



Guidelines for shipping metal concentrate material.

Acceptable Waste Codes:

- F006, D002, D006-D008, D011 and non-hazardous

Non- conforming or reject able materials:

- Beryllium (Be) < 10ppm
- Cyanide (free) <10ppm
- Chromium Hex valence (Cr+6) = 0
- pH <2.0% or >12.5%
- No Asbestos
- Not Radioactive
- V.O.C > 500ppm
- No Free Liquids
- No Ignitable Material
- Free of Debris and Trash (if excepted, a penalty will be assed by GFI)

Deleterious constituents:

- Alumina (Al₂O₃) < 5.0% Limit
- Arsenic (As) < 0.1% (Penalty above)
- Barium (Ba) < 0.5% Limit
- Bismuth (Bi) <0.1% (Penalty above)
- Cadmium (Cd) < 0.2% (Penalty above)
- Chloride (Cl) < 1.0% (Penalty above)
- Cobalt (Co) < 0.1% Limit
- Chromium (Cr) < 5% Maximum (Penalty Cr > 3%)
- Fluoride (F) < 0.4% (Penalty above)
- Mercury (Hg) < 10ppm (Penalty above)
- Manganese (Mn) < 0.5% Limit
- Nickel (Ni) < 2.0% (Penalty above)
- Phosphorus (P) < 2.0% Limit
- Lead (Pb) < 3.0% (Penalty Pd > 1%)
- Antimony (Sb) < 0.3% (Penalty above)
- Selenium (Se) < 0.1% Limit
- Tin (Sn) < 3.0% (Penalty above)
- Tellurium (Te) < 0.1% Limit
- Thallium (Tl) < 0.1% Limit
- Zinc (Zn) < 3.0% (Penalty above)

Container and Paper work:

- Material must be shipped in DOT approved containers
- Containers must be properly labeled, marked, and sealed in accordance with applicable laws

- A properly completed Uniform Hazardous Waste Manifest or Bill of Lading, Material Safety Data Sheet (MSDS), and Land Disposal Restriction Notification must accompany material.