PPE (Personal Protective Equipment) ******(Marks requirements to start in shop)**

- Safety glasses (recommend a pair of clear and a pair of tinted)****
- Welding shield (can be auto-darkening or passive w/shade #10)****
- Welding jacket or FR shirt (can be leather or denim)****
- FR jeans or denim jeans****
- Full leather gloves****
- Welding gloves for stick, MIG, and TIG welding****
- Shade #5 Cutting goggles, glasses, or full-face shield (an auto-darkening welding hood may have this feature)
- Leather work boots (steel-toe recommended)****
- Welding cap****
- Knee pads (Advanced Welding)
- Hard Hat
- Hard hat adapter for welding helmet

Tools

- Chipping hammer****
- Wire brush****
- Wire wheels/Tiger paws for grinders
- 10" adjustable Crescent wrench****
- Channel locks
- 11-R Vise grips (finger tongs)****
- MIG pliers
- Measuring tape
- Torpedo level w/ magnet
- 4-1/2" grinder w/ wire wheel
- Cordless drill
- Compact bolt cutters
- Roll-around toolbox or metal job box
- Angle magnets (arrow magnets)
- Magnetic V-Pads
- Magnetic MIG Torch Holder
- Magnetic TIG Torch Holder
- TIG Torch (Flex head w/ Valve)
  - will need a TIG torch male adapter and argon gas hose
- TIG finger
- Tungsten storage tube
- Tungsten Electrode Sharpener Grinder
- TIG Welding Torch Cable Cover
- 3/8"-24 tap
- 9" Welding clamp
- Grasshopper for pipe (Advanced Welding)
- Pipe fitting wedges (Advanced Welding)
- Spud wrenches (assorted set)

- SMAW stinger and ground
- Welding Tool backpacks
- Pipe wrap (Marking lines) Misc. lengths
- Pipe clamps (for setting and aligning pipe) Misc.sizes
- Additional electric welding lenses that works with GTAW 2x4
- Fillet gauges (multiple styles) combo packs

Consumables

- Extra Safety glasses
- Replacement clear lenses for your welding hood
- Extra Gloves