



Fired Heater Inspection

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Inspector		Date		Signature	
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SECTION 1 - RADIANT SECTION

Inspection Item	Note	Good	Repair	Replace	NA
Tubes according to sketch.		■	■	■	■
Bowing and tubes bulging		■	■	■	■
Flag lower U bends for Radiography-Thickness		■	■	■	■
Flag lower U bends for Radiography-Obstruction		■	■	■	■
Flag lower U bends for Radiography-Bulging		■	■	■	■
U.T. Measurements-6' Level		■	■	■	■
U.T. Measurements-9' Level		■	■	■	■
U.T. Measurements-18' Level		■	■	■	■
Gauge entire tube		■	■	■	■
Hangers and Supports		■	■	■	■
Burners		■	■	■	■

SECTION II - SHOCK TUBES

Inspection Item	Note	Good	Repair	Replace	NA
Identification numbers on tubes		■	■	■	■
U.T. Measurements		■	■	■	■
Entire tubes gauged		■	■	■	■
O.D. Readings		■	■	■	■

SECTION III - CONVECTION SECTION

Inspection Item	Note	Good	Repair	Replace	NA
tubes according to sketch.- 180■ End		■	■	■	■
U.T. Measurements -u bends,tubes		■	■	■	■
O.D. Measurements		■	■	■	■
inspect Tubesheet		■	■	■	■
Convection Box- Tube Fins		■	■	■	■
Convection Box-Refractory		■	■	■	■
Convection Box-Damper		■	■	■	■
Convection Box-Stack Internal		■	■	■	■

SECTION IV - EXTERNAL

Inspection Item	Note	Good	Repair	Replace	NA
Hammer Test		■	■	■	■

Inspection Item	Note	Good	Repair	Replace	NA
U.T. Measurements		■	■	■	■
Bolts Intact		■	■	■	■
Inspect Shell-Visual (Ripples and Warps)		■	■	■	■
U.T. Measurements-Inlet Piping outlet Piping		■	■	■	■