1. Design air velocities at sash heights appropriate for given use. Where applicable, performance standards for fume hood exhaust as described in ASHRAE or AIHa (American Industrial Hygiene Association) are to be used by designers.

2. Incorporated design safety features fume hood section to include design criteria for conducting safe shutdown and maintenance functions. (i.e. lock-out on fans and isolation dampers online to fan.)

3. The specific details for operation, maintenance and isolation shall be developed for each fume hood exhaust system design. Diagrams required for operation, maintenance and isolation shall be included in each operations and maintenance data submission as designed by the design engineer.

4. Appropriate signage shall be developed in conjunction with Facilities & Operations as a part of each project to indicate to users, those accessing roof-top areas and exhaust/fume hood maintainers of the hazards / safety procedures to be followed. (i.e.: Roof Area exhaust systems evacuate atmospheres that require the following procedures... do not enter the roof top area without the following steps having been performed...!)

5. For heat recovery systems required for fume hood systems. The designer shall review options and determine the most logical approach for the individual fume hood systems / applications.

6. Variable volume fume hood exhaust using strobic fans is an acceptable practice for U of A installations.