

RELEASE

Reference : Recycling of neodymium magnets from magnetic resonance equipment.

Years ago Serviciencia gained considerable experience in the installation and technical service of Magnetic Resonance Imaging (MRI) medical systems, working with companies supplying the sector. Most of these systems were based on a permanent magnet manufactured by Sumitomo (Japan), the inventor of the material, for Hitachi MRI systems (Japan).

In relation to these activities, Serviciencia was also responsible for the removal of some systems at the end of their useful life, this being the origin of the two magnets that we have for the development discussed here.

We have recently been able to develop a procedure to demagnetize these large magnets, in order to be able to dismantle them and extract the neodymium material on one side and the iron on the other, for their respective recycling.

We are therefore able to offer the following:

- Approximately two tons (quantity to be confirmed) of top quality NdFeB ("neodymium") material with immediate availability. Another similar quantity available in the short term.

- The demagnetization procedure (know-how) for companies interested in carrying it out.

The procedure allows demagnetization at a low cost and with a portable system, and can be performed wherever the magnet is, if the site allows it, without having to transport the magnet to a demagnetization facility.

We hope that those interested will not hesitate to contact us.

Alberto Marino
General Manager
Serviciencia, SLU
SPAIN
Email: marino@serviciencia.es (preferred contact way)
Tel: (+34) 925 536 154