**Hot Work Safety Checklist**

Safety Tip Sheets are developed by the FIA Safety & Health Committee and addressing common hazards found within the forging industry. This Check List is not meant to replace a company’s Hot Work Permit procedure. The purpose of this Safety Tip is to suggest some basic steps to minimize the risk of injuries associated with employees working in proximity Hot Work areas.

**Do welders:**
- Read and follow equipment manufacturers’ instructions?
- Use impact- and heat-resistant eye and face coverings?
- Wear helmets or goggles that protect against infrared rays?
- Wear clothing that covers skin to prevent burns?
- Wear leather aprons, leggings, and sleeves for very hot work?
- Avoid cuffs, pockets, or low shoes that could catch sparks?
- Wear flame-resistant head covers?
- Wear dry welder’s gloves for arc welding?
- Use respirators to prevent inhaling dangerous fumes and gases

**Are welding operations performed:**
- In special areas with fire-resistant floors?
- After flammable items are removed from the area?
- In areas free of combustible trash or debris?
- After items that could be tripped over are removed?
- After ducts that could carry sparks are covered or closed?
- In areas where smoking is strictly prohibited?
- With adequate ventilation and fans blowing fumes away from workers?
- With working fire extinguishers, and possibly an assigned fire-watcher?

**Are gas cylinders:**
- Checked for label instructions before use?
- Checked regularly for leaks?
- Kept away from heat and flammable items?
- Turned off when not in use?
- Moved and handled carefully to prevent dropping or rolling?
- Stored upright in a separate, dry, ventilated, fireproof room?

**Are arc welders:**
- Turned off before electrical parts are touched?
- Grounded with an electric connection separate from that of the item being welded?
- Used with correct-size cable, in good condition?
- Used according to general electrical safety guidelines?