

**Part V: Evaluating Welds**

&gt;Here is a weld with proper settings and speed



&gt; Read the definition of each weld defect and then match each picture to its corresponding defect.

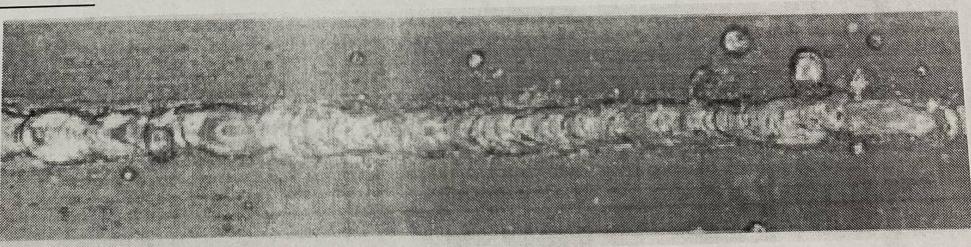
Hint: Spatter are dried drops of molten metal that appear to the side of the weld

- Arc Length Too Long- Creates a short and skinny weld with moderate amounts of spatter
- Current Too High- Creates a short and fat weld with excess penetration, lots of spatter
- Current Too Low- Creates a tall and skinny weld with poor penetration that sets on top of the material piece, no spatter
- Welding Speed Too Fast- Creates a skinny weld that is not uniform in penetration and spatter
- Welding Speed Too Slow- Creates a short and very fat weld with excessive penetration, no spatter

22. \_\_\_\_\_



23. \_\_\_\_\_



24. \_\_\_\_\_

