

Welding Inspection

A welding inspection record with joint identification, procedure and welder references, preparation checks, visual findings, NDT links and repair history.

1. Record details and scope

Project

Filled in from the project in SiteSurvey.

Site or premises address

Client or organisation

Record date *

Person completing the record *

For competent welding inspection. This is not a welder qualification, approved welding procedure, NDT report or automatic acceptance of a welded joint.

TWI describes visual inspection against relevant codes, standards and project requirements. Record the applicable procedure, acceptance criteria and actual observations; additional testing depends on the specified inspection scope.

2. Job and procedure

Job, assembly and drawing revision *

Welding procedure specification and revision *

Welder ID and qualification reference

Inspector and competence reference *

Inspection plan and acceptance standard with edition *

Identify the acceptance criteria and document revision before recording a result. Avoid substituting a general visual opinion for the specified assessment.

3. Joint inspection

Weld joint (copy this block for each one)

Joint or weld ID *

Material and consumable traceability references

Preparation, fit-up and pre-weld checks

In-process observations and specified parameter evidence

Post-weld visual findings and dimensions *

Result * (choose one)

- ☐ Meets recorded visual criteria
- ☐ Repair or review required
- ☐ Not fully inspected

Separate NDT method and report reference

Supporting photos (photos: attach, or note the file names)

4. Repair and closure

Approved repair instruction and affected weld IDs

Reinspection and NDT report references

Authorised acceptance reference and limitations

5. Actions and review

Are further actions required? * (choose one)

- ☐ Yes
- ☐ No

Further action (copy this block for each one; if applicable)

Action and evidence reference *

Person responsible *

Target date

Action status * (choose one)

☐ Open ☐ In progress ☐ Completed

Completion evidence * (if applicable)

Outstanding limitations and information to pass on

Record status * (choose one)

☐ Ready for review ☐ Further work needed ☐ Work or use stopped

Reviewed by

Review date

Author signature *

Signing records the information entered. It does not itself certify legal compliance, remove a limitation or authorise unsafe work.