

METHOD FOR DIFFUSION OF A TRACER GAS AND METHOD FOR TESTING THE LEAKTIGHTNESS OF A MEMBRANE

ABSTRACT

The invention relates to a method for injection of a tracer gas into a thermally insulating space of a leaktight and thermally insulating tank, the leaktight and thermally insulating tank exhibiting a polyhedral shape defined by a plurality of tank walls (9, 10, 11, 12, 13, 14, 15, 16, 17) which are attached to a carrier structure, each of the tank walls comprising a thermally insulating barrier comprising insulating elements which are anchored to the carrier structure and a membrane resting against the insulating elements of the thermally insulating barrier, the thermally insulating barriers of the tank walls communicating with one another and together defining the thermally insulating space; the said plurality of tank walls including a bottom wall (11), the said injection method comprising injecting a tracer gas into the thermally insulating space by means of at least one device for injection of tracer gas (19) which passes through the membrane of the bottom wall (11) and which emerges in the thermally insulating barrier of the bottom wall (11).

Figure for publication: 2