

Vacuum Box Bubble Leak Weld Testing on Bolted Tanks

Vacuum Box testing is most commonly used to test for leaks in welds, but are also able to test other applications as well. Similar to welded storage tanks, bolted tanks also require leak testing per API 650.

One immediate issue with using a standard flat Vacuum Box on bolted tanks is that the height of the bolts interferes with testing. To overcome this, we designed a unit with a taller profile so that the Vacuum Box can effectively encapsulate the bolts and create a successful vacuum.

