OFFICE OF ENGINEERING SAFETY
Dwight Look College of Engineering • Texas Engineering Experiment Station
A safe and healthful environment for scholarship and research

Control of Harmful Substances by Ventilation

Download additional self-inspection checklists at http://engineering.tamu.edu/safety/

Date _____ Room No. _____

Inspector _____ Location _____

Faculty/PI _____ Dept. _____

Items for evaluation	Yes	No	Comments	Action to be taken
Is the volume and velocity of air in each exhaust system sufficient to gather the dusts, fumes, mists, vapors or gases to be controlled, and to convey them to a suitable point of disposal?				
Are exhaust inlets, ducts and plenums designed, constructed, and supported to prevent collapse or failure of any part of the system?				
Are clean-out ports or doors provided at intervals not to exceed 12 feet in all horizontal runs of exhaust ducts?				
Where two or more different type of operations are being controlled through the same exhaust system, will the combination of substances being controlled, constitute a fire, explosion or chemical reaction hazard in the duct?				
Is adequate makeup air provided to areas where exhaust systems are operating?				
Is the source point for makeup air located so that only clean, fresh air, which is free of contaminants, will enter the work environment?				
Where two or more ventilation systems are serving a work area, is their operation such that one will not offset the functions of the other?				
Are ventilation systems inspected regularly and repaired/cleaned as necessary?				
Are all fume hoods and local exhaust systems inspected regularly?				
Are all affected individuals trained in proper operation of fume hoods and exhaust ventilation systems?				