

Safety Do's and Don'ts



Personal Protective Equipment (PPE)

Glasses or goggles

Lab coat

Safety gloves

Long pants

Shoes, no open areas

Fume Hoods

Improper Use of Fume Hood



Do NOT put head in fume hood!

Keep Sash at or below optimal level

FUME HOOD INSPECTION TAG

Bldg. / Room: 27-337

Hood Equipment No: 27-337-1

Average Flow Rate: 94.5 linear FPM

Hood Usage: PASS / FAIL

Inspection Date: 6/17/02

Inspector: T.E.

OPTIMAL SASH LEVEL



Drexel Safety & Health Department

Proper Fume Hood Usage

- Complete PPE
 - Gloves, lab coat, glasses
- Lights on
- Sash at or below safe level
- ONLY hands in hood

Tom always works safely!



Lab coats and gloves

YES

- In lab
- Transporting Samples?

**IF YOU ARE COLD,
BRING A SWEATER!**

NO

- In offices
 - Main office
 - Graduate offices
 - Faculty offices
- In lounge
- In any public area

Anywhere there are
people **WITHOUT** lab
coats and gloves

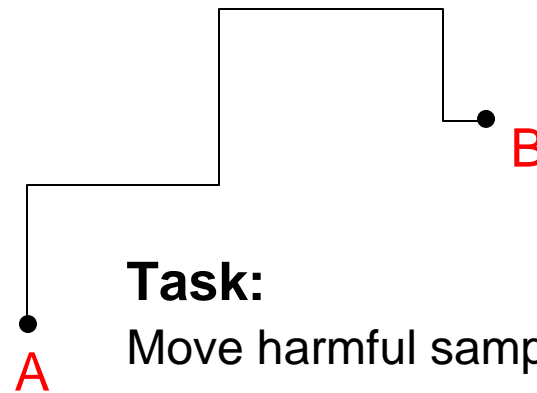
Transporting samples



Situation:

Tom has some harmful samples that he wants to perform SEM on.

How does he get his samples (that he must wear gloves to handle) from the lab to the SEM room?



Task:

Move harmful samples from Point A to B without contaminating public areas or oneself.



Does Tom –

- A. Simply walk down the hall to the SEM room, touching door handles and knobs with his gloves on, while carrying his harmful samples

- B. Remove gloves and carry harmful samples to the SEM room

What to DO?

A. Simply walk down the hall to the SEM room, touching door handles and knobs with his gloves on, while carrying his harmful samples

NO! Tom is protected from the harmful samples, but anyone who touches the door handles or knobs will be contaminated by the harmful samples

B. Remove gloves and carry harmful samples to the SEM room

NO! No one is protected from contamination



What other options does Tom have?

- D. Place his harmful samples in a container that is safe to handle **WITHOUT** gloves, then walk to the SEM room



- C. Use one gloved hand to hold his harmful samples and remove one glove to open doors



Or...

- E. Does Tom recruit a helpful fellow student to open doors and otherwise assist him while he holds his harmful samples with gloved hands

Answers – C, D, and E



RECAP

Never touch a door knob, or elevator button, etc... with gloves on!

Other No-No's



Oops, spilled my sample on the floor. I will just walk away and leave it.

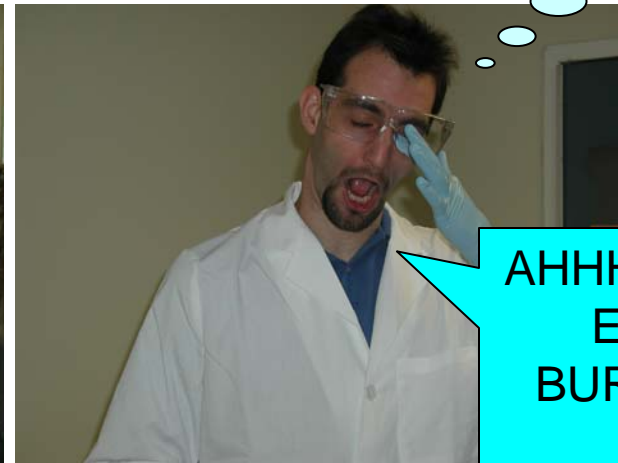


Hey Pia, how are you! I have harmful chemicals on my gloves and coat.

Now it's on you too! HAHA

My eye is itchy...

I always get thirsty when I work in the lab. Good thing I have this soda.



AHHHH! MY EYE BURNS!!!

Please remember to always be safe and consider the safety of others as well.