

Loading Dock Maintenance Checklist

Printable source-mapped inspection log and corrective-action framework

Version 1.0 contains 82 operational checkpoints: 22 pre-use checks, 28 periodic facility-audit checks and 32 technician planned-maintenance tasks. It also includes eight separately counted program controls. In the OSHA provisions reviewed for this release, no single calendar interval is specified for all loading-dock equipment.

First published: July 22, 2026 **Last verified:** July 21, 2026 **Version:** 1.0

The evidence reviewed supports a three-layer framework: a visual and functional check before use, a documented whole-position condition audit, and equipment-specific planned maintenance at the interval in each current manufacturer manual, within applicable law and site policy.

Measure	Version 1.0 result
Operational checkpoints	82
Pre-use / operating-day	22 (26.8%)
Periodic facility audit	28 (34.1%)
Technician planned maintenance	32 (39.0%)
Program controls	8, counted separately
Operational-matrix construction sources	13
Supplementary official OSHA sources	2

How to use this PDF

1. Identify the equipment. Record the facility, bay, asset ID, manufacturer, model, serial number and current manual.
2. Use only applicable rows. Mark N/A when the component is not installed. The current equipment manual controls model-specific procedures and intervals.
3. Do not turn a failed check into a repair instruction. Operators report; assigned personnel diagnose, isolate, adjust, repair and release equipment under the controlling procedure.
4. Create a deficiency record. Every failed safety-relevant item needs a Check ID, condition, interim control, owner, due date and documented closure.
5. Set evidence-based intervals. Monthly is an editable facility-audit default, not an OSHA mandate. Use applicable requirements, the exact installed manual, use, environment and event history.

Safety and scope: This document is general educational material, not equipment-specific instructions, a compliance determination or authorization to perform maintenance. Use site-specific hazardous-energy controls and manufacturer-specified supports. When a condition may affect safe operation, keep the affected equipment or area controlled until the required evaluation is complete.

Verified Loading-Dock Inspection Frequencies by Source

Source	Applies to	Verified frequency	Boundary
OSHA 1910.22	Applicable walking-working surfaces	Regularly and as necessary; hazards corrected before reuse or guarded until corrected	Condition-based rule, not a universal whole-dock calendar
Blue Giant levelers	Cited mechanical and hydraulic models	Operator examination prior to any use; PM every 3 months single shift or monthly multi-shift	Exact model and revision control
RVR303 restraint	Cited Rev. 1.8 restraint	Operator examination prior to any use; same PM schedule; identified annual hydraulic items	RVR303-only example
DASMA TDS 270	Rolling doors	At least annually or per manufacturer; quarterly electric-door evaluation; immediate evaluation after high wind, seismic activity or flooding	Rolling-door scope only

Source: OSHA 1910.22; cited Blue Giant owner manuals; DASMA TDS 270. Product and door-type qualifiers remain part of each statement.

Program Controls, PC-01 Through PC-08

Version 1.0 adds eight program controls above the 82 operational rows because they determine which instruction applies, who may act and whether a failed item stays controlled.

ID	Program control	Evidence maintained	Target state	Source basis
PC-01	Equipment register	Record each dock position's door, operator, leveler or dockboard, restraint, bumper and accessory make, model, serial number, rated capacity where applicable and current manual location.	The exact installed equipment can be identified without guessing.	[BG-MDL-2024], [BG-HDL-2024], [BG-RVR303-2026], [DASMA-TDS270]
PC-02	Manual control	Keep the current owner, user and service instructions matched to each installed model and revision.	Operators and maintainers can retrieve the controlling instructions.	[BG-MDL-2024], [BG-HDL-2024], [BG-RVR303-2026], [DASMA-TDS270]
PC-03	Inspection cadence	Document a site-specific schedule based on applicable requirements, the exact manual, operating cycles, environment, impacts, age and observed condition.	No interval is copied from an unrelated model or presented as a universal legal rule.	[OSHA-1910.22], [BG-MDL-2024], [BG-HDL-2024], [BG-RVR303-2026], [DASMA-TDS270]
PC-04	Role boundaries	Assign operator observations, facility or EHS inspections, authorized maintenance, trained door-systems work, electrical work and qualified structural repair.	A failed observation does not become an unauthorized repair instruction.	[OSHA-1910.21], [OSHA-1910.22], [OSHA-1910.147], [DASMA-TDS270], [BG-MDL-2024], [BG-HDL-2024], [BG-RVR303-2026]
PC-05	Energy and work-zone control	Maintain equipment-specific hazardous-energy, barricade and manufacturer-support procedures for covered servicing.	Authorized personnel can isolate applicable energy and physically support equipment before exposure.	[OSHA-1910.147], [BG-MDL-2024], [BG-HDL-2024], [BG-RVR303-2026]
PC-06	Defect control	Define how failed checks are tagged, guarded, restricted, repaired, tested and authorized for return to service.	Known hazards cannot disappear between an inspection form and the next shift.	[OSHA-1910.22], [OSHA-STD-01-11-007], [BG-MDL-2024], [BG-HDL-2024], [BG-RVR303-2026]
PC-07	Records	Retain inspection, PM, repair, parts, measurements, test results and return-to-service records by bay and asset.	A reviewer can reconstruct what was found, what changed and who released the equipment.	[BG-MDL-2024], [BG-HDL-2024], [BG-RVR303-2026], [NOVA-PM]
PC-08	Event-triggered review	Define immediate review triggers after vehicle or forklift impact; high wind, flooding or seismic activity affecting a rolling door; or any condition in which dock equipment is structurally damaged, shows performance irregularities or may have been compromised.	Abnormal events can override the calendar schedule.	[DASMA-TDS270], [BG-MDL-2024], [BG-HDL-2024], [BG-RVR303-2026]

