Collaborative Innovators: ASME ANDE-1-2020 Standard Partners

Explore the collaborative journey behind the ASME ANDE-1-2020 Standard, a testament to innovation and partnership.

KEY SUPPORTERS

CHATTANOOGA STATE
COMMUNITY COLLEGE

FLAWTECH
FLAWED SPECIMEN MANUFACTURING
FLAWTECH.COM

Ooga
Technologies

I-INDE
INTERNATIONAL INSTITUTE FOR NONDESTRUCTIVE EXAMINATION

OTHER CONTRIBUTING ENTITIES

American Society of Mechanical Engineers

Nuclear Regulatory Commission

US Utilities

NDE Service Suppliers

Government Agencies

▶ Chattanooga State Community College established as the first "Designated Test Organization" (DTO).

▶ ASME ANDE-1 approved by American National Standards Institute (ANSI).

▶ ASME ANDE-1 first standard to offer a dual certification: both ANDE-1 and ISO 9712.

ASME's NDE/QC Personnel Qualification and Certification Standard ANDE-1

Explore the groundbreaking ASME ANDE-1 standard, revolutionizing NDE and Quality Control certification worldwide.

▶ **THE PROBLEM: Human Performance Issues**

Over 40 years of round robin studies and industry events have highlighted problems

▶ **THE SOLUTION: Systematic Approach to Training**

SAT is a proven industry best practice and has demonstrated reliable results for over 75 years in the military and industry.

▶ **ANDE-1 is the first NDE/QC PQ&C standard to:**

- *Implement a systematic approach to training*
- *Standardize the evaluation process by integrating the BOK, JTA, and Qual Cards*
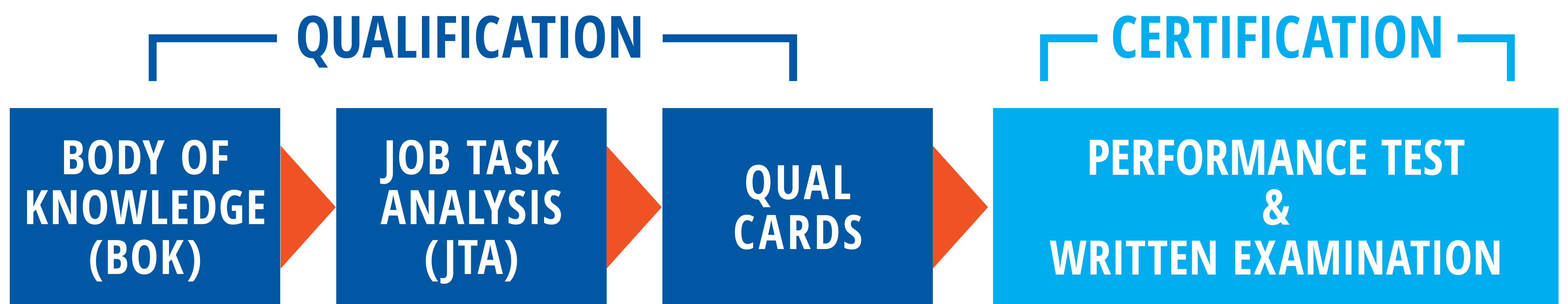
CERTIFICATION UPON DEMONSTRATION

The Standard Offers Dual Certification to ANDE-1 and ISO 9712, Ensuring Quality and Competence

Discover the innovative certification process of the ASME ANDE-1 standard, instilling reliability and confidence in the industry.

QUALIFICATION & CERTIFICATION COMPONENTS

QUALIFICATION   **CERTIFICATION**

| BODY OF KNOWLEDGE (BOK) | ▶ | JOB TASK ANALYSIS (JTA) | ▶ | QUAL CARDS | ▶ | PERFORMANCE TEST & WRITTEN EXAMINATION |

JTA

1.01A	▬▬▬▬	▬▬▬▬
1.01B	▬▬▬▬	▬▬▬▬
1.01C	▬▬▬▬	▬▬▬▬
1.01D	▬▬▬▬	▬▬▬▬
1.01E	▬▬▬▬	▬▬▬▬
1.01F	▬▬▬▬	▬▬▬▬
1.01G	▬▬▬▬	▬▬▬▬

QUAL CARD

1.01A	☑	_____
1.01B	☑	_____
1.01C	☑	_____
1.01D	☑	_____
1.01E	☑	_____
1.01F	☑	_____
1.01G	☑	_____

Join the Movement to Build the NDE/QC Community Team of Champions

NBBI SINCE 1919

National Board of Boiler Inspectors (NBBI) is currently in discussion to become Certifying Body (CB) for ANDE-1 certification.

CHATT STATE

Chattanooga State was the first, and is currently the only, Designated Test Organization (DTO).

More DTO's and

ANDE-1 Transitional Level III Inspectors are needed.

Learn how you can participate. Scan the QR code to indicate your areas of interest.