Particle Characterization: Module 3, Lecture 10

1. Sketch a typical normal distribution & name common sources.
2. Sketch a typical lognormal distribution & name common sources.
3. Sketch a typical power law distribution & name common sources.
4. Define surface cleanliness “Levels”.
5. Define fluid cleanliness “Classes”.
6. How are fluid “classes” and surface “levels” related?
7. When is mass mean diameter likely to be different from volume mean dia? Give an example.
8. When is it less risky to represent PSDs as continuous functions?
9. What are the typical columns in a particle counter?
10. In which type of PSD are the various “mean diameters” likely to be most different?