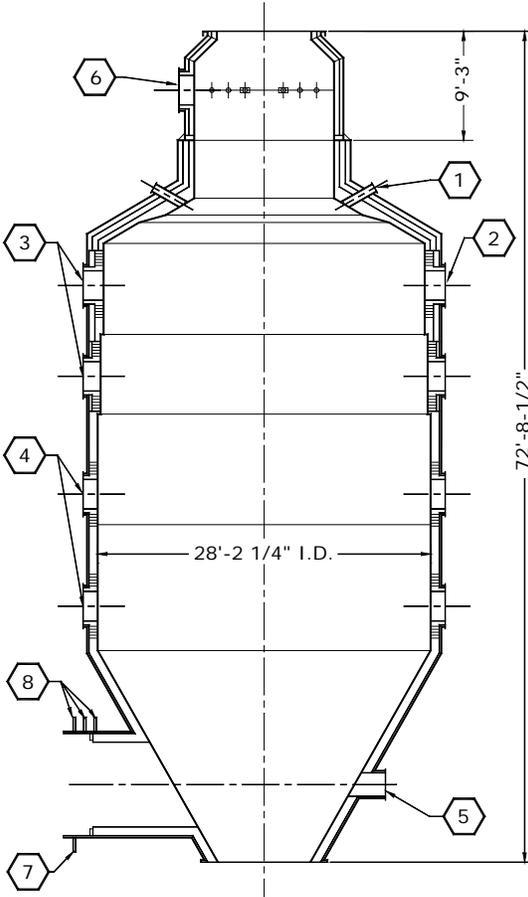


Service: (1) Cool incinerator offgas to 425 °F
 (2) Spray Dry scrubber blow down dissolved solids to dry powder

Size: Overall Vessel Height: 72' 8-1/2" Diameter varies:
 At top entrance 8'-0" I.D.
 Top Thimble 11'-1" I.D.
 Main Section: 27' 2-1/4" – 28' 2-1/4" (varies in height)



Operating and Mechanical

Design Press: -30 to +12" W.C.
 Design Gas Inlet Temp: 2372 °F max
 Oper Temp.: differs at different heights

Materials

Steel Vessel, Refractory Lined
 Top Thimble: Inside layer of abrasion resistant high temperature brick; Outer layer of insulating refractory.
 Main Section: Inside layer of abrasion resistant high temperature brick, Outer middle Layer of foamglass refractory, Outer layer of acid resistant mastic.

Nozzles

| Service | Number | Size | Mark |
|--------------|--------|------------|------|
| Upper Sprays | 16 | 4-1/2" dia | 1 |
| Lower Sprays | 24 | 4-1/2" dia | 2 |
| Man Door | 12 | 15" X 24" | 3 |
| Man Door | 12 | 17" X 39" | 4 |
| Man Door | 1 | 24" dia | 5 |
| Service Door | 1 | 17" X 39" | 6 |
| Pressure Tap | 1 | 1" dia | 7 |
| T.C. taps | 3 | 1" dia | 8 |

Spray Nozzles

Type: High Pressure Single Fluid
 Delevan SDX-SF 160; Bete TD6-157 or equal