



GEOMETRICS

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2190 Fortune Drive, San Jose, CA 95131 USA • geometrics.com

Cesium Magnetometer Product Certification

Stated and Certified 10/27/2020

To whom it may concern,

This document is to certify that the following Cesium magnetometers manufactured by Geometrics contain only microgram amounts of non-hazardous natural cesium metal:

- G-822A
- G-823A
- G-858
- G-859
- G-862RBS
- G-864
- G-880
- G-882
- MFAM
- Mag Arrow

Our magnetometers use the naturally occurring non-radioactive isotope Cs 133. This elemental material is non-radioactive and though mildly toxic due to its reactivity, it is non-hazardous at these microgram quantities. During operation, the cesium metal in the form of a vapor is contained in small glass chambers in the sensor. The sensor components are carefully packaged for shock resistance as an integral part of the magnetometer.

If the cesium vessel inside the sensor is ruptured the cesium will react with moisture in the air to form Cesium Hydroxide (again in microgram quantities). Here is the [SDS sheet for Cesium Hydroxide](#).

As certified by,

Ron Royal
VP Operations

