



Q&A from the webinar attendees

“New Normal in LAB & LAB Safety: How to Convince Others (that safety is important)”

By Dr. James A. Kaufman and Dr. Prapaipit C. Ternai

20 August 2020

Note: The answer from Dr. James A. Kaufman shown in orange and from Dr. Prapaipit C. Ternai shown in red below:

1. Can we have a copy of this presentation sent thru email? This is really good material we can share with our colleagues here.

Answer: Lecture Handouts are here <https://www.thailandlab.com/Conference/#Webinar>

2. Could you please talk about the New Normal?

Answer: Please observe social distancing, wear masks, wash hands regularly, and use hand sanitizers. (JK)

3. Is there a need for having a separate room for hoods or can be in the same area as the wet chemistry LAB?

Answer: No need. Fume hoods do not like to be in the small place. They need supply air to exhaust out. Besides they can exhaust any contaminated air from the wet lab. When hood are in small spaces the traffic can cause more turbulence and reduce the effectiveness of the hood. Please remember to check the integrity of the sash cables every two to three years. (JK)

4. We cannot find a service provider for our fume hoods in the lab, can you recommend any safety measures we can do on our own to check if our fume hoods are working. Thank you Dr. James

Answer: There are quite a lot of service providers to PM fume hoods here in Thailand but you have to make sure that they really know what they are doing. There are two major procedures to make sure that the fume hoods are working properly: smoke test & face velocity determination.

LSI has a free poster on the Golden Rules of Fume hood USE (JK)

<https://www.labsafety.org/product/golden-rules-for-chemical-fume-hoods-poster>

5. How often do we need to calibrate the fume hood in the laboratory?

Answer: Twice a year

A one inch strip of tissue paper is a very effective device to see if the hood is really working. It is called a "tell tail". (JK)

6. Hi Dr. Jim. We have several incidences here in the Philippines of centrifuge machines which result in numerous breakages due to imbalance during a centrifugation process. Do you have tips on how to prevent this?

Answer: Weigh the test tubes and their contents. If these are high-speed centrifuges, make sure that the rotor head is replaced before it exceeds its life expectancy. (JK)

7. Some of the days, due to long time wearing gloves, skin occur crumbling. Please suggest me how I could I control it."

Answer: Please send a picture of the skin condition. Make sure that the hands are dry inside the gloves. Use skin care lotion. (JK)

For additional questions and answers, please do not hesitate to email (jim@labsafety.org), call (508-574-6264), or Skype (labsafe). (JK)