

I-CAR, founded in 1979, is an international, not-for-profit training organization dedicated to improving the quality, safety, and efficiency of auto collision repair for the ultimate benefit of the consumer.

The I-CAR Vision is that every person in the collision industry has the necessary technical knowledge and skills relevant to their position to achieve a complete and safe repair.

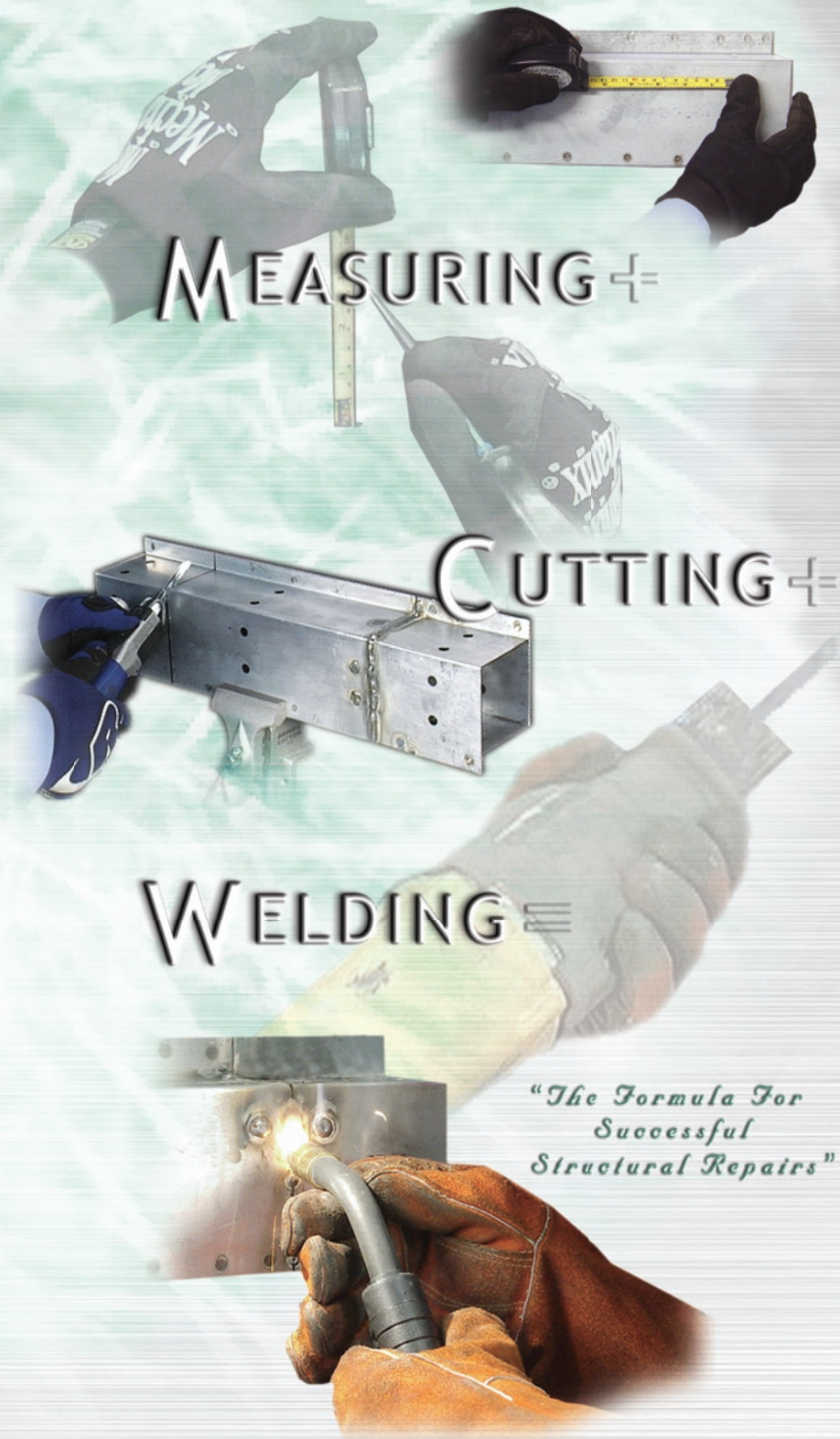
I-CAR is an inter-industry organization with strong representation from:

- auto collision repair businesses and their trade associations.
- major auto insurance companies and their associations.
- major vehicle makers.
- tool, equipment, and supply manufacturers.
- providers of technical education, training, and research.
- suppliers of related industry services such as independent appraisers, technical publishers, and recyclers.

