IGNITION SOURCES
Can you spot these hazards?

Don't Wake A Sleeping Dragon

Material Movement can generate static

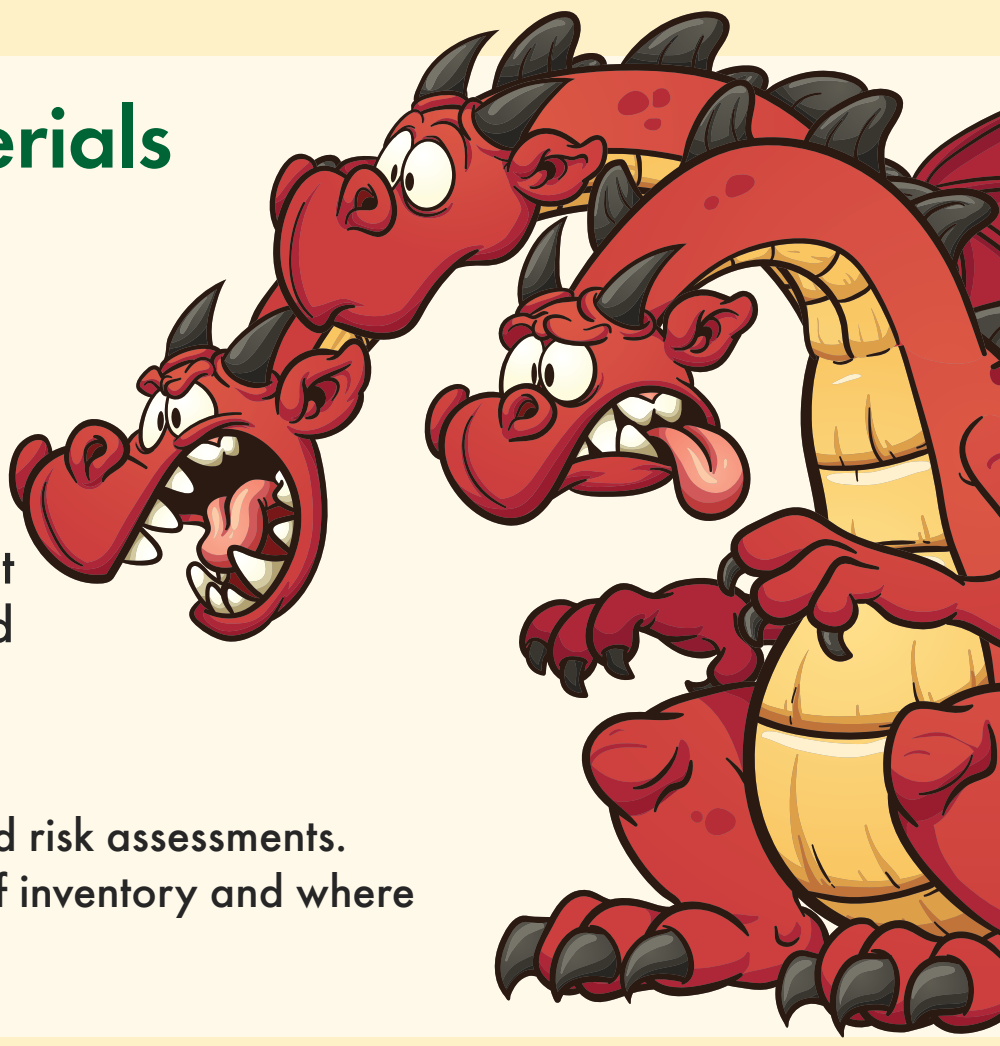
Powder handing and transferring insulating liquids (like xylene) in non-metallic containers and lined equipment tend to be bad actors.

What can you do?

Understand material properties, bond and ground equipment, inert process piping with nitrogen, and explore static-dissipating container options!

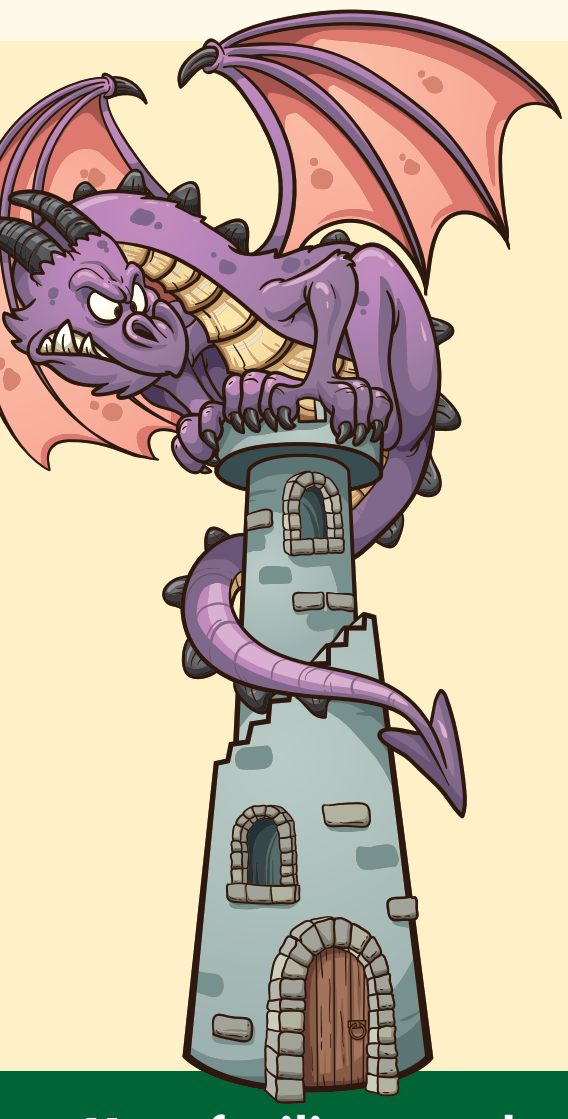
Energetic Materials can start fires or make them worse

Pyrophorics, Oxidizers, and Dangerous When Wet materials must be handled with care!



What can you do?

Conduct hazard analysis and risk assessments. Strictly control the amount of inventory and where these materials are stored.



Process Changes can introduce new hazards!

Beware of....

...conduit installed incorrectly or corroding to expose wires

...introducing portable equipment that is not intrinsically safe

...using new materials that have not undergone hazard assessment

What can you do?

Diligently manage change, conduct routine field inspections, and follow a strict new material receipt and classification work process.

Your facility may have other ignition hazards not on this list!
DEKRA can help you identify and mitigate ignition source hazards.

CONTACT US

DEKRA Process Safety North America
www.dekra.us/process-safety

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