

# M&M Engineering's Boiler Tube Failure Handbook



## Deformation—Thinning



Locations	Reheater
Boiler Type	Power
Industry	Electric Utility

Appearance	External thinning, smooth areas
Mechanism	Fireside Corrosion/Erosion
Comments	Abrasion from fly ash may cause erosion, corrosion may also occur as sulfur deposits become acidic during shutdown or cool gas temperatures. This type of corrosion is more prevalent in oil-fired boilers and in the back-end of the gas path i.e., economizers.

