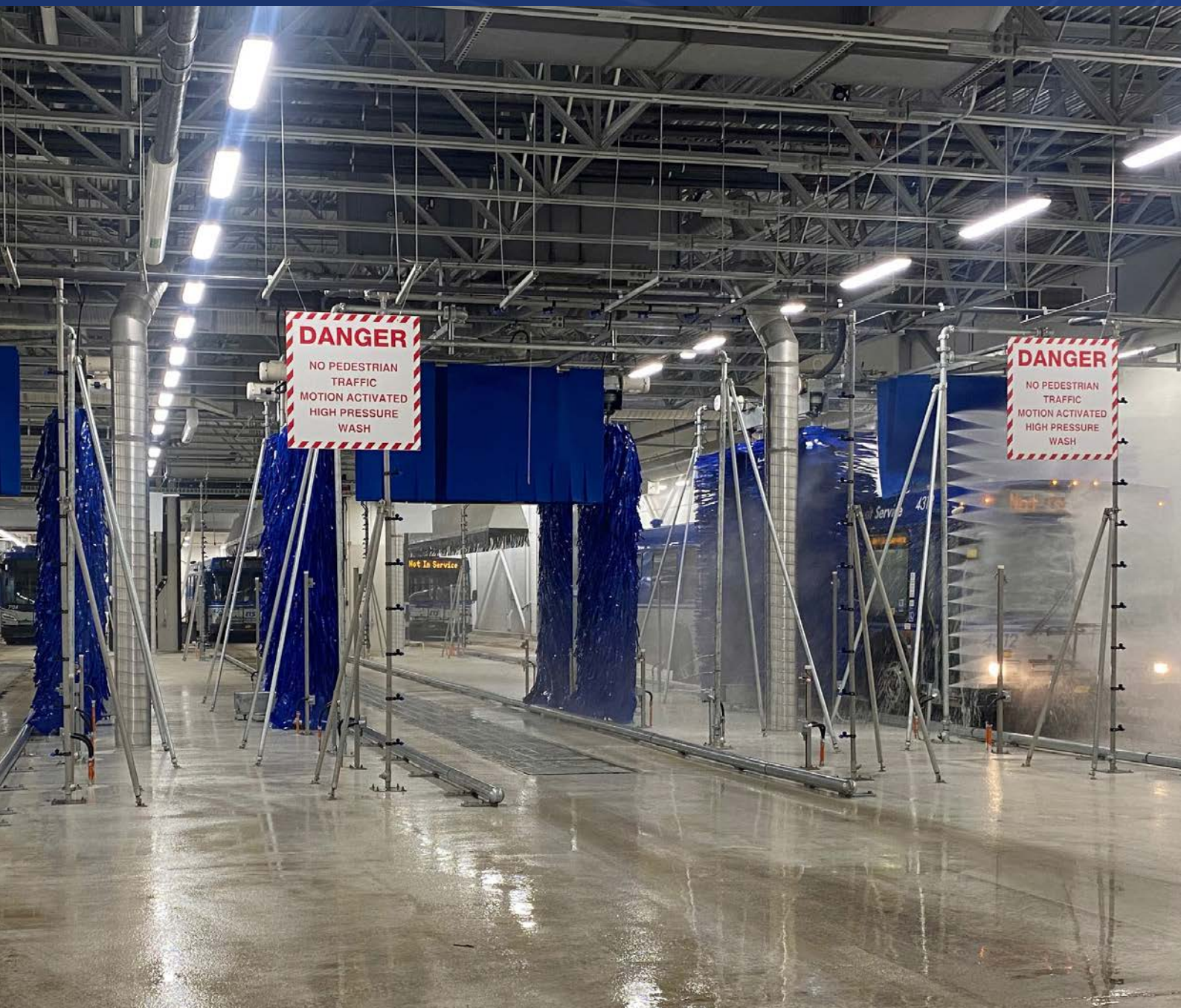


TRANSIT WASH SYSTEMS

Maintenance Considerations



TRANSIT VEHICLE AND WASH SYSTEM MAINTENANCE GO HAND-IN-HAND.

Spending time and effort washing your transit buses and trains helps to keep your fleet working properly in addition to reducing downtime and increasing ROI.



THE VALUE OF CONSISTENT MAINTENANCE

If you own a transit fleet, you know how important it is to have clean and operational vehicles at all times. Routine and preventative maintenance of your wash system not only helps maximize its life span but also reduces the potential need for major repairs which can lead to long service interruptions and be costly to address. In addition, routine upkeep helps maintain system effectiveness, ensuring vehicles are thoroughly

and properly cleaned.

