

List of Controlled Items

Part I

Samarium metal (Sm), dysprosium metal (Dy), gadolinium metal (Gd), terbium metal (Tb), lutetium metal (Lu), scandium metal (Sc), yttrium metal (Y), samarium-cobalt alloys, terbium-iron alloys, dysprosium-iron alloys, terbium-dysprosium-iron alloys, dysprosium oxide, terbium oxide

Part II

I. Rare Earth Permanent Magnet Materials

1. Samarium–cobalt permanent magnet materials
2. Neodymium–iron–boron (NdFeB) permanent magnet materials containing terbium
3. Neodymium–iron–boron (NdFeB) permanent magnet materials containing dysprosium
4. Parts, components, and assemblies containing any of the above materials

II. Rare Earth Sputtering Targets

1. Targets containing samarium:

- a. Samarium targets
- b. Samarium–cobalt alloy targets
- c. Samarium–iron alloy targets

2. Targets containing gadolinium:

- a. Gadolinium targets
- b. Gadolinium–iron alloy targets
- c. Gadolinium–cobalt alloy targets

3. Targets containing terbium:

- a. Terbium targets
- b. Terbium–cobalt alloy targets
- c. Terbium–dysprosium–iron alloy targets

4. Targets containing dysprosium:

- a. Dysprosium targets
- b. Terbium–dysprosium–iron alloy targets

5. Lutetium targets

6. Scandium targets

7. Targets containing yttrium:

- a. Yttrium targets
- b. Yttrium–aluminum alloy targets
- c. Yttrium–zirconium alloy targets