCC NDT qualification and sit an examination consisting of:

- General practical
- Specific practical relevant to the categories sought.

#### 6. FBTS (Brazil)

##### 6.1 FBTS Level 2 Welding Inspector → CSWIP Welding Inspector

Needs to hold a current FBTS Level 2 and to have the CSWIP age and experience requirements for CSWIP 3.1 Welding Inspector.

No examination is required.

##### 6.2 FBTS Level 2 Inspector → CSWIP Senior Welding Inspector

Needs to hold a current FBTS Level 2 and to have the CSWIP age and experience requirements for CSWIP Senior Welding Inspector. Attend a training course on radiographic interpretation and sit an examination consisting of:

Radiographic interpretation (written)  
Radiographic interpretation (practical)  
Scrutiny of NDT report.  
Fracture surface evaluation  
Supervisory issues.