



$Q = 175 \text{ cfm/ft}^2$ of furnace top with curved slot and flanges.
 Slot velocity= 2000 fpm
 Minimum duct velocity= 3500 fpm
 Entry losses= $1.78 VP_s + 0.25 VP_d$



TITLE

**CRUCIBLE MELTING
 FURNACE, HIGH
 TOXICITY MATERIAL**

FIGURE

VS-55-06

DATE

2-91