Name:

Date:

Period:

**6013 Pad of Beads**

**Check List**

Your grade for this welding assignment will be based on completion of pad and the ability to follow the instructions.

**Step 1-** Get 3 pieces of 1/4 inch material 2 inches by 6 inches.

**Step 2-** Lay pieces flat on bench side by side creating a 6 x 6 inch square.

**Step 3-** Tack all 3 pieces together at each end with 4 tack welds.

**Step 4-** Get tack welds checked by instructor. *(5 points)* Instructor Initial\_\_\_\_\_\_

**Step 5-** Run first weld bead on one edge, crossing all 3 pieces.

**Step 6-** Get first bead checked by instructor. *(5 points)* Instructor Initial\_\_\_\_\_\_

**Step 7-** Continue running bead after bead with correct overlap until all 3 pieces are completely covered with one layer of weld beads.

**Step 8-** Get first layer checked by instructor. *(10 points)* Instructor Initial\_\_\_\_\_\_

**Step 9-** Run first weld bead of 2nd layer on one edge perpendicular to first layer.

**Step 10-** Get first bead of 2nd layer checked by instructor. *(5 points)* Instructor Initial\_\_\_\_\_\_

**Step 11-** Continue running bead after bead with correct overlap until the 1st layer is halfway covered with two layers of weld beads. Creating a 3 x 6 inch rectangle that is 2 layers thick.

**Step 12-** Get second layer checked by instructor. *(10 points)* Instructor Initial\_\_\_\_\_\_

**Step 13-** Run first weld bead of 3rd layer on one edge perpendicular to 2nd layer.

**Step 10-** Get first bead of 3rd layer checked by instructor. *(5 points)* Instructor Initial\_\_\_\_\_\_

**Step 11-** Continue running bead after bead with correct overlap until the 2nd layer is halfway covered with three layers of weld beads. Creating a 3 x 3 inch square that is 3 layers thick.

**Step 12-** Get 3rd and final layer checked by instructor. *(10 points)* Instructor Initial\_\_\_\_\_\_

 Total score out of 50 \_\_\_\_\_\_