

Weld Australia
Technical Guidance Note

Health and Safety in Welding: Guides and Forms

Foreword

This Technical Guidance Note contains the pop-out guides and forms referenced within Weld Australia's Technical Note 7 *Health & safety in welding* and Technical Note 22 *Welding electrical safety*.

It is designed to be read in conjunction with these Technical Notes, and, to assist users in their application.

This edition of the Technical Guidance Note includes the July 2021 update to the *Welding electric shock injury and electrocution report form* originally published in Weld Australia's Technical Note 22 (see also Weld Australia's Technical Guidance Note TGN-SW03).

Users are encouraged to apply the guidelines and forms in their workplace where welding and related activities are utilised.

Edition

This Technical Guidance Note was first published in November 2020 and was revised in August 2021.

Future Revisions

This Technical Guidance Note will be revised from time to time and comments aimed at improving its value to industry will be welcome. This publication is copyright and extracts shall not be reprinted or published without the Publisher's express consent.

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About Weld Australia

Who We Are

Weld Australia represents the welding profession in Australia. Our members are made up of individual welding professionals and companies of all sizes. Weld Australia members are involved in almost every facet of Australian industry and make a significant contribution to the nation's economy.

Our primary goal is to ensure that the Australian welding industry remains both locally and globally competitive, both now and into the future.

A not-for-profit, membership-based organisation, Weld Australia is dedicated to providing our members with a competitive advantage through access to industry, research, education, certification, government, and the wider industrial community.

Weld Australia is the Australian representative member of the International Institute of Welding (IIW).

Our Vision & Mission

Our vision is to facilitate the growth of a world class welding industry in Australia.

Our mission is to create opportunities for our members and advocate welding policies and practices which protect the Australian public.

Our Value Proposition

Weld Australia generates revenue through its commercial activities which is then reinvested back into the welding community for the benefit of members.

Weld Australia brings individual and company members together to deliver:

- A forum for the exchange of ideas and the sharing of resources
- A voice to promote the interests of the welding community and shape the market for welding services
- Specialist technical problem solving and a conduit between industry and research organisations
- A pathway for learning and career development and the opportunity to benchmark against world's best practice

Our Services

Weld Australia provides:

- Events and Seminars
- Technical Publications
- Technical Support and Advisory Services
- Project Management
- Professional Development
- Qualification and Certification

Real Solutions to Real Problems...

Weld Australia has a team of highly qualified welding engineers and technologists available to provide expert advisory services on all welding related matters. With expertise in a wide range of industries, ranging from biotechnology to heavy engineering we have a unique capability to solve your welding problems.

Our advice can help you substantially increase the operational life of your plant and equipment and thereby reduce your maintenance and repair overheads.

Further Information

For further information about Weld Australia and how we can help your business, visit: www.weldaustralia.com.au.

Introduction

The following forms and guides from Weld Australia's Technical Notes 7 and 22 have been reproduced in this Technical Guidance Note.

1. Pre-start inspection of welding equipment
2. Recommended Oxy-Fuel Gas Daily Inspection and Pre-Start Check List
3. Weld fume and the risk of cancer
4. Ultraviolet radiation and the risk of cancer
5. Guidance on the management of safety in industrial radiography
6. Welding and minimising the risk of electrocution: Industry best practice
7. Welding and minimising the risk of electrocution: Use of older power sources
8. Welding electric shock injury and electrocution report form (*revised*)
9. Job safety and environmental analysis form
10. Hot work permit form
11. Confined space entry permit form (for hot work in a confined space)

Each document is a stand-alone document and users may copy the document for use in their workplace where welding and allied processes are used.

A *Safe work method statement (SWMS)* form has not been included in this Guidance Note. When required, the use of Safe Work Australia's example form published as part of the *Safe work method statement for high risk construction work information sheet*, or a form similar to that published in Technical Note 7 (formatted for welding and related activities), is recommended.