

# Take 5 for Safety

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**BROOKHAVEN**  
NATIONAL LABORATORY

*a passion for discovery*



# Gang Locking Device at INL Disengages from Lockbox

- New gang locking device has weaker hasp arms than the devices regularly used
- Name ABUS stamped on the hasp. Investigation shows it is similar to an ABUS Mechanical 752 Aluminum Lockout Hasp Big 38 mm (1.5 in)



# Improper Rigging Practices at Hanford

- Relying on friction between the slings and the concrete block was an inappropriate method for lifting the foundation
- As force was applied by the crane, the slings slipped off the concrete block, releasing significant energy



# PNNL Cyanogen Bromide Event

- Work performed with cyanogen bromide outside a hood
- Work was based on a belief that solid chemicals, even highly toxic ones, were safe to be analyzed outside the hood
- This led to the inadvertent exposure of a researcher to cyanogen bromide
- Prior experimental experience in analyzing solids indicated that it was safe to do so outside the hood. The assumption that “all” solids have a low vapor pressure was inaccurate; cyanogen bromide is a unique chemical in that it has a very high vapor pressure

Atmospheric Pressure



# Pictures of the Week

There are taller ladders



Do you see what I see?