Improperly working wash systems do not effectively removing the dirt, debris, and chemicals that put a vehicle at risk of premature equipment failure and rust. On top of damage concerns, safety issues can arise if necessary signage is covered by dirt or debris, and the overall dirty look of your vehicles can negatively affect the perception of your transit agency.

ELEMENTS AFFECTING YOUR WASH SYSTEM'S NEED FOR MAINTENANCE

Without regular maintenance, you run the risk of damaging your fleet and shortening the life span of your wash system. The following elements can directly affect transit wash system performance, causing you to spend more money on service, parts, and labor for your wash system and fleet.

WEATHER

When it snows, salt or other chemicals are applied to the roads for safety. Unfortunately, salt and other chemicals attack vehicle frames and undercarriages, which can cause significant corrosion to your fleet if not washed off properly.

InterClean offers systems with a freshwater winter operations option allowing you to quickly switch over for the season, and decontaminate the underside of your vehicles from these corrosive agents.

Winter time operations can be strenuous on your wash system. Because of this InterClean strongly recommends a pre-winter preventative maintenance and inspection of the wash system prior to the busy winter season, helping to ensure minimal downtime when the wash system is needed the most.

WATER QUALITY

The source and pressure of your water can affect how effectively your wash system operates. Due to its high surface tension, hard water can cause substantial mineral buildup in your wash system which can clog your pipes, reduce the flow and cause unnecessary stress on your system.

Consider adding a water softener to your wash system build which, when properly maintained, is an effective means of mitigating calcium and mineral buildup inside your pipes and hot water heater.

Annual maintenance for this system may include brine tank cleaning, settings optimization, water assessment, and valve or sealing ring replacement.

EXTEND THE LIFE SPAN OF YOUR WASH SYSTEM

Routine and daily inspections, routine maintenance and scheduled maintenance keeps your system washing effectively while minimizing operating costs.

Routine Wash Bay Equipment Inspections & Maintenance

Routine maintenance tasks are done at regular intervals to keep a system and its components working properly.

Goals of routine maintenance and inspections :

- » Keeping the system and its component parts clean and clear of debris
- » Inspecting moving parts that may become loose over time
- » Checking fluid levels and replace or refill as needed

Depending on the task, routine maintenance and inspections may be performed daily, weekly, or monthly– but it's important to find out what the OEM recommends for your specific system. You should always follow the manufacturer's instructions and information for all maintenance procedures and scheduling.

For example, wash bay, photo eye and nozzle cleaning should be done daily along with chemical (detergent), valve and seal, and tire guide checks. Alternatively, lubricant level and gear checks might be performed on a weekly or monthly basis.

Regular wash bay equipment inspections and upkeep help to avoid larger issues that can arise, which cost more to correct - in both time and money.

Sticking to a fixed maintenance schedule not only helps to maintain your equipment but is also a way to track when it's time to replace certain parts nearing the end of their life span.



Scheduled and Preventative Maintenance Service Plans

Replacing aging and/or worn parts as part of a planned maintenance outage can help avoid the costs of an emergency repair and the associated downtime.

There are a number of complex working parts in your wash system that require ongoing maintenance. Many of these parts have a typical life expectancy and should be replaced as they near the end - before the point of failure.

Maintenance technicians are knowledgeable about the expected life span and limitations of your system. Many manufacturers have maintenance plans available which include a set number of site visits where their experts will inspect known wear items and provide service or replacement recommendations based upon the age and condition of the equipment.

InterClean Maintenance Program

InterClean offers a complete routine and preventative maintenance program, conducting on site visits to keep your equipment washing effectively and minimize operating costs.

Routine Maintenance: Inspect and service items in the wash bay and equipment room. Examples include photo eye cleaning and alignment, nozzle cleaning, pump inspection, chemical (soap) supply check, etc.

Preventative Maintenance: Inspecting known wear items and provide service / replacement recommendations based upon the age and condition of the equipment.

Equipment Optimization: This includes adjustments to equipment that optimize cleaning, such as arch timing, nozzle alignment cleaning, and other adjustments to maximize cleaning efficacy.

Training: InterClean can provide training to cover equipment operation, maintenance procedures, and basic troubleshooting.

Reporting: Complete service report provided as record of the visit.

Chemical System Maintenance: 1 site visit per year.



Far more will be spent once a major failure occurs, compared to the costs of having routine and preventative maintenance done to keep costly breakdowns from happening.





Stay Up to Date on Your Wash System Maintenance

We are passionate about helping transit municipalities and agencies make a great impression with clean fleets. Our wash systems have many features that offer a superior wash performance for your transit fleet.

Our in-house staff and trusted network of distributors will be with you from wash system commission through startup and beyond.

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