





Green Energy

Super Ferritic Stainless Steel Tubes for Power Plant Condensor



Location	Xingda Power Plant, Taiwan, China
Environment	Outdoor
Fabrication process	Welding
Grade/surface	B446/2B
Main thickness or diameter	0.7 mm
Material supplier	Baosteel
Source of information	Baosteel

Baosteel have supplied the ferritic grade B446 (with 28% Chrome and 3% Molybdenum), with excellent corrosion resistance and good weldability, to manufacture condenser tubes in the Taiwan Xingda Power Plant to replace Titanium and Copper alloys. This material is also suitable for use in condenser tubes and heat exchanger tubes in the petrochemical industry, de-salination plants, roofing and wall panelling for buildings in coastal environments, caustic soda plants, manufacturing plants for organic acid (such as acetic acid and lactic acid) and other industrial applications requiring high corrosion resistance.