

Structural Welding Code Aluminum

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on the first edition the book is a success in providing a comprehensive introduction to the use of aluminum structures contains lots of useful information materials manufacturing processes a must for the aluminum engineer the authors are to be commended for their painstaking work light metal age technical guidance and inspiration for designing aluminum structures aluminum structures second edition demonstrates how strong lightweight corrosion resistant aluminum opens up a whole new world of design possibilities for engineering and architecture professionals keyed to the revised specification for aluminum structures of the 2000 edition of the aluminum design manual it provides quick look up tables for design calculations examples of recently built aluminum structures from buildings to bridges and a comparison of aluminum to other structural materials particularly steel topics covered include structural properties of aluminum alloys aluminum structural design for beams columns and tension members extruding and other fabrication techniques welding and mechanical connections aluminum structural systems including space frames composite members and plate structures inspection and testing load and resistance factor design recent developments in aluminum structures

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