

Fire Prevention Planning

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Background



fire prevention and control
in the waste and recycling industry

FPP Guidance



Objectives

Prevent fire
starting



Prevent fire
spreading



Aim to
extinguish in 4
hours

Measures

- Manage storage times – 3 months / 6 months
- Temperature control
- Pile sizes (750m³)
- Separation distances (min 6m)
- Pile height less than 4m
- Quarantine Areas (50% of largest pile)
- Fire detection
- Fire suppression in building
- Water supplies (2000 L/Min)
- Managing firefighting water

Alternative Measures

- Pile sizes – analysis
- Separation distances – fire walls
- Quarantine Areas – out of hours response
- Fire detection - CCTV
- Fire suppression in buildings
- Water supplies (2000 L/Min) – plant / personnel - demonstrations

Case Study



Development of Sector Specific Guidance



