



*Welding Research Council*  
***progress***  
***reports***

WELDING RESEARCH COUNCIL  
UNITED ENGINEERING CENTER  
345 EAST 47th STREET, NEW YORK, N.Y. 10017

**THE WELDING RESEARCH COUNCIL** was established by the Engineering Foundation 52 years ago to provide a mechanism for conducting needed *cooperative* research work in the welding field. It enjoys the cooperation of the leading interested scientific and technical societies, government agencies, trade associations, and companies fabricating and using welded products. The current Subscribers who financially support the Council are listed on the back cover. The cooperative method enables the Council to bring to bear on the solution of complex problems the diversified talent of experts representing many branches of science and engineering, thereby greatly enhancing the chances of fundamental solutions which will be broadly applicable. Moreover, the cost to any one organization is small and unnecessary duplication is avoided.

**OPERATION:** The Council is financed by (approximately 400) annual membership fees, has no capital, and makes no profit.

More than 1000 leading scientists and engineers are affiliated with the work of the Council.

Some 50 laboratories and universities in the United States and Canada participate in the research programs.

Total value of the work cleared through the various publications of the Council amounts to more than three-million dollars a year.

Total budget of the Council is some \$1,500,000.

Liaison is maintained with research organizations of other countries.

**FINANCIAL SUPPORT:** The Council is supported by subscriptions from organizations, associations, societies, and institutes. The amount provided by an organization depends on the size of the organization and its interest in the field of welding and varies from \$1,000 to more than \$25,000. The amount provided by associations, societies, and institutes may be more than \$50,000 depending upon their interest in the proposed research projects. All subscriptions are tax deductible.

**Welding Research Council Yearbook**—This is the Annual Report which lists the objectives and long-range plans of the Council, and the membership of the various committees.

**Books, Monographs, and Interpretive Reports**—In addition to the regular publications of the Council described above, the Council publishes special books, monographs, and interpretive reports to summarize results of specific fields of research extending over a number of years. These are available, at additional cost, by ordering from our Publications Catalog.

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The Welding Research Council is supported by the American Welding Society, American Society of Mechanical Engineers, American Society for Metals, American Society for Testing and Materials, American Gas Association, American Institute of Steel Construction, American Iron and Steel Institute, American Petroleum Institute, Electric Power Research Institute, Aluminum Association, and some 400 organizations throughout the world.

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**PUBLICATIONS:** The Council publishes the following:

*Welding Research.* This publication is printed monthly as a Supplement in the AWS Welding Journal, and presents the results of the research work which is sponsored by the various committees of the Council.

*Welding Research Abroad.* Ten publications are issued per year to keep Americans informed of the latest research developments abroad and the activities of the International Institute of Welding.

*Progress Reports.* An offset-printed series is published ten months per year and contains reports of progress on uncompleted research, proposed programs of research, minutes of committee meetings, and other information helpful to research workers and Subscribers.

*Welding Research Council Bulletins.* These Bulletins contain final reports from projects sponsored by the Welding Research Council, important papers presented at technical conferences, and other reports of current interest which are not published elsewhere.

*Welding Research News.* This is a quarterly printed, four-page newsletter containing articles and items of information to keep executives and research engineers updated on the developments in welding research.

**WRC** - The Welding Research Council brings together science and engineering specialists in developing the solutions to problems in welding and pressure vessel technology. They exchange knowledge, share perspectives, and execute R & D activities. As needed, the Council organizes and manages cooperative programs.

**MPC** – A Council of the WRC, the Materials Properties Council is dedicated to providing industry with the best technology and the best data that can be obtained on the properties of materials to help meet today's most advanced concepts in design and service, life assessment, fitness-for-service, and reliability and safety.

**PVRC** – A Council of the WRC, the goal of the Pressure Vessel Research Council is to encourage, promote, and conduct research in the field of pressure vessels and related pressure equipment technologies, including evaluation of materials, design, fabrication, inspection, and testing.

For more information, see [www.forengineers.org](http://www.forengineers.org)

WRC Bulletins contain final reports from projects sponsored by the Welding Research Council, important papers presented before engineering societies and other reports of current interest.

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ISSN 0743-1651

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