

# Findings from EA wide fire prevention audits

➡ A summary of key learning points from fire prevention audits carried out 2017-2020.

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# Some good practice from Fire Prevention audits

- Fire suppression systems
  - ➡ Use of thermal imaging cameras linked to fighting systems
  - ➡ Request visits by FRS & detailed site plan review
  - ➡ Basic appropriate training in place for most staff and contractors (all shift patterns)
  - ➡ Generally good PPM on critical or high risk equipment & electrical circuits

# Some poor practice from Fire Prevention audits

- ➡ Lack of training on fire management
- ➡ Lack of testing on site fire fighting equipment
- ➡ Lack of knowledge on site drainage systems
- ➡ Dust management & control at tissue mills still lacking
- ➡ Variability in Permits to carry out “hot works”
- ➡ Lack of pressure testing of fire fighting circuits
- ➡ Alarms not always linked to SCADA systems
- ➡ Lack of defined quarantine areas

# Key findings from Fire Prevention audits: issues

- ➔ Lack of engagement from FRS locally and HSE?
- ➔ What is acceptable frequency of testing for fire fighting equipment (insurance Co's)
- ➔ Variable frequencies of exercises (some none)
- ➔ Variable criteria for hot works inspections
- ➔ How much to rely on technology v's physical inspections
- ➔ How transferable are our findings for mills across to waste storage facilities and associated infrastructure?
- ➔ What should we expect for testing of incoming waste paper bales?





# Next Steps

- ➔ Help promote the recently launched fire prevention guidance
- ➔ Share best practice amongst yourselves (PABIAC?)
- ➔ Talk to you FRS contact requesting a site inspection
- ➔ Talk to your HSE inspector
- ➔ Talk to your EA Inspector.....