



## RESweld™ VERIFICATION

Assuring that the weld tooling delivered to the customer reflects the original design intent.

**Verification** (*ver' • a • fi • ca • shan*) n. the act of proving something to be true.  
[L. versus, true; *facere*, to make]

**RESweld™ Verification** (*RES • weld • ver' • a • fi • ca • shan*) n. the act of proving the weld system is true to its design intent and capacity.  
[OE. *welde*; akin to Scot. *wald*, L. versus, true; *facere*, to make]

The RESweld™ Verification procedure will provide the following truths; that all documentation such as part drawings, part assembly drawings, and tool drawing / data sheets, match the “as built” weld tool condition, that production throughout can be attained and quality parts produced.

### Key Services / Expertise:

- Identification and resolution of design or construction problems
- Reconciliation of design records to the original intent of the weld tool
- RESweld™ procedure reduces scrap and rework
- Develop baseline weld schedules
- Approval for the weld equipment buy-off
- RESweld™ Verification sheet
  - Spot location, numbers confirmed, and documentation
  - All welding parameters documented
  - Weld nugget requirements achieved
- RESweld™ weld tool information sheet
  - Roadmap for troubleshooting
  - Weld consumables list

RoMan Engineering Services Inc.		Sheet _____ of _____	
RoMan Engineering WELD TOOL VERIFICATION DATA SHEET			
Tool Number	_____	Type of Tool	_____
Assembly Name	_____	Const. Source	_____
Weld Study	_____	Using Plant	_____
Weld Spot Number			
Body Style Code			
Robot Gun #			
H Gun Design Number			
E Transformer ID. #			
A Transformer Size			
D Gov. Metal			
E Stack Up			
R Type of Weld			
Weld Control #			
Network Address			
Weld Sequence #			
Weld Schedule #			
Output #			
Tip Arrngt			
P Tip Alignment (✓)			
Gun Action (✓)			
H Cable Sizes			
A Water Def Tube (✓)			
S Water Flow Dir. (✓)			
E Weld Force Req.			
Weld Force Target			
I Weld Force Actual			
PSI Air (Actual)			