

E4 Metal Shop

Approved & Banned Materials

(All Materials are Subject to 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

Non-Ferrous

Aluminum (No Sanding)*
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
Animal Material (Bone, Horn, Teeth)
Wood
Glass

*Talk to Technician Before Operation

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