Source: Version 1.0 Program Control Framework; source basis and evidence class are maintained in the Excel workbook and public article.

Pre-Use Checklist, LD-001 Through LD-022

Perform only the visible and normal functional checks assigned by training, site procedure and the current installed-equipment manual. A failed check does not authorize repair.

ID / result	System	Checkpoint	Acceptable condition	If not acceptable	Role	Source
LD-001 [] P [] F [] N/A	Dock area and walking surfaces	Clear loose debris, packaging, pallets, straps and other trip or obstruction hazards from the dock approach, platform and travel path.	Travel paths are orderly and free of objects that could trip a person, catch equipment or block access.	Correct the condition before use or guard the affected path; record a deficiency if it cannot be corrected immediately.	Trained operator	[OSHA-1910.22], [BG-HDL-2024]
LD-002 [] P [] F [] N/A	Dock area and walking surfaces	Check for spills, leaks, standing water, snow, ice or another slip hazard.	The surface is as clean and dry as feasible, and drainage or temporary controls are functioning where needed.	Clean, contain or guard the condition before normal use; escalate a continuing leak or drainage failure.	Trained operator	[OSHA-1910.22]
LD-003 [] P [] F [] N/A	Dock area and walking surfaces	Confirm a safe, unobstructed route into and out of the dock position.	Employees can enter and leave without climbing over equipment or crossing a known hazard.	Restore safe access or restrict the route until the hazard is controlled.	Trained operator	[OSHA-1910.22]
LD-004 [] P [] F [] N/A	Lighting and communication	Check the interior and exterior lighting needed to see the dock, trailer interface and controls.	The work area and equipment are visibly illuminated; no failed fixture prevents the assigned check or operation.	Do not continue an operation that cannot be seen adequately; report failed lighting or damaged fixtures.	Trained operator	[BG-HDL-2024], [BG-RVR303-2026]
LD-005 [] P [] F [] N/A	Documentation and warnings	Verify that operating placards, exterior signs and critical caution or danger labels are present and legible.	Required instructions and warnings can be read from their intended positions.	Report and replace missing or illegible material under the current manufacturer documentation.	Trained operator	[BG-HDL-2024], [BG-RVR303-2026]
LD-006 [] P [] F [] N/A	Dock edge and fall controls	Observe dock-edge markings and any installed gates, chains, rails or barriers for obvious damage or displacement.	Installed controls are visible, secured and positioned as intended; the site's fall-hazard evaluation remains applicable.	Guard or restrict the exposed area and obtain a site-specific evaluation before normal use.	Trained operator / supervisor	[OSHA-1910.28], [OSHA-1910.22]
LD-007 [] P [] F [] N/A	Dock structure and bumpers	Look for new concrete cracking, loose curb angles, displaced steel, impact damage or deterioration around the pit and dock face.	No visible change suggests a loss of support, unstable attachment or new trip edge.	Restrict the affected area and obtain qualified structural evaluation when integrity may be involved.	Trained operator / supervisor	[OSHA-1910.22], [BG-HDL-2024]
LD-008 [] P [] F [] N/A	Dock structure and bumpers	Check dock bumpers, risers and extensions for missing, loose, split or displaced components.	Components remain attached and positioned to protect the building and dock equipment during normal trailer contact.	Report the condition and restrict use when the defect could change trailer position or damage equipment.	Trained operator	[BG-HDL-2024], [BG-RVR303-2026]
LD-009 [] P [] F [] N/A	Dockboard or dock leveler	Confirm that the dockboard or leveler is appropriate for the intended load and application.	The known rated capacity and configuration are suitable for the load, span and material-handling equipment.	Do not use when capacity or suitability is unknown; verify the asset record and current manual.	Operator / supervisor	[OSHA-1910.26]
LD-010 [] P [] F [] N/A	Dockboard or dock leveler	Inspect the deck and lip for visible cracks, holes, severe corrosion, bending or warping.	Load-bearing surfaces appear intact, stable and free of damage that creates a trip or structural concern.	Stop or restrict use and obtain authorized evaluation when damage may affect safe operation.	Trained operator	[OSHA-1910.22], [NOVA-PM]
LD-011 [] P [] F [] N/A	Dockboard or dock leveler	Remove debris from the lip, hinge line, pit edge and other exposed moving interfaces that can be reached without entering a danger zone.	No loose material visibly interferes with travel or creates a pinch or trip hazard.	Use the approved safe-cleaning method; do not reach into a pinch point or enter beneath equipment.	Trained operator	[BG-MDL-2024], [NOVA-PM]
LD-012 [] P [] F [] N/A	Hydraulic or powered equipment	Look for visible hydraulic-oil leaks, damaged hoses or wet fittings around the leveler or restraint.	No active leak, abraded hose, loose fitting or pooled oil is visible.	Stop or restrict the affected equipment, contain the spill and refer diagnosis or repair to authorized personnel.	Trained operator	[BG-RVR303-2026], [NOVA-PM]
LD-013 [] P [] F [] N/A	Electrical and controls	Check the control station, pendant, cords and enclosures for visible damage, looseness or missing covers.	Controls are secured, intact and dry, with no exposed conductor or open enclosure.	Do not open or repair electrical equipment; restrict use and notify authorized electrical or maintenance personnel.	Trained operator	[BG-RVR303-2026], [NOVA-PM]
LD-014 [] P [] F [] N/A	Dockboard or dock leveler	Perform only the normal pre-use functional cycle allowed by the current manufacturer manual and site procedure.	The equipment completes its intended motion without binding, hesitation, abnormal noise, uncontrolled movement or a fault indication.	Stop the cycle when safe, prevent reuse and record the observed behavior for authorized evaluation.	Trained operator	[BG-MDL-2024], [BG-HDL-2024]
LD-015 [] P [] F [] N/A	Portable dockboards and plates	Verify that the portable dockboard is anchored, secured or has sufficient contact where securing is demonstrably infeasible.	The device cannot move out of a safe position during the intended operation.	Reposition or secure it before use; do not drive over an unstable device.	Trained operator	[OSHA-1910.26]
LD-016 [] P [] F [] N/A	Portable dockboards and plates	Confirm that handholds or another safe handling means are available and undamaged.	Employees can position the device using its intended handling feature without improvised lifting.	Remove the device from use until a safe handling means is restored.	Trained operator	[OSHA-1910.26]
LD-017 [] P [] F [] N/A	Trailer or railcar securement	Confirm that the highway truck, trailer or railcar is prevented from moving while the dockboard is in use.	The applicable controls - such as brakes and wheel chocks, railcar wheel stops or other recognized positive protection, or a positive mechanical restraint installed, maintained and used to provide equivalent protection - are correctly applied under the site procedure.	Do not enter the vehicle until the required movement-control procedure is complete.	Dock operator / PIT operator	[OSHA-1910.26], [OSHA-1910.178], [OSHA-STD-01-11-007]

