



ELECTRODE: E7018
 PROGRESSION: FLAT
 TESTING: VISUAL
 PROCEDURE: 5° - 20° ROD ANGLE

- Get 2 pieces of $\frac{1}{4}$ " x 1" x 5" flat strap and 1 piece of $\frac{1}{4}$ " x 1" x 8" flat strap.
- Grind 2 edges to 22.5°.
- Tack plates to back side with 3 welds 1" long. One weld on each end and one in the center of each side.
- Weld the root pass and show for evaluation.
- Weld the remainder of the passes, showing instructor every layer until level or a maximum of 1/8" above plate.
- Turn in for evaluation.

EVALUATION: _____ Pts.

- Metal preparation _____
 - Root Pass _____
 - Cover Pass _____
 - Overall Appearance _____
- Total Points Earned _____