



Specification for Welding of Industrial and Mill Cranes and Other Material Handling Equipment



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Specification for Welding of Industrial and Mill Cranes and Other Material Handling Equipment

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Abstract

Requirements are presented for the design and fabrication of constructional steel weldments that are used in industrial and mill cranes, lifting devices and other material handling equipment. Requirements are also included for modification, weld repair, and postweld treatments of new and existing weldments. Filler metal and welding procedure guidelines are recommended for the applicable base metals, which are limited to carbon and low-alloy steels. Allowable unit stresses are provided for weld metal and base metal for various cyclically loaded joint designs.



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