How To Test Outdated Wire

This document is to be used by our customer to determine if the outdated wire in accordance with Kester's shelf life is still a workable product. This is not a procedure to suggest the wire has been re-certified by Kester. It is simply a means to see if the wire still performs to the customer's needs.

Items needed:

- Copper coupon
- Soldering iron currently used in your soldering process
- 3 - 0.0500" length of cored solder wire to be tested

Process:

1. Place the three wire pieces on the copper coupon
2. Place the copper coupon on a non flammable surface.
3. Touch the coupon with the soldering iron and heat until the solder melts completely. Another option would be to use a 600°F degree hot plate and place the coupon on that follow by the three wire samples.

Results:

- Good result: The solder deposit should be smooth with little to no spattering.
- Bad result: Burned flux, a large about of spattering and or a large solder ball that is not wetted to the copper.

For any questions, please contact:

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