ID / result	System	Checkpoint	Acceptable condition	If not acceptable	Role	Source
LD-018 [] P [] F [] N/A	Vehicle restraint and chocks	Check that the installed restraint or required wheel chocks are present, undamaged and operational.	The restraint engages and releases as intended, or the chocks are correctly positioned and serviceable under the site procedure.	Keep the trailer entry closed to traffic until the required control is restored or an approved alternate procedure is applied.	Dock operator / supervisor	[OSHA-1910.178], [OSHA-STD-01-11-007], [BG-RVR303-2026]
LD-019 [] P [] F [] N/A	Vehicle restraint and communication	Verify that inside and outside indicator lights, signs and audible warnings follow the intended operating sequence.	Signals are visible or audible and agree with the restraint's observable state under the manufacturer procedure.	Treat inconsistent signals as a failed control; prevent entry and escalate to authorized service personnel.	Dock operator	[BG-RVR303-2026], [NOVA-PM]
LD-020 [] P [] F [] N/A	Rolling door	Observe the door through a normal cycle only when safe to do so, and confirm that it travels without binding and remains in its intended open position.	Movement is controlled, with no uncontrolled descent, severe noise, binding or failure to remain open.	Stop operation and keep people clear; refer abnormal movement to a trained door systems technician.	Trained operator	[DASMA-TDS270]
LD-021 [] P [] F [] N/A	Rolling door	Visually check guides, curtain or grille rods, bottom bar and exposed fasteners for loose, bent, detached or hanging parts.	No component appears likely to fall, snag or interfere with door travel.	Restrict the opening and request trained door-system evaluation; do not adjust counterbalance components.	Trained operator	[DASMA-TDS270]
LD-022 [] P [] F [] N/A	Records and escalation	Record every failed item with the dock or bay, asset identifier, immediate control and person notified.	The record is complete enough to trace the condition and prevent unnoticed reuse.	Create a deficiency ID and keep the restriction or interim control visible until authorized closure.	Operator / supervisor	[OSHA-1910.22], [BG-MDL-2024]

Source: Row-level source codes are defined in the Primary-Source Register. Acceptable-condition and failed-item-action language is Version 1.0 editorial synthesis unless a source-specific limit is identified.

