

Arc Flash Eye Injury – Welding

Lost Time Injury

The Facts

Injured Person (IP) received a flash burn ('Welders Eye') to his eye whilst carrying out MMA (Stick Welding) on site by being exposed to UV radiation.

Causes

- IP had been using a hand held visor, and possibly glanced at the arc during the activity.
- IP was not wearing approved Bolle Safety Glasses in conjunction with the visor during the activity.
- IP was unfamiliar with hazards associated with MMA welding (only employed for one week).

Corrective Actions

- Hand held welding shields **must not** be used
- IP received on-line awareness training in general safety in welding and Arc welding safety technique.
- Bolle safety glasses **must** be worn at all times unless involved directly in welding activity.
- Full welding visors are to be worn with suitable filters for welding conforming to British and European standards. (see photo below Centurion Welding Visor).

Further Considerations & Actions

- All personnel involved in welding or cutting operations **must** carry out welding safety awareness training prior to being employed on the task.
- Cover all exposed skin and wear FR PPE.
- Pre-use inspection of all Welding sets must be carried out daily by All operatives.
- Welding screens **must** be in place around all welding activities on site.
- Never use damaged equipment.
- Report defective equipment to your Line Manager and replace immediately.

[Safety Care Welding Safety Videos](#)

[Safety Care Video Guides](#)



radiation burns from ultraviolet radiation



Polycarbonate lenses include 99.9% UV protection



Centurion Welding visor

SAFETY ALERT



Think for a Second
Put Safety First

Number: 109
Date: 30/07/2018

