Take the stress out of Feedwater Heater Tubing

Photo courtesy of Hydro Dyne Inc.

Stress can be a killer. In the intense heat and pressure of feedwater heaters, residual stress in stainless steel tubing can lead to stress corrosion cracking and tubing failure. And with the enormous investments involved, failure is not an option.

Since 1967, Plymouth has pioneered the development of feedwater heater tubing with the lowest possible residual stress. We are the world's premier supplier of welded austenitic stainless steel feedwater heater tubes. With over 325 million feet supplied, Plymouth tubing is used in more than 70% of all U.S. feedwater heater applications.

XtraLowStress™ from Plymouth Tubing

- Proprietary processes produce tubing with the lowest residual stress — and least susceptibility to stress corrosion cracking
- Less than 5 ksi (34.5 MPa) residual stress in the straight portion of tube
- Less than 8 ksi (55.2 MPa) in U-bend portion of tube
- Tube weld is thoroughly cold worked or cold drawn
- Subjected to more strenuous NDT Eddy Current testing per A-688 S1 or S2, vs. industry standard of A-1016 only
- Up to .134" (3.40mm) average wall thickness available for super-critical applications

Take the stress out of your feedwater heater decisions. Specify Plymouth **XtraLowStress™** tubing.

ISO 9001

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