

Fire and explosion



Common hazards and causes of injury

- Aircraft refuelling
- Uncontrolled contractor work on the apron
- Poor and incorrect handling and storage of flammable liquids
- Aircraft repairs
- Overheating aircraft components, such as wheels, tyres and brakes

Consequences

- Multiple fatalities or serious injuries
- Substantial costs to an airline, aerodrome operator or company
- Injured person may struggle to perform their job correctly and there may be an impact on their lifestyle and future prospects

Suggested controls

- Put in place robust policies and procedures for aircraft refuelling on the apron
- Introduce a 'hot work' permit scheme
- Provide adequate fire-fighting equipment
- Provide emergency telephones on the apron
- Maintain a fuelling zone during all fuelling operations, ensuring that mobile phones, radios and other electronic devices are kept outside of the zone

ATG4

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For more information

Call the IOSH Aviation and Aerospace Group on +44 (0)116 257 3100 or email www.iosh.co.uk/aviationgroup