



Specification for Qualification and Certification for Level III—Expert Welders



American Welding Society



Key words — expert level welder, participating organization, performance tests, acceptance criteria, National Registry

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Specification for Qualification and Certification for Level III - Expert Welders

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Abstract

This standard defines the requirements and program for the American Welding Society to certify expert level welders. The certification of Level III - Expert Welders requires performance qualification and practical knowledge tests. These tests require more detailed skills of reading, computational, and manual skills to complete.



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1. Scope

1.1 This standard establishes the minimum requirements for an organization to participate with the American Welding Society (AWS) in the qualification and certification of expert welders.

1.2 This standard specifies practical knowledge and performance tests that require a more detailed level of reading, computational, and manual skills to successfully complete.

1.3 All individuals that meet the specified performance at a facility meeting **3. Requirements for Participating Organizations** will be listed in The National Registry of Level III - Expert Welders at the American Welding Society.

1.4 Organizations not meeting **3. Requirements for Participating Organizations** may use this standard, but individuals they certify will not be listed in the National Registry of Level III - Expert Welders.

1.5 Although a written test including questions on safety is required by this standard, this standard is not intended to address safety and health. Safety and health requirements are provided in ANSI Z49.1, *Safety in Welding and Cutting*, other safety and health standards, and federal, state, and local government regulations. The responsibility for safety of the Level III - Expert Welder is primarily with the welder, the Participating Organization during training and testing, and afterwards, with the employer.

1.6 The requirements of this standard shall not supersede the authority of the training facility as established by the local evaluation guidelines.

2. Definitions

The terms used in this standard are defined in ANSI/AWS A3.0, *Standard Welding Terms and Definitions*. Other terms are defined as follows:

- 1) Participating Organization - Any organization meeting **3. Requirements for Participating Organizations**.
- 2) Level III - Expert Welder - An individual employed in this position is considered to possess a prerequisite amount of knowledge, attitude, skills, and habits required to perform tasks autonomously, including the selection and use of appropriate techniques and equipment, and to apply theoretical knowledge and motor skills with minimum supervision.