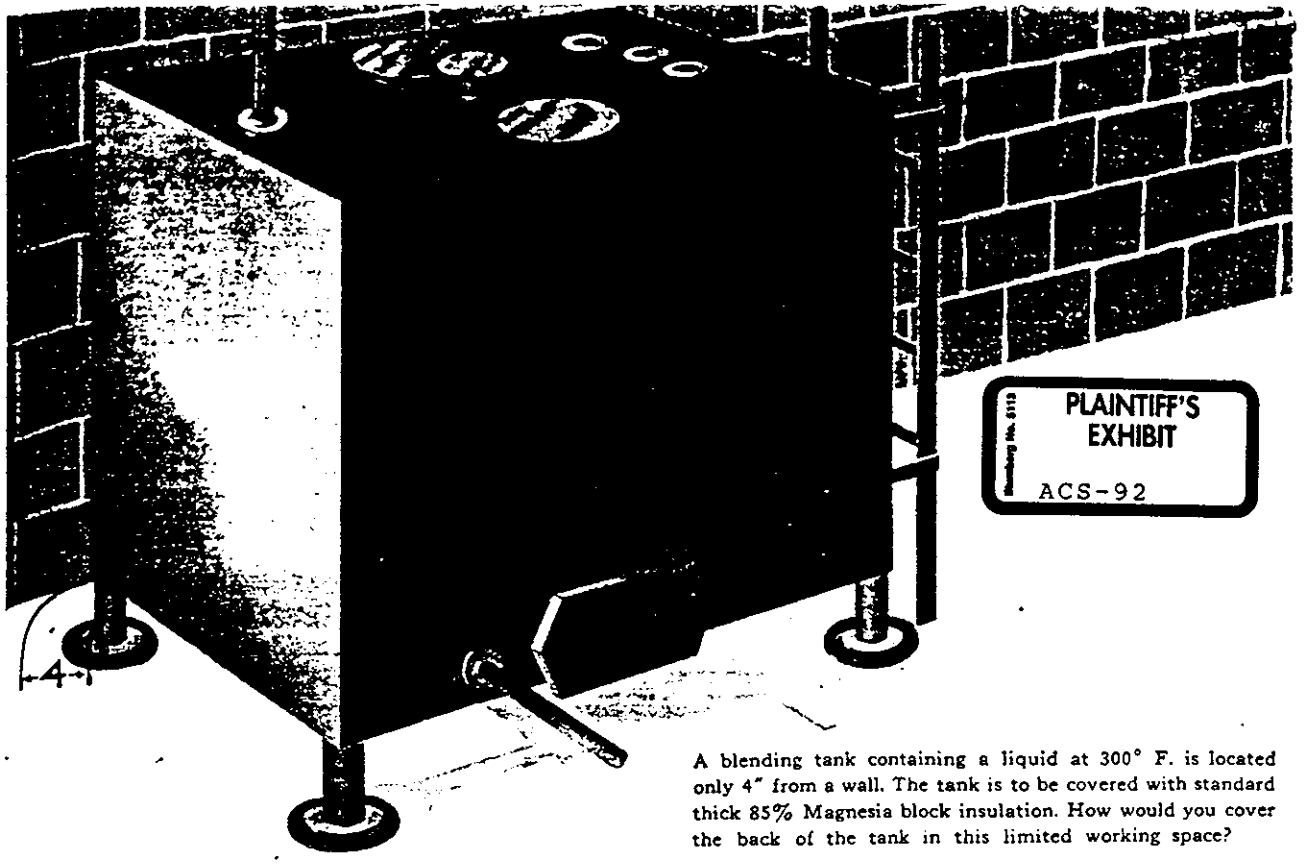



A blending tank containing a liquid at 300° F. is located only 4" from a wall. The tank is to be covered with standard thick 85% Magnesia block insulation. How would you cover the back of the tank in this limited working space?

# HOW WOULD YOU INSULATE THE BACK OF THIS TANK?

**HERE'S WHAT THE ARMSTRONG ENGINEER RECOMMENDED:**

In this case, the tank was completely set up, with all pipe connections made, when the insulation men were called on the job. It was impractical to disconnect all pipes and move the heavy tank far enough from the wall to get behind it and apply the insulation. The 300° temperature held in the tank was critical, and omitting the insulation on the back would have made temperature control difficult.

To solve the problem of applying the insulation, the Armstrong engineer recommended that blocks of 85% Magnesia be wired to expanded metal lath, cut to the same size as the back of the tank. Then an angle was welded to the bottom of the tank back, and the insulation was slipped in place. The angle supported the weight, and wires were used to hold the insulation firmly in place.

This problem is typical of the many questions that arise on any heat insulation job. Armstrong engineers and installation mechanics experience them every day. That experience has taught them the answers to almost any insulation problem, large or small. When you have an insulation question you're in doubt about, consult an Armstrong engineer. The next time you need a heat insulation job done, try Armstrong's complete Contract Service, for dependable engineering advice, quality materials, and expert workmanship.

**FREE BOOKLET**

Send today for the new booklet, "Armstrong's Industrial Insulations." It describes completely the materials and services offered to users of insulations for all temperatures. Write today to Armstrong Cork Co., 7003 Maple Avenue, Lancaster, Pennsylvania.




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**FOR ALL TEMPERATURES FROM 300° F. BELOW ZERO TO 2800° F.**