

# E4 Metal Shop

## Approved & Banned Materials

(All Materials are Subject be reviewed by Technician)

### Approved:

#### Ferrous

Mild Steel (Hot Rolled/ Cold Rolled)

P/O Mild Steel (must be cleaned)

Tool Steel (various alloys)

Iron

Stainless Various Alloys)

Spring Steel

Aluminum (Welding Only)

#### Non-Ferrous

Copper

Bronze

Brass

Nickel

Nickel Silver

Silver

Gold (Not recommended due to contamination)

Bismuth

Britannia

### Banned:

#### Metals

Galvanized Metals

Anodized Metals

Zinc Coated Metals

Any Coated Metals (Paint, Powder Coat)

Found Metal Objects

Lead

Titanium

Magnesium

Mercury

Cadmium

#### Non-Metals

Plaster

All Plastics

All Foams

All Stone

Wood

Glass

\*If what you plan on using is not on this list, see a Technician and ask