Facility Audit Checklist, LD-023 Through LD-050

Monthly is an editable whole-position audit default in Version 1.0. Adjust the cadence using applicable requirements, exact manuals, use, environment, defects and event history.

ID / result	System	Checkpoint	Acceptable condition	If not acceptable	Role	Source
LD-023 [] P [] F [] N/A	Documentation and warnings	Match each dock position to an asset ID, manufacturer, model, serial number, rated capacity where applicable and current manual link.	Installed equipment can be uniquely identified and its controlling instructions can be retrieved.	Hold model-specific maintenance decisions until the asset and manual are verified.	Facility or EHS inspector	[BG-HDL-2024]
LD-024 [] P [] F [] N/A	Documentation and warnings	Check that current manuals, operating placards and safety labels have not been removed, damaged or superseded.	Current documentation is available and legible for the installed equipment revision.	Replace or update the record before relying on an unknown or mismatched instruction.	Facility or EHS inspector	[BG-HDL-2024]
LD-025 [] P [] F [] N/A	Records and escalation	Review all open deficiencies and verify that known hazards are corrected, guarded or otherwise controlled before reuse.	No known safety-relevant condition has been silently returned to service; each open item has an owner and due date.	Reinstate the documented restriction or guard and escalate overdue safety-relevant work.	Supervisor / EHS	[OSHA-1910.22]
LD-026 [] P [] F [] N/A	Dock area and walking surfaces	Inspect the full approach, apron, platform, stairs, ramps and passageways for housekeeping and access issues.	Surfaces are orderly, reasonably dry, unobstructed and provide safe access and egress.	Correct or guard the affected area and document recurring conditions.	Facility or EHS inspector	[OSHA-1910.22]
LD-027 [] P [] F [] N/A	Dock area and walking surfaces	Inspect for potholes, spalling, corrosion, protrusions, loose boards or plates, leaks and other surface deterioration.	No condition compromises footing, wheel travel or the surface's ability to support its intended load.	Restrict the area and obtain qualified evaluation when structural integrity may be affected.	Facility or EHS inspector	[OSHA-1910.22]
LD-028 [] P [] F [] N/A	Dock pit and drainage	Inspect the pit, drains and low points for accumulated debris, standing water, corrosion or blocked drainage.	The area is clean enough for inspection and equipment movement; water is not masking damage.	Use the model-specific safe-access procedure and correct drainage or contamination before maintenance proceeds.	Facility inspector / authorized maintenance	[BG-MDL-2024], [NOVA-PM]
LD-029 [] P [] F [] N/A	Dock edge and fall controls	Inspect dock-edge markings and installed rails, chains, gates, bollards or barriers for condition and visibility.	Installed controls are secure, visible and not defeated; the site-specific fall-hazard evaluation remains current.	Guard or restrict the exposure and obtain a configuration-specific review.	Facility or EHS inspector	[OSHA-1910.28], [OSHA-1910.22]
LD-030 [] P [] F [] N/A	Portable dockboards and plates	For dockboards put into initial service on or after January 17, 2017, verify that required run-off protection is present and maintained, unless the employer has demonstrated that no run-off hazard exists.	The applicable run-off protection is present, maintained and undamaged, or the employer's no-run-off-hazard demonstration is documented for the configuration.	Remove the device from use or obtain qualified confirmation before continued use.	Facility or EHS inspector	[OSHA-1910.26]
LD-031 [] P [] F [] N/A	Portable dockboards and plates	Inspect anchors, locks, legs, pins and contact surfaces used to keep portable devices in position.	Securement features engage and are not loose, bent, cracked or excessively worn.	Remove the device from service until the securing system is restored.	Facility or EHS inspector	[OSHA-1910.26], [NOVA-PM]
