Weld Preparation
Follow these steps before bending:

- Conduct a visual inspection of the weld. If the weld does not pass, it is already disqualified.
- Stamp or identify the root or face of the weld. I.D. the weld with your mark.
- With the direction of the weld, grind any excess so the bend area is smooth and cut test specimens to size.
- Grind excess weld flush in the lengthwise direction of the test specimen, and a slight radius along the edges.

Safety
Best practices:

- Ensure that the bend tester machine is securely positioned on a flat surface.
- Ensure that the rollers are securely in place.
- Keep fingers and other extremities clear of the plunger and rollers when metal is in place.
- Pump the bend lever slowly to keep metal in place.

*These best practices do not encompass all safety requirements. Be sure to follow all lab safety procedures at all times.