

Improved Landfill Management

PPE and Safety

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Health and safety on landfills

- Accidents and injury on landfills
- Health problems
- Amenity issues, nuisance issues
- History and data
- Accident prevention
- Safety programs
- Awareness
- Training
- Human attitudes
- Accident analysis
- General precautions
- PPE

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Operational safety

- Machinery and equipment safety
- Blind spots, mirrors, audible warnings, flashing lights
- Tipping, toppling – vehicle/machine stability
- Crush injuries
- Communication with driver, radio
- Communication with emergency services
- Working with and around machines - https://www.cat.com/en_US/support/safetyservices.html
- Overhead power lines

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Equipment and Systems

- Health checks and vaccinations
- First aid kits and training
- Emergency showers, eye/face washers
- Spill kits
- Fire extinguishers, fire hydrants
- Communications, radio, telephone
- (Material) Safety Data Sheets on site
- Systems
 - Job Safety Analysis (JSA)
 - Job risk assessments (JRA)
 - Safe work method statements (SWMS), templates
- Emergency procedures, evacuation

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Other Protective and Safety Equipment

- What is required on site?
- What is available on site?
- Where is it located?
- Do all staff know the locations?
- Is it suitably accessible?
- Are stocks replenished as used
- Is it in good working order?
- How frequently is it checked and tested?

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Personal safety

- Systems
- Vigilance
- Visibility
- Protection



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Personal Protective Equipment (PPE)

PPE to protect against:

- Limited visibility
- Falling objects
- Sharps
- Dust
- Chemicals
- Biohazards
- Noise

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Personal safety



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Personal Protective Equipment (PPE)

- List your personal protective equipment (PPE)
- What is required to provide an adequate level of workplace protection
- What is required by law?
- What do you not have that you require?

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Public safety

- Access
- Signage and information
- Direction
- Supervision
- Public/small vehicles on site
- No scavenging

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Security

- Permanently manned site
- Gatehouse manned
- Public areas / drop off area supervised
- Tip face supervision
- Locked gates
- Illegal entry, vandalism, theft
- Security
- Security cameras
- Are the measures effective?
- Could they be improved?

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