

Introduction to Welding Operations in the Metals Lab

Types of Welding Operations Available

Spot Welding

For mild (ATSM 36) steel sheet metal up to 16g

Oxygen-Acetylene Gas Torch Brazing and Welding

For mild steel (ATSM 36) and selected non-ferrous metals

Gas Metal Arc Welding (GMAC)

MIG (Metal Inert Gas) Welding

For mild steel (ATSM 36) from ~18g up to 1/2"

TIG (Tungsten Inert Gas) Welding

For mild and stainless steel, aluminum and selected non-ferrous metals