

M&M Engineering's Boiler Tube Failure Handbook



Crack—Not in or near a weld or attachment—Longitudinal



Locations	Superheater
Boiler Type	Industrial
Industry	Process/Heating

Appearance	Multitude of cracks parallel to tube
Mechanism	Long Term Overheat/ Creep
Comments	Deposits can accumulate in the bottom bend of superheaters acting as insulation and contributing to a long-term overheat condition. (Hole was created by cutting torch and is not part of the failure)

