



GRAIN HANDLING
SAFETY COUNCIL

Extraction Forces Grain Bin Entrapment

165
pound
person



**160
lbs**

**460
lbs**

**635
lbs**

**1335
lbs**

Extraction
force
required

**325
pounds**

**625
pounds**

**800
pounds**

**1550
pounds**

Grain Surface

Grain Depth in Feet

1
2
3
4
5
6

