

M&M Engineering's Boiler Tube Failure Handbook



Hole—Fireside



Locations	Furnace Riser
Boiler Type	Cyclone/Power
Industry	Utility

Appearance	Severe pock-marked corrosion on fireside
Mechanism	Corrosion/Thermal Fatigue
Comments	Damage caused direct impingement of waste chemical cleaning solution on riser tube inside cyclone boiler. Tube failure a combination of corrosion and thermal shock.

