

AWS C6.2/C6.2M:2006
An American National Standard

Specification for Friction Welding of Metals



American Welding Society



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An American National Standard

Approved by the
American National Standards Institute
August 8, 2006

Specification for

Friction Welding of Metals

1st Edition

Prepared by the
American Welding Society (AWS) C6 Committee on Friction Welding

Under the Direction of the
AWS Technical Activities Committee

Approved by the
AWS Board of Directors

Abstract

This specification provides for the qualification of friction welding machines, procedures, and training of welding operators. Qualification of the welding procedure specification (WPS) includes the material specifications involved, weld joint design, destructive and nondestructive examination requirements, as well as guidelines for different categories of quality assurance. Qualification of welding equipment includes weld parameter control and weld reproducibility.

Welding operators require training in the proper operation of friction welding equipment. The requirements for requalification of the WPS and equipment are also given.



American Welding Society

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