Welding

Welding galvanized steel

Galvanized steels may be welded easily and satisfactorily by all commonly practised welding techniques. Closer control of welding conditions than for uncoated steel is usually necessary but procedures are simple and well established.

This chapter details procedures for all suitable welding techniques for galvanized steel including GMA (gas metal arc) carbon arc, GTA (gas tungsten arc) manual metal arc, and torch welding. Resistance welding techniques for galvanized sheet steel are detailed in the manual 'Sheet steel fabrication handbook — 4' available from John Lysaght Australia Limited and Australian Zinc Development Association.

Work sponsored by International Lead Zinc Research Organization, New York and carried out by EN Gregory of The Welding Institute, Cambridge, England has been used in recommendations on GMA welding and manual metal arc welding. Recommendations are based on Australian practice and terminology. Information has also been supplied by Liquid Air Australia Limited and Welding Industries of Australia Pty Ltd.

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