4B VESSEL SHELL INSULATION

4B1 METHODS OF APPLYING

4B1.1 The insulation shall be applied tightly around the vessel with all joints butted tightly together.

4B1.2 There are several methods that can be used to hold the insulation snug to the vessel until it can be secured with bands or wire. Following are two methods found to be satisfactory:

a) 3/8" square rubber bands. These can only be used on unheated vessels. They are most satisfactory on vertical vessels but will work on horizontal vessels up to 48" O.D. if the insulation is not more than 1" thick.

b) 1" diameter springs with either $\frac{1}{4}$" rope, 16 ga. wire or bands, either 3/8" or 3/4". The $\frac{1}{4}$" rope is the more safe to use but can only be used on unheated vessels. The springs with 3/4" wide bands is the best all around method. It can be used on both hot and cold vessels and the band does not cut into the insulation as does the smaller band, wire and rope.

4B1.3 To get the best results when using springs with either bands, rope or wire, the springs should be positioned as shown in figure 13A and B.

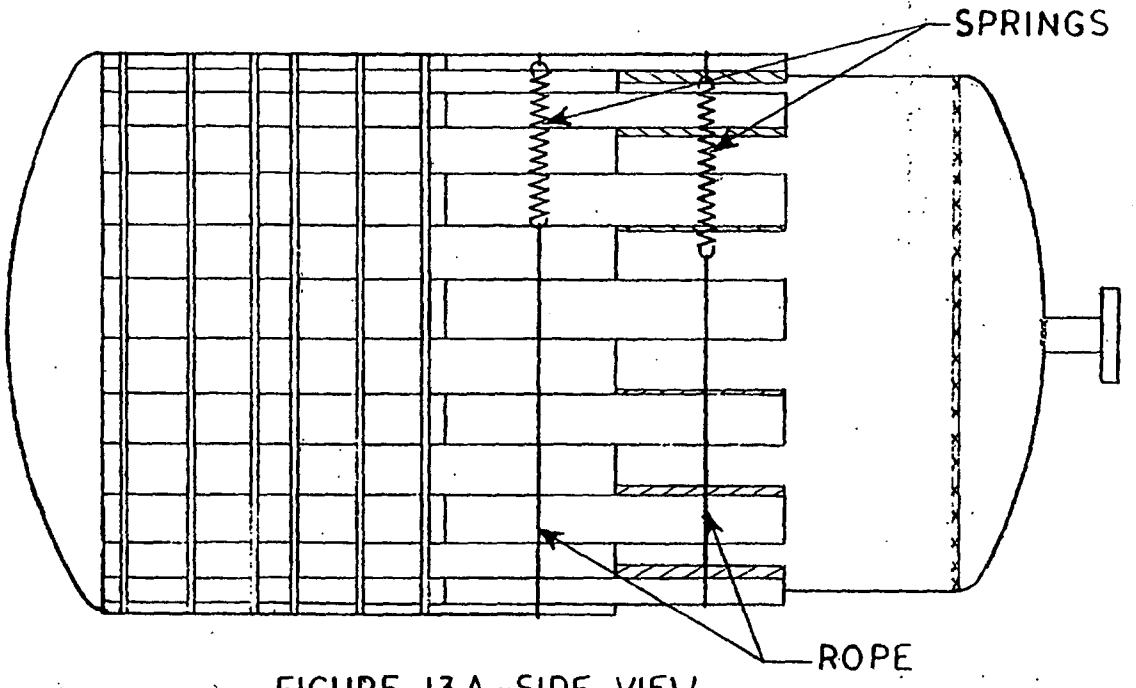

FIGURE 13A-SIDE VIEW