

# Preventative Maintenance Schedule

## Ibis Central Vacuum Systems

### Daily

D1- Hold open a hose drop station for 90 seconds. Vacuum should remain constant strong , and without interruptions for the full 90 seconds.

D2- Reduce the secondary filter cleaning dump time to one minute. Observe operation of the secondary filter dump cycle ensuring all valves are opening and closing. Return the dump time to its original setting.

D3- Observe pump , check for unusual noise or vibration (**see note 1**)

D4- Observe pump amperage , ensure that the amperage draw is within normal parameters for your system. ( **see note 2**)

### Weekly

W1- Shut down system in accordance with the startup and shutdown procedure , open doors to the secondary filter inspect filter bags for tears, cleanliness and appearance. If filter bags appear to be threadbare, or have a slick or shiny appearance , a filter change out should be scheduled. Inspect the bottom of the filter, only a small amount of fine dust should be present in the filter if bulk material is found perform preventative maintenance check M1.

W2- Take bearing housing temperatures on your pump. Bearing housing temp should never exceed 225 F. this reading should be recorded, and a trend established. If there is a significant shift further investigation is warranted. ( **see note 3** )

### Monthly

M1- Remove ,and inspect both receiver screens for tears and excess accumulation of material. This can be accomplished while the system is in operation by using the A only B only option on your touch screen panel.

M2- Observe all receiver tank valves during normal operation ensure valves are opening and closing quickly.

M3- Open the hopper door beneath the receivers observe dump door operation ensure both doors are closing and opening fully . ensure that there is no material trapped between the door and the door seal.

### **Quarterly**

Q1- inspect all piping and bracing throughout the plant inspect automatic operation of all pickup points

### **Semi-annual**

S1- Change out grease in pump bearings after the first six months of operation . this procedure should be accomplished every two years thereafter.

Note 1: If an unusual noise or vibration is observed check W2 should be performed, followed by the pump efficiency test outlined in the troubleshooting flowchart.

Note 2: Refer to troubleshooting flowchart if an abnormal condition exists

Note 3: This check is not required by the pump manufacturer or by Ibis International; however, although bearing failure is not a common occurrence when it does happen, it is rare that only the bearing is affected. Repair costs can easily exceed \$10,000 , and a thirty-day lead-time on parts is common. So it is highly recommended that these PM schedules are kept.