

Preventative Maintenance

Preventative Maintenance is planned and scheduled maintenance aimed at preventing breakdowns and failures. Equipment or system failure can cause spills, leaks or other discharges into the environment that could have adverse effects. Ensuring that equipment is properly operating is important not only for continued production, but also to ensure that the environment is protected. Preventative Maintenance also prolongs the life of equipment, which saves resources.

It is about being proactive and involves regular:

- inspection
- testing
- repair and replacement



The first step is to identify the equipment or systems that could malfunction and cause discharges to the environment.

This includes things like:

- pumps
- tanks
- stormwater management systems
- monitoring equipment
- valves
- pipes & hoses
- air pollution equipment

Once the equipment is identified, the next step is to determine an appropriate inspection and maintenance schedule. The schedule and program can be developed from recommendations of the manufacturer, regulatory requirements, government policy and company procedures.

Strive FOR Wise

DID YOU KNOW?

- Record keeping is an important part of any preventative maintenance program. The program will not work unless the task is completed and records are kept of what has been done.
- Preventative maintenance is an important step to higher environmental performance!

All your questions and discussion topics are on the reverse side - get talking!

Preventative Maintenance

Company _____ Date _____ Delivered by _____

Other topics discussed _____

Name	Signature	Name	Signature
_____	_____	_____	_____
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QUESTIONS/DISCUSSIONS

RECORD RESPONSES SPECIFIC TO YOUR SITE

1. What equipment or systems do you have that may have an effect on your environmental performance? _____

2. What equipment do you have on a preventative maintenance program now? _____

3. What equipment or system should be included in a preventative maintenance program? _____

EARTH 1st Champions for June 2016:

Walker Emulsions' Brad Mercer is taking action wherever he can to reduce impacts on the environment. Constantly coming up with solutions to reduce and divert waste, Brad's collective small wins are making a big impact at the Burlington plant. He is a waste diversion champion! If he sees a fellow employee trying to dispose of something that can be reused, he finds a way for that material to find new life within the plant. Not only does he find ways to reuse materials, but is also committed to sorting Walker Emulsions' recyclables to ensure that as much material as possible is diverted from landfills through proper disposal.

Two of his most recent initiatives have involved cooperation with Municipalities. Asphalt emulsions must be tested before it is sent out. This is achieved by filling clean paint cans with the emulsion for laboratory testing. Due to the emulsion remaining on the sides of the paint cans, these used to be disposed to landfill. After contacting the local Municipality to find out more about waste collection, Walker Emulsions determined that these paint cans with dried emulsions could in fact be accepted and recycled. Brad also identified that the water used to clean out the heat exchangers and tanks did not seem to be contaminated. Halton Region was engaged and the wastewater was tested and determined that it could be diverted to the sewer rather than be picked up, hauled and treated alternatively. This not only saves time, resources, carbon emissions from the transportation of wastewater, but also gives Walker Emulsions the opportunity to demonstrate

to the Region that they are committed to lowering their overall impacts.

Thank you to Brad for continuing to be a champion of the environment and going above and beyond to reduce impacts!



We are the environment!
commit ■ create ■ participate