

# M&M Engineering's Boiler Tube Failure Handbook



Crack—In or near weld or attachment—Transverse



Locations	Evaporator
Boiler Type	HRSG
Industry	Co-Gen

Appearance	Transverse crack near support
Mechanism	Thermal Fatigue
Comments	The fast cycling that occurs in HRSG units can put tremendous strains on restrained tubing creating thermal fatigue.

