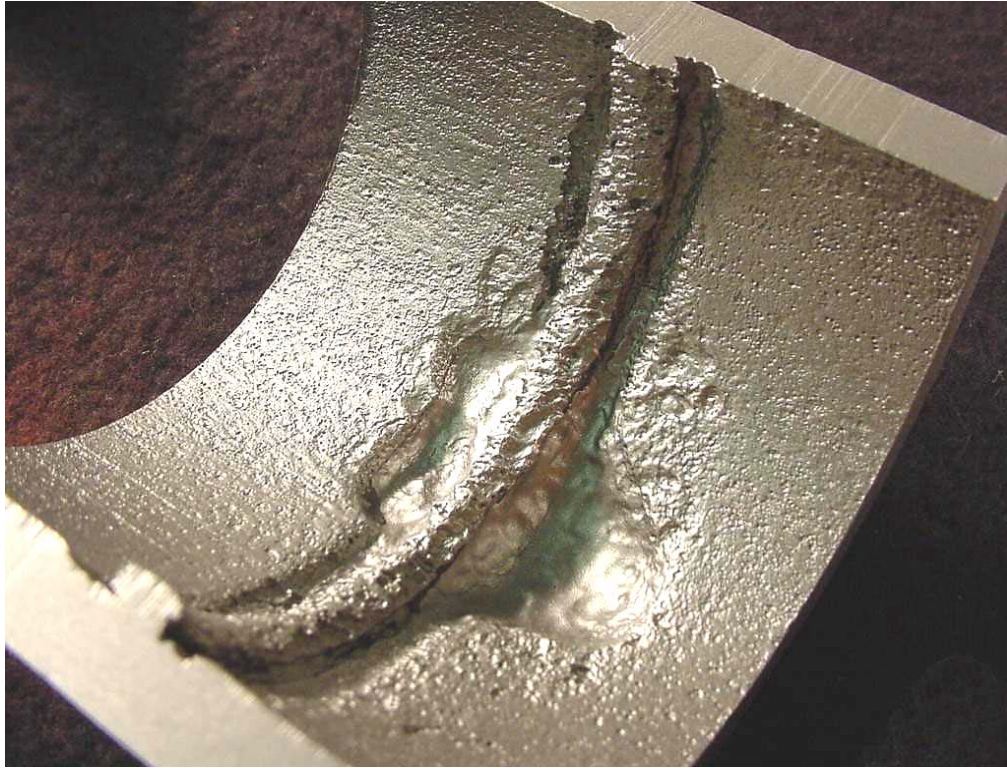


M&M Engineering's Boiler Tube Failure Handbook



Hole—Waterside



Locations	Waterwall
Boiler Type	Power
Industry	Electric Utility

Appearance	Severe corrosion gouging at a weld-backing ring
Mechanism	Caustic Gouging
Comments	Underdeposit corrosion, may be due to poor control of boiler water chemistry, or excessive deposits from feedwater. Considered poor practice to install backing rings in waterwall circuits since they provide sites for preferential corrosion.

