

## BRIDGING EXAMINATIONS AVAILABLE TO/FROM CSWIP

### 1. AWS

#### 1.1 AWS → CSWIP Welding Inspector

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

- General paper – 30 multiple choice questions, time allowed 45 minutes
- Technical paper – 60 multiple choice questions, time allowed 90 minutes
- Macro, 24 multiple choice questions, time allowed 45 minutes
- Pipe, 20 multiple choice questions, plus practical , time allowed 105 minutes

### 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 pipe, fit ups/root runs/finished welds, fittings and mechanical tests.
- Written/oral on the requirements of National Grid 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:

- General paper – 30 multiple choice questions, time allowed 45 minutes
- Technical paper – 60 multiple choice questions, time allowed 90 minutes
- Macro, 24 multiple choice questions, time allowed 45 minutes
- Plate, 20 multiple choice questions, plus practical , time allowed 75 minutes

\*A mature candidate route offering exemption from formal training is available for candidates who are able to demonstrate at least ten 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:

- General paper – 30 multiple choice questions, time allowed 45 minutes
- Technical paper – 60 multiple choice questions, time allowed 90 minutes
- Macro, 24 multiple choice questions, time allowed 45 minutes
- Pipe, 20 multiple choice questions, plus practical , time allowed 105 minutes

#### 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:

- General paper – 30 multiple choice questions, time allowed 45 minutes
- Technical paper – 60 multiple choice questions, time allowed 90 minutes
- Macro, 24 multiple choice questions, time allowed 45 minutes
- Pipe, 20 multiple choice questions, plus practical, time allowed 105 minutes

##### 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:

- 30 General Multi-Choice questions covering General Welding Theory, product technology and NDT, time allowed 45 minutes
- Scrutiny of NDT reports (Practical Part A3), time allowed 60 minutes
- Examination of weld failures (Practical Part B3), time allowed 60 minutes
- Scrutiny of fabrication drawings (Practical Part C3), time allowed 60 minutes

#### 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. Canadian Welding Bureau

##### 6.1 Canadian Welding Inspector Level 1

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

- Inspection of a plate butt weld, time allowed 75 minutes.

##### 6.2 Canadian Welding Inspector Level 2

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

- 30 General paper – 30 multiple choice questions, time allowed 45 minutes
- Technical paper – 60 multiple choice questions, time allowed 90 minutes
- Pipe, 20 multiple choice questions, plus practical , time allowed 105 minutes
- Plate, 20 multiple choice questions, plus practical, time allowed 75 minutes
- Macro, 24 questions, time allowed 45 minutes

##### 6.3 Canadian Welding Inspector Level 3

Needs to hold a current CWB Welding Inspector Level 3 and sit an examination consisting of:

- 30 General Multi-Choice questions covering General Welding Theory, product technology and NDT, time allowed 45 minutes
- Scrutiny of NDT reports (Practical Part A3), time allowed 60 minutes
- Examination of weld failures (Practical Part B3), time allowed 60 minutes
- Scrutiny of fabrication drawings (Practical Part C3), time allowed 60 minutes