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The TEXT indicated with < > is to be selected or filled in by the Specifier to meet the requirements of the project.

If any of the SECTIONS (i.e. 1.02, 1.03, etc.) below are not required for the project do NOT delete the Section, but rather change the title of the Section to “NOT USED” (i.e. 1.02 NOT USED) so that numbering of specification references is preserved, and delete the specification language in this Section below the title.

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Welding requirements.
- B. Procedure qualification.
- C. Performance qualification.
- D. Submittals.

1.02 WELDING REQUIREMENTS

- A. Welding shall be performed by qualified welding operators using procedures which have been qualified in accordance with applicable codes and standards specified.
- B. Promptly after issuance of the Notice of Award, CONTRACTOR shall submit one copy of welder certifications to UTILITIES <and Engineer>, unless otherwise specified, for each person, by name, assigned to do field welding of materials installed under this Contract.
- C. Welder certifications provided under this Section shall show that each person has passed tests <as specified by AWS.> <as described in individual specifications sections.>
- D. Prior to execution of any welding activity, CONTRACTOR shall submit any updates to the welder certificates. Certificates are not required for nonstructural tack welding.
- E. Welding should only be performed on material approved or specified to be welded per the contract documents. Additional welding identified by the CONTRACTOR not within the contract documents should be approved by UTILITIES <and Engineer> prior to progression of work.

1.03 PROCEDURE QUALIFICATION

- A. CONTRACTOR, or its Subcontractors performing welding activities shall be responsible for obtaining and qualifying welding procedures to the extent required under the codes and standards referenced in the Specifications.
- B. CONTRACTOR shall maintain, and make available to UTILITIES <and Engineer> <and Special Inspector> when requested, records certifying successful completion of welding procedure qualification tests.

1.04 WELDER PERFORMANCE QUALIFICATION

- A. CONTRACTOR or its Subcontractors performing welding activities shall be responsible for testing and qualifying its welding operators in accordance with applicable procedures as required under the codes and standards referenced in the Specifications.
- B. A welder's qualification as specified in applicable codes shall be considered as remaining in effect indefinitely unless welder has not engaged in the process of welding for which the welder is qualified for period of 6 months
- C. Unless welders have been previously qualified by CONTRACTOR within the last 6 months and have been continuously employed as welders by CONTRACTOR following qualification, requalification tests must be performed.
- D. UTILITIES <and Engineer> <and Special Inspector> reserves the right to require any welder to retake tests when, in opinion of UTILITIES <and Engineer> <and Special Inspector>, the work of such welder creates reasonable doubt as to the welder's proficiency. UTILITIES <and Engineer> <and Special Inspector> reserves the right to witness any required retesting and require such retesting at no additional expense to UTILITIES.

PART 2 PRODUCTS

NOT USED

PART 3 EXECUTION

3.01 SUBMITTALS

- A. Submittals to be provided by the CONTRACTOR shall include but are not limited to the following:
 - 1. Welding Certificates: Provide written certification that welding procedures and personnel comply with requirements in the Contract Documents. Submit record of Welding Procedure Specification (WPS) and Procedure Qualification Record (PQR) on American Welding Society forms. Include names of firms and personnel certified.

END OF SECTION