

Material Handling Systems Equipment Analysis Preventative Maintenance Check

As we all are aware, when we see a given object each and every day, we do not really see, nor are we concerned about this object. The same is true with various systems in our manufacturing facilities- out of sight; out of mind. How often do we have to provide crisis maintenance because equipment failed due to improper preventative maintenance?

ADAMS Engineers and Equipment is now providing a Preventative Maintenance and equipment evaluation program to our customers. This program will provide an outside look at various systems and equipment within your facility. We will check the following items and provide a list of equipment repairs necessary for continued uninterrupted operation.

All checks will be performed in accordance with good manufacturing practices. If down time is not allowed all checks will be made with equipment in operation as necessary.

Material Handling Systems

- Check all filters for tears, fit and cleanliness
- Check vacuum power units belts where possible.
- Check vacuum at power unit.
- Check hoses and pick-up wands
- Check fill and blow back times
- Check electrical connections in cabinets.
- Check for proper material flow.
- Check receivers for proper fit.
- Check sequence TEE valves where possible
- Check dryer dew points

ADAMS Engineers and Equipment will provide a report detailing corrections made and action items requiring further attention. The investment in your future profits is \$500.00 per *Equipment Analysis and Preventative Maintenance Check*.

What is your ROI?

Let's assume for a minute material is received in Gaylord containers. Most manufacturing facilities do not properly cover these containers when they are brought to the production floor. For a point of discussion assume material average cost is \$1.00 per pound. For each Gaylord used there is typically material left in the bottom (wasted, scrap, money out the door). If each machine used 1000 pounds of material per shift and only 5 pounds is wasted that is \$5.00 per shift. This translates to \$3900 per machine lost each year.

Another example: an injection molding machine is running full auto with a central system pulling material from a silo. Due to dirty filters the central system can no longer keep up with material requirements through out the plant. One machine goes down due to no material twice a week. By the time it is determined the machine has run out of material a few minutes have passed. Machine is out of production a total of one hour each time it goes down. At \$45.00 per hour this is a loss of \$4500.00 per year. This is in addition to the indirect overhead of a person to restart the machine.

How many hours of production are lost because dry material is not available? How many parts are rejected due to wet material? What does it cost to rerun these parts? There is no substitute for good dry material.

Please contact your local ADAMS Engineers and Equipment salesman for further details on how we may be of assistance.