

WELDING INSPECTION TECHNOLOGY WORKBOOK

FIFTH EDITION

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CHAPTER 1

WELDING INSPECTION AND CERTIFICATION

Welding Inspection Technology

Chapter 1—Welding Inspection and Certification

- Q1-1** Why is there an increasing need for weld quality?
- safety
 - economics
 - less conservative design
 - government regulations
 - all of the above
- Q1-2** What AWS document describes the rules for the CWI certification program?
- AWS 5.5
 - AWS D1.1
 - AWS QC1
 - AWS 5.1
 - AWS 14.1
- Q1-3** Weld quality control should begin after welding has been initiated.
- true
 - false
- Q1-4** What are the three welding inspector certifications covered in AWS QC1?
- CAWI, CWI, BWI
 - CWI, CAWI, SCWI
 - SCWI, CWI, ACWI
 - Levels I, II, and III
 - None of the above
- Q1-5** What is generally considered to be the most important quality of a welding inspector?
- graduation from a welding vocational program
 - an engineering degree
 - an associates' degree
 - professional attitude
 - hold a certified welder certificate
- Q1-6** The vision requirements for a CWI are near vision acuity on:
- Jaeger J1 at not less than 24 in
 - Jaeger J2 at not less than 12 in
 - Jaeger J2 at not less than 12 in, with or without corrective lenses
 - the inspector cannot wear glasses
 - 20/20 vision
- Q1-7** The acronym KASH stands for:
- knowledge, attitude, skills, and habits
 - knowledge, application, skills, and habits
 - knowledge, attitude, skills, and honesty
 - knowledge, application, skills, and honesty
 - knowledge, attitude, sincerity, and honesty