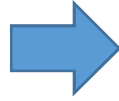


## Nital and Fry's Combination



**Figure 1:** A36 mild steel welded with ER70S rod. Etched with 5% Nital etch (1st stage).



**Figure 2:** A36 mild steel welded with ER70S rod. Etched with 5% Nital etch, cleaned, dried, and then re-etched with Fry's reagent (optional 2nd stage).

## Alternative Method



**Figure 3:** A36 mild steel welded with ER70S rod. Etched with the Ammonium Persulfate Solution only.

\*The sample surface was polished with diamond compound before etching.