LD-032 [] P [] F [] N/A	Dockboard or dock leveler	Inspect the deck, lip, toe guards and safety skirts for wear, deformation, cracks and missing fasteners.	Components remain intact, aligned and capable of moving without exposing a new hazard.	Restrict use and refer structural, guard or mechanism concerns to authorized personnel.	Facility inspector / authorized maintenance	[NOVA-PM], [BG-MDL-2024]
LD-033 [] P [] F [] N/A	Dockboard or dock leveler	Visually inspect accessible rear and front hinges, pins, rollers and pivot areas for abnormal wear, corrosion or displacement.	No broken, displaced or visibly worn component is evident; lubrication needs are referred to the OEM schedule.	Do not adjust or lubricate outside the current manual; create a maintenance finding.	Facility inspector / authorized maintenance	[NOVA-PM], [BG-MDL-2024]
LD-034 [] P [] F [] N/A	Mechanical dock leveler	Visually inspect exposed springs, cables, chains and hold-down components without adjusting or entering the mechanism.	No broken strand, displaced spring, damaged chain or abnormal hold-down condition is visible.	Stop or restrict use and refer the condition to trained, authorized maintenance personnel.	Facility inspector, visual only	[NOVA-PM], [BG-MDL-2024]
LD-035 [] P [] F [] N/A	Dockboard or dock leveler	Inspect visible welds, frame members, headers and attachments for cracking, separation, impact damage or corrosion.	No visible crack, separation, loose attachment or deformation affects the load path.	Restrict use and obtain qualified structural evaluation when integrity is uncertain.	Facility inspector / qualified person as needed	[OSHA-1910.22], [NOVA-PM]
LD-036 [] P [] F [] N/A	Hydraulic dock equipment	Inspect visible cylinders, hoses and fittings for leakage, abrasion, bulging, corrosion and insecure routing.	Components are dry, protected and securely routed with no visible defect.	Stop or restrict the affected equipment and refer service to authorized hydraulic personnel.	Facility inspector / authorized maintenance	[NOVA-PM], [BG-RVR303-2026]
LD-037 [] P [] F [] N/A	Hydraulic dock equipment	Check the reservoir level or indicator only where the current manual permits a safe external check.	The level is within the OEM range and no contamination or leak is apparent.	Do not add fluid generically; use the model-specific fluid and procedure through authorized personnel.	Authorized maintenance	[BG-RVR303-2026], [NOVA-PM]
LD-038 [] P [] F [] N/A	Air-powered dock leveler	Inspect the visible air bag, blower, hose, support pallet and linkage for damage, chafing, debris or loose mounting.	No tear, abrasion, loose hose, damaged support or interference is visible.	Restrict use and refer diagnosis or internal service to authorized personnel.	Facility inspector / authorized maintenance	[NOVA-PM]
LD-039 [] P [] F [] N/A	Electrical and controls	Inspect control enclosures, junction boxes, pendants and mountings for secure attachment, closed covers, moisture and impact damage.	Enclosures are closed, dry and secure, with no exposed conductor or loose mounting.	Do not open energized enclosures; restrict use and notify authorized electrical or maintenance personnel.	Facility inspector, exterior only	[BG-RVR303-2026], [NOVA-PM]
LD-040 [] P [] F [] N/A	Vehicle restraint and communication	Inspect restraint anchors, mounting surface, welds, track and surrounding concrete for looseness, damage or debris.	The mounting and travel path are secure and unobstructed; no cracking or separation suggests loss of integrity.	Restrict the restraint and obtain authorized or qualified evaluation of the mounting system.	Facility inspector / authorized restraint technician	[NOVA-PM], [BG-RVR303-2026]

