



**WILLIAM  
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CHARTERED 1693



## LAB SAFETY AWARENESS WEEK

# ENGINEERING CONTROLS

**LAB SAFETY STARTS WITH A  
SAFE ATTITUDE.  
IDENTIFYING AND MAINTAINING  
ENGINEERING CONTROL  
EQUIPMENT IS CRITICAL IN  
PROTECTING AND SAVING  
LIVES AND HEALTH,  
ESPECIALLY IN EMERGENCY  
SITUATIONS.**



- Examples include: fume hoods, biological safety cabinets, glove boxes, secondary containment, neutralization systems for wastewater, and air cleaning systems.
- Engineering controls are our first line of defense against exposure. When the hazard assessment process indicates a potential impact, an evaluation for using engineering controls is conducted.
- Check if engineering control equipment are in good condition. Before using a fume hood, check if the survey sticker is up to date.
- If your fume hood or equipment alarm sounds or you feel that the exhaust ventilation is not working correctly, contact Facilities immediately. Do NOT mute or continue working!
- Get regular training in the usage of engineering controls. Do not use broken or damaged equipment – notify and schedule its service immediately.

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**ENVIRONMENTAL  
HEALTH & SAFETY**