

SHES FIELD SERVICE - JOB SAFETY ANALYSIS

TYPE OF JOB--FIELD WELDING

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
STEEL TOE BOOTS, LEATHER GLOVES, LONG SLEEVES, WELDING HELMET, SAFETY GLASSES, HEARING PROTECTION, FACE SHIELD FOR GRINDING.

SEQUENCE OF JOB STEPS	POTENTIAL ACCIDENTS OR HAZARDS	RECOMMENDED SAFE JOB PROCEDURE
1. Recognition of Plant Hazards	1.1 Unauthorized Personnel Performing Job Task.	1.1.1 Employee Must Have Received Plant Safety Orientation. 1.1.2 Employee Should Receive HASC Training
2. Entry into Plant	2.1 Exposure to heavy industrial hazards 2.2 Exposure to specific Plant Hazards	2.1.1 Wear Proper PPE (See list above) 2.2.1 Use additional PPE Specified by Plant 2.2.1.A Nomex Coveralls 2.2.2.B Cartridge Respirator 2.2.3 Observe & Note Plant Safety Equipment 2.2.3.A Alarms 2.2.3.B Wind Direction Indicators 2.2.3.C Evacuation Routes 2.2.3.D Warning Signs 2.2.3.E Safety Showers 2.2.3.F Fire Extinguishers 2.2.3.G Escape Air Packs
3. Spot Equipment	3.1 Possible Collision with Plant Equipment or Vehicles 3.2 Possible Gas Bottle Damage	3.1.1 Use Spotter 3.2.1 Secure Bottles Properly to Bottle Cart or Fixed Structure 3.2.2 Keep Caps on Bottles when moving or storing. Regulators should only be hooked up when Bottle in use.
4. Pre-Job Survey	4.1 Exposure to Hazardous Material 4.2 Elevated Work May Require Scaffold 4.3 Poor Footing 4.4 Combustible Material 4.5 Laceration Due to Sharp Objects	4.1.1 Review MSDS Sheet 4.1.2 Wear Proper PPE 4.1.3 Locate Safety Showers 4.2.1 Examine Scaffolding for Completeness, Sturdiness, and Safety Harness 4.2.2 Insure Scaffolding is large enough for job 4.3.1 Insure Level, Slip Free Surface 4.4.1 Relocate Combustible Materials where possible 4.4.2 Use Fire Blanket to Shield Materials which cannot be relocated 4.4.3 Keep a Fresh Fire Extinguisher in the Work Area 4.5.1 Wear Proper PPE 4.5.2 Flag Danger Areas

