

VESSEL

NCG Incinerator/Quench Vessel
Carbon steel cylinder with
acid/refractory brick lining

SIZE

5'6" Ø x 33'1" long

OPERATING CONDITIONS

Normal temperature 1600 °F
Max temperature 1900 °F
Flame temperature 2600 °F
Water spray with high gas velocities,
thermal shock and erosion

LINING SPECIFICATIONS

Refractory: 1 course of 70 % alumina
face brick (4 " thick) over 1 course
of insulating bricks (29#/ft³)
(4 " thick)

Acid: 4 " thick, type II "DURO"
acid brick laid solid in furane
resin mortar.

QUANTITIES

Pieces 5,700