I-CAR conducts extensive collision repair research and, using this research, develops and delivers technical training programs to professionals in the collision repair and insurance industries. In addition, I-CAR provides a communication forum for anyone interested in proper collision repair.

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**I-CAR**<sup>®</sup>  
Qualification Tests



MEASURING +

CUTTING +

WELDING =

*"The Formula For  
Successful  
Structural Repairs"*

*"The Formula For Successful Structural Repairs"*

# MEASURING + CUTTING + WELDING

## Why worry about the quality of your technicians' structural repairs?

With help from collision industry professionals, I-CAR®, a leader in collision repair training, developed a "hands-on" skills-based qualification test specifically designed for structural collision repair: the I-CAR Structural Parts Steel Qualification Test (SPSQT). This test allows professionals the opportunity to demonstrate that they have the skills to perform the tasks required to achieve a proper, efficient, and safe collision repair.

The SPSQT difference is:

**A dedication** to continued training, resulting in reduced liability exposure and more consistent, higher-quality repairs.

The SPSQT difference is:

**An achievement** resulting in technicians gaining greater self-esteem, a more professional attitude, and a sense of accomplishment in knowing that they are properly measuring, cutting, and performing welding GMA (MIG) welds when sectioning steel structural parts.

The SPSQT difference is:

**A benefit** to the technician, repair facility, insurance company, and vehicle owner. This test raises the bar for collision repairs throughout the industry. Well-trained technicians perform quality repairs, which maintain the structural integrity of the vehicle, which in turn is more likely to protect passengers in case of another collision.

The SPSQT difference is:

**A credential** to a career and technical school or college that serves as a test site. The school develops relationships with working technicians in the collision industry. Students enrolled in the school's collision repair program who pass the test have additional skills and a credential to increase their employability.

### SPSQT Components:

- Measuring
- Identifying sectioning locations
- Sectioning
- Welding: fillet, plug, and butt joint with backing

**Know that your technicians are able to perform quality structural repairs**

**Increase the personal pride and professionalism of your experienced technicians**

**Gain a marketing advantage over your competitors and reduce your liability exposure**

### I-CAR TRAINING AND QUALIFICATION PROCESS:

It is highly recommended that participants complete the preparation program for the SPSQT. Refer to the I-CAR Training Catalog or web site for all programs relevant to the SPSQT.

#### Structural Parts Steel Qualification Test Prep (SPS04)

This program allows participants to practice for the test by measuring, sectioning, and welding while learning how to visually inspect their welds. Welds are performed in the flat, vertical, and overhead positions.

#### Structural Parts Steel Qualification Test (SPS05)

This qualification test gives participants the opportunity to demonstrate their measuring, cutting, and GMA (MIG) welding skills while sectioning steel structural parts.

All welds are made on coated 18-gauge automotive-grade sheet steel in the flat, vertical, and overhead positions. To pass the qualification test, the participant's structural part must fit in a specially designed I-CAR fixture, which accounts for allowable tolerance. If any pin in the fixture does not fit into the reference hole on the steel structural test part, the test part will not pass. I-CAR issues a Certificate Of Professional Development Through Training to participants who pass the qualification test. Pre-registration (please allow four to six weeks) and pre-payment are required for the SPSQT.

For the latest information on these programs or to find out when training programs and qualification tests are being held in your area, please visit I-CAR online at [www.i-car.com](http://www.i-car.com).