



Welding Technology Institute of Australia
Research, Education, Technical Support & Information

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FLAME CUTTING OF STEELS





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WTIA Technical Note No. 5

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This Technical Note:

- is a revision of Technical Note 5, first printed in 1975 and revised in 1981.
- is designed to provide practical guidance and a summary of the latest information available from a wide range of research and experience on flame cutting.
- is intended to assist fabricators, supervisors, inspectors and designers on the weldability of steels presently used in Australia;
- has been prepared by WTIA under the direction of its Project Panel 2; "Metallurgy", currently consisting of:
 - Mr I Squires – BHP-SPPD (Convener)
 - Mr G Arvidson – Dept of Energy & Minerals
 - Mr H Dagg – Tubemakers of Australia
 - Mr R Eager – World Services & Construction Pty Ltd
 - Dr I French – CSIRO DMT
 - Mr B Haynes – Hydro-Electric Commission
 - Mr P Howard – CBI Constructors Pty Ltd
 - Mr E James – Transfield
 - Mr R Kuebler – CIGWELD
 - Dr R Phillips – Department of Defence
 - Dr M Ripley – ANSTO
 - Mr S Rouse – Welding Industries of Australia
 - Dr W Scholz – NZ Welding Centre
 - Mr R Sim – Lincoln Electric Co
 - Mr H Symons – Welding Industries of Australia
 - Dr A Vettors – Tapnal Pty Ltd
 - Mr C Walters – BHP Petroleum Pty Ltd
 - Dr A Wingrove – Bunge Industrial Steels Pty Ltd
- The WTIA gratefully acknowledges the assistance of Mr Ingles McGeachie in the preparation of this revision, and also the co-operation and assistance given by the suppliers of flame cutting equipment.
- The Technical Note will be revised from time to time and comments aimed at improving its value will be welcomed. No extracts from this publication may be re-printed without the Institute's express consent.

Bruce Cannon
Technical Secretary

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