ID / result	System	Checkpoint	Acceptable condition	If not acceptable	Role	Source
LD-041 [] P [] F [] N/A	Vehicle restraint and communication	Inspect the capture mechanism and visible cable, chain, sprocket or pivot components for damage, corrosion and abnormal wear.	The mechanism is intact and moves only as intended, with no loose or missing part visible.	Prevent normal use and refer mechanism service to an authorized restraint technician.	Facility inspector / authorized restraint technician	[NOVA-PM], [BG-RVR303-2026]
LD-042 [] P [] F [] N/A	Vehicle restraint and communication	Test proximity switches, audible alarm, control panel and inside or outside lights using the manufacturer procedure.	Signals and controls correspond to actual restraint position and fault states.	Treat any disagreement as a failed safety control and keep the bay restricted pending authorized service.	Authorized technician / supervisor	[NOVA-PM], [BG-RVR303-2026]
LD-043 [] P [] F [] N/A	Vehicle restraint and chocks	Inspect required wheel chocks for cracking, deformation, contamination or another condition that prevents their intended contact with the tire and ground.	Required chocks are available and able to contact the tire and ground as intended.	Replace unserviceable chocks and do not rely on them until restored.	Facility or EHS inspector	[OSHA-1910.178], [OSHA-1910.26]
LD-044 [] P [] F [] N/A	Rolling door	Inspect headplate brackets, wall anchors, guides, guide stops and hood for looseness, bending or insecure attachment.	Assemblies are secure, guides are aligned, and stops and hood are present without binding the curtain.	Restrict the door and refer adjustment or repair to a trained door systems technician.	Facility inspector / trained door systems technician	[DASMA-TDS270]
LD-045 [] P [] F [] N/A	Rolling door	Inspect curtain or slats, grille rods, bottom bar, endlocks or windlocks and exposed hardware for damage or detachment.	Rolling-door components are intact, aligned and do not present a falling, snagging or binding hazard.	Restrict the opening and refer repair to a trained door systems technician.	Facility inspector / trained door systems technician	[DASMA-TDS270]
LD-046 [] P [] F [] N/A	Rolling door	Evaluate electric-operator performance and installed sensing or reversing devices only under the current manufacturer test procedure.	The door and protective devices respond within the prescribed procedure without laboring, uncontrolled movement or a fault.	Stop the test when safe and refer failed performance to trained, authorized door or electrical personnel.	Trained door systems technician / authorized electrical personnel	[DASMA-TDS270]
LD-047 [] P [] F [] N/A	Dock seals and shelters	Inspect fabric, wear pleats, seams, foam core, head or side panels, framework, trim and fasteners.	Materials remain attached and stable; no loose frame or torn component creates a falling or snagging hazard.	Secure the area and repair or remove loose material through authorized maintenance.	Facility inspector	[NOVA-PM]
LD-048 [] P [] F [] N/A	Dock structure and bumpers	Inspect bumpers, risers, extensions, anchors and the surrounding wall for wear, crushing, looseness and impact damage.	Trailer-contact components remain attached and sufficiently intact for their intended function.	Restrict the bay when the defect may change trailer position or expose equipment to impact.	Facility inspector / authorized maintenance	[BG-RVR303-2026], [NOVA-PM]
LD-049 [] P [] F [] N/A	PM program and records	Compare each asset's last and next planned-maintenance dates with its current manual, usage and operating environment.	Every asset has a documented, source-based interval and overdue work is visible and assigned.	Escalate overdue safety-relevant PM and correct any schedule copied from an unrelated model.	Dock program owner / EHS	[BG-HDL-2024], [DASMA-TDS270]
LD-050 [] P [] F [] N/A	Event-triggered review	After vehicle or forklift impact; high wind, flooding or seismic activity affecting a rolling door; or any condition in which dock equipment is structurally damaged, shows performance irregularities or may have been compromised, document and evaluate the affected system.	The affected asset is evaluated before normal return to service, regardless of the calendar schedule.	Keep the affected equipment restricted until the required evaluation and release are documented.	Supervisor / authorized evaluator	[DASMA-TDS270], [BG-MDL-2024], [BG-HDL-2024], [BG-RVR303-2026]

Source: Row-level source codes are defined in the Primary-Source Register. Acceptable-condition and failed-item-action language is Version 1.0 editorial synthesis unless a source-specific limit is identified.

Technician Planned-Maintenance Checklist, LD-051 Through LD-082

These rows are Version 1.0 technician-layer assignments. Perform them under the current manufacturer procedure, assigned role, work-zone controls and applicable hazardous-energy procedure.

ID / result	System	Checkpoint	Acceptable condition	If not acceptable	Role	Source
LD-051 [] P [] F [] N/A	Work-zone control	Barricade and control the dock position so people, powered industrial trucks and vehicles cannot enter the maintenance area.	A positive, site-approved exclusion zone is established at dock and approach levels before work begins.	Do not start work until the work zone is controlled and affected personnel are notified.	Trained and authorized technician	[BG-MDL-2024], [BG-RVR303-2026]
LD-052 [] P [] F [] N/A	Hazardous energy	Apply the facility's equipment-specific hazardous-energy procedure when unexpected energization, movement or stored energy could injure a worker.	Applicable energy sources are controlled, and isolation is verified by authorized employees as the procedure requires.	Stop work and complete the required energy-control procedure before exposure begins.	Authorized employee	[OSHA-1910.147], [BG-MDL-2024]
LD-053 [] P [] F [] N/A	Mechanical support	Install the manufacturer-specified maintenance strut, safety stand or other blocking before entering beneath or within supported equipment.	The exact support is fully engaged, rated and positioned as the current manual requires.	Do not enter the danger zone when support is missing, uncertain or cannot be engaged.	Trained and authorized technician	[BG-MDL-2024]
LD-054 [] P [] F [] N/A	Cleaning	Clean the pit, track, hinge areas and accessible mechanisms using the safe procedure for the installed model.	Debris, contamination and standing material no longer conceal wear or interfere with movement.	Stop if cleaning requires unplanned exposure to energy, motion or an unsupported deck; revise the work controls.	Trained and authorized technician	[BG-MDL-2024], [BG-RVR303-2026]
LD-055 [] P [] F [] N/A	Dockboard or dock leveler	Inspect the deck, lip, toe guards and safety skirts for wear, cracks, deformation, alignment and attachment.	Components meet the manufacturer's condition and dimensional criteria.	Keep the equipment restricted until failed components are repaired or replaced and the unit is retested.	Authorized dock technician	[NOVA-PM], [BG-MDL-2024]
LD-056 [] P [] F [] N/A	Dockboard or dock leveler	Inspect rear and front hinges, pins and pivot points; lubricate only as the current manual specifies.	No excessive play, binding, damaged pin or bushing, or lubrication deficiency remains.	Repair or replace to the model criteria before return to service.	Authorized dock technician	[NOVA-PM], [BG-MDL-2024]
LD-057 [] P [] F [] N/A	Dockboard or dock leveler	Inspect structural welds, frame, subframe, headers and load-bearing attachments.	No crack, separation, deformation or corrosion exceeds the manufacturer's acceptance criteria.	Maintain the restriction and obtain qualified structural repair or supervision where integrity is affected.	Authorized technician / qualified person as needed	[NOVA-PM], [OSHA-1910.22]
LD-058 [] P [] F [] N/A	Mechanical dock leveler	Inspect safety legs or cross-traffic supports and their release and engagement mechanisms.	Supports engage, release and carry loads as designed without damage or interference.	Repair, adjust and function-test under the model procedure before release.	Authorized dock technician	[NOVA-PM], [BG-MDL-2024]
LD-059 [] P [] F [] N/A	Mechanical dock leveler	Inspect the hold-down assembly and associated ratchet or release components.	The assembly holds and releases through the complete OEM test without slip, bind or damage.	Keep the leveler restricted until the hold-down meets the model test.	Authorized dock technician	[NOVA-PM], [BG-MDL-2024]
LD-060 [] P [] F [] N/A	Mechanical dock leveler	Inspect counterbalance springs, cables and chains using the manufacturer's trained-service procedure.	Tensioning and lifting components meet OEM condition, alignment and adjustment criteria.	Do not improvise adjustments; repair under the current manual and retest.	Authorized dock technician	[NOVA-PM], [BG-MDL-2024]
LD-061 [] P [] F [] N/A	Mechanical dock leveler	Inspect the lift arm, roller, lip latch or extension mechanism and linkage.	The mechanism moves through its intended range without excessive wear, interference or damaged hardware.	Repair or replace failed parts and complete the prescribed functional test before release.	Authorized dock technician	[NOVA-PM], [BG-MDL-2024]
LD-062 [] P [] F [] N/A	Lubrication	Lubricate only the points, lubricant types and quantities identified by the current model manual.	All specified points are serviced without contaminating walking surfaces or using incompatible material.	Correct any spill or incompatible lubricant and verify the model requirement before continued operation.	Authorized dock or door technician	[BG-MDL-2024], [NOVA-PM]
LD-063 [] P [] F [] N/A	Adjustments and fasteners	Perform specified adjustments and fastener or anchor checks to current manufacturer values and procedures.	Settings, alignment and fasteners meet the installed model's published criteria.	Do not use generic torque or adjustment values; correct and document the model-specific result.	Authorized technician	[BG-MDL-2024], [NOVA-PM]
LD-064 [] P [] F [] N/A	Functional test	Cycle all normal functions, safety devices and interlocks through the manufacturer test after maintenance.	The complete sequence repeats consistently with guards and safety functions restored.	Keep the unit restricted until every required safety-critical test passes and the authorized return-to-service decision is documented.	Authorized technician / supervisor	[BG-MDL-2024], [BG-RVR303-2026]
LD-065 [] P [] F [] N/A	Hydraulic dock equipment	Inspect hydraulic cylinders, rods, hoses and fittings for leakage, abrasion, corrosion, seal damage and secure routing.	The system is leak-free under the OEM test and components meet replacement criteria.	Repair or replace failed hydraulic components and clean contamination before retest.	Authorized hydraulic or dock technician	[NOVA-PM], [BG-RVR303-2026]
LD-066 [] P [] F [] N/A	Hydraulic dock equipment	Check reservoir level and fluid condition; service only with the manufacturer-specified fluid and procedure.	Level and condition are within the model criteria, and the reservoir is sealed and leak-free.	Correct the source of loss or contamination and use only the specified fluid before release.	Authorized hydraulic or dock technician	[BG-RVR303-2026], [NOVA-PM]
LD-067 [] P [] F [] N/A	Hydraulic dock equipment	Inspect the pump or powerpack, motor, valve block and valves for mounting, leakage, noise and proper operation.	The power unit is secure and functions within OEM criteria without abnormal noise, heat or leakage.	Repair and complete the prescribed pressure or function tests before return to service.	Authorized hydraulic or dock technician	[BG-RVR303-2026], [NOVA-PM]
LD-068 [] P [] F [] N/A	Electrical and controls	Inspect limit switches, sensors, junction boxes, wiring, connections and the control panel under the applicable electrical and energy-control procedure.	Mountings are secure, insulation and connections are sound, and devices actuate at specified points.	De-energize, repair through qualified personnel and verify the complete control sequence.	Qualified electrical / authorized maintenance personnel	[BG-RVR303-2026], [NOVA-PM]

ID / result	System	Checkpoint	Acceptable condition	If not acceptable	Role	Source
LD-069 [] P [] F [] N/A	Air-powered dock leveler	Inspect the air bag, blower, hose, support pallet, latch or linkage and related electrical controls.	The system inflates and vents correctly with no tear, leak, damaged support or loose connection.	Repair failed air, support or control components and function-test before release.	Authorized dock technician	[NOVA-PM]
LD-070 [] P [] F [] N/A	Vehicle restraint and communication	Inspect restraint anchors, mounting concrete, welds, track and capture mechanism.	The mounting and mechanism meet OEM alignment, strength and travel criteria.	Keep the restraint out of normal service until mounting or structural concerns are corrected and retested.	Authorized restraint technician / qualified person as needed	[NOVA-PM], [BG-RVR303-2026]
LD-071 [] P [] F [] N/A	Vehicle restraint and communication	Inspect cable, chain, sprocket, pivots and other mechanical drive components.	Components are aligned, lubricated where specified and within the model's wear limits.	Repair or replace failed drive components and verify the full engage and release sequence.	Authorized restraint technician	[NOVA-PM], [BG-RVR303-2026]
LD-072 [] P [] F [] N/A	Vehicle restraint and communication	Test proximity switches, alarms, inside and outside lights, interlocks and communication logic.	Every displayed signal and interlock agrees with the physical restraint state and OEM sequence.	Keep the bay restricted until the physical state, controls and signals agree through the complete test.	Authorized restraint / controls technician	[NOVA-PM], [BG-RVR303-2026]
LD-073 [] P [] F [] N/A	Vehicle restraint and communication	Inspect restraint hydraulic components, powerpack and fluid where the installed model uses hydraulics.	No leak or damaged component remains, and level and operation meet the current model manual.	Repair, use the specified fluid and retest before normal use.	Authorized hydraulic or restraint technician	[BG-RVR303-2026]
LD-074 [] P [] F [] N/A	Rolling door	Inspect headplate brackets, anchors, bearings and bracing.	Assemblies are secure and aligned, with no looseness or bearing damage.	Repair through a trained door systems technician; obtain qualified evaluation if the substrate is affected.	Trained door systems technician	[DASMA-TDS270]
LD-075 [] P [] F [] N/A	Rolling door	Inspect guides, guide stops, hood, curtain, slats or grille rods, and bottom bar.	Guides are uniform, stops and hood are secured, and the door travels without binding.	Repair and align under the door manufacturer's procedure before release.	Trained door systems technician	[DASMA-TDS270]
LD-076 [] P [] F [] N/A	Rolling door	Evaluate counterbalance springs, shafts and tension components.	Counterbalance meets the door manufacturer's force, balance and condition criteria.	Only a trained door systems technician may adjust or repair the counterbalance assembly.	Trained door systems technician	[DASMA-TDS270]
LD-077 [] P [] F [] N/A	Rolling door	Inspect and test the electric operator, limits, manual operation and mountings.	The operator moves and stops the door at intended positions without laboring or uncontrolled motion.	Repair through trained door and qualified electrical personnel, then repeat the prescribed test.	Trained door systems technician / qualified electrical personnel	[DASMA-TDS270]
LD-078 [] P [] F [] N/A	Rolling door	Test installed sensing, reversing, edge or photoelectric devices under the current operator and door manuals.	Each device responds exactly as the manufacturer test specifies.	Restrict powered operation until every required protective-device test passes.	Trained door systems technician	[DASMA-TDS270]
LD-079 [] P [] F [] N/A	Dock seals and shelters	Inspect shelter frame, panels, fabric, seams, foam core, counterbalance features and fasteners.	Assemblies remain securely attached and do not interfere with the door, trailer or restraint.	Repair loose or damaged components and verify clearance before release.	Authorized dock or door technician	[NOVA-PM]
LD-080 [] P [] F [] N/A	Dock structure and bumpers	Inspect bumpers, risers, extensions, anchors and surrounding wall or steel.	Contact components and attachments meet the manufacturer's wear and securement criteria.	Repair or replace and evaluate affected substrate or structure before returning the bay to normal use.	Authorized dock technician / qualified person as needed	[BG-RVR303-2026], [NOVA-PM]
LD-081 [] P [] F [] N/A	Documentation and warnings	Restore missing safety labels, operating placards and manuals to the correct revision.	All model-required warnings and operating information are present and legible.	Do not release equipment with missing critical warnings or an unknown controlling manual.	Authorized technician / program owner	[BG-HDL-2024]
LD-082 [] P [] F [] N/A	Records and return to service	Record findings, measurements, parts, adjustments, unresolved conditions, next due date and the authorized return-to-service decision.	The service record is traceable to the asset, work order, technician and source or manual revision.	Keep restrictions in place until the record identifies who authorized release and on what basis.	Authorized technician / supervisor	[BG-MDL-2024], [BG-RVR303-2026]

Source: Row-level source codes are defined in the Primary-Source Register. Acceptable-condition and failed-item-action language is Version 1.0 editorial synthesis unless a source-specific limit is identified.

Deficiency and Corrective-Action Log

Use one line for each failed safety-relevant check. "Stop Use" means the affected equipment or area remains out of normal service or guarded until authorized release.

Deficiency ID	Date	Bay / Asset	Check ID and condition	Priority	Interim control	Owner / due date	Status / closure

Priority definitions: Stop Use - condition may affect safe operation; Urgent - prompt correction required; Planned - scheduled through normal controls; Monitor - condition recorded with a defined recheck point.

Primary-Source Register

Version 1.0 uses 13 construction sources plus two supplementary official OSHA sources for the dockboard definition and positive-restraint interpretation.

Code	Organization and source	Status	Use in Version 1.0	URL
OSHA-1910.21	U.S. Occupational Safety and Health Administration 29 CFR 1910.21 - Scope and definitