

AGET MANUFACTURING COMPANY

! IMPORTANT SAFETY INFORMATION ! **Installation & Maintenance Supplement**

Page 1 of 2

Review this information prior to starting installation of any dust or mist collection equipment. Safe and proper installation and maintenance of the collection equipment, duct system, capture hoods and any related accessory items is crucial to achieve a safe, efficient, and successful collection and ventilation system.

INSTALLATION

1. Insure that all aspects of the collection equipment, related ancillary equipment or accessory items, and duct materials are appropriate and properly equipped for the intended use. This is particularly important if the dust or contaminant is toxic, explosive, combustible, or hazardous in any way. Follow guidelines provided by NFPA, OSHA, and any applicable state or local jurisdiction.
2. Review the equipment and requirements for the task and insure that all necessary equipment is on hand to insure a safe installation in accordance with OSHA regulations and guidelines. In addition to the obvious tools and personal protection items (i.e. safety glasses, hard hats, gloves), this may include such things as safety harnesses for high locations, lifting equipment such as fork lifts or cranes.
3. If equipment such as ladders, scaffolds, man-lifts or cranes are to be used, make sure that no overhead hazards such as power lines are present in the area.
4. Electrical controls, components and wiring must be as per the most current edition of the National Electrical Code, NFPA 70.
5. Electrical installation and connection must be performed by a licensed and qualified electrician and in accordance with the National Electrical Codes, NFPA 70, and any other federal, state or local codes that may be applicable.
6. When servicing this equipment, always follow lock out procedures and follow the recommendations of NFPA 70E, "*Handbook for Electrical Safety in the Workplace*", most current edition.
7. Duct systems, materials, and the related installation, must be designed so as to insure adequate transport velocity in order to avoid drop out of captured dust or debris in the system. Velocity must be sufficient to convey all such material the entire length of the system so as to reach the collection equipment. Duct materials must be of an electrically conductive material and properly grounded. The recommended authority is "*Industrial Ventilation, a Manual of Recommended Practice*" published by the American Conference of Governmental Industrial Hygienists, online at www.acgih.org.

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Page 2 of 2

MAINTENANCE (General)

1. Refer to and review the specific Operating & Maintenance booklet provided with the equipment. If not present, download a copy from the Aget Manufacturing Company website at www.agetmfg.com. They are located on the web page covering each specific type of collector, i.e. Mistkop, Pull-Through Cyclones, etcetera.
2. When servicing the equipment, follow the recommendations of NFPA 70E, 2012, the "*Handbook for Electrical Safety in the Workplace*".
3. Insure that fire extinguishers are in the area and that they are of a type dedicated to, and specifically rated for, the type of fire that could potentially be encountered in the collection equipment, duct, or the general area. Consult NFPA 10: "Portable Fire Extinguishers" to determine the required fire extinguisher rating for the specific application and materials being handled in the system.
4. Persons working in the area of the collection equipment, especially fans, may require noise protection. Determine if this is appropriate and utilize hearing protection if needed, or take steps to control the sound level such as vibration isolation, sound absorption, and sound barriers. Aget also offers Sound Attenuators, or mufflers, for insertion in the duct systems.
5. Personnel servicing the equipment and handling and disposing of the collected dust or debris must dress appropriately and be equipped properly for the task at hand. This may include protective clothing, gloves, breathing apparatus, etcetera. Even with the most "normal" dusts, a filtered breathing mask and goggles should be required.
6. Empty the collection systems storage containers on a regular, pre-scheduled basis, and dispose of collected dust and/or debris according to all federal, state, and local laws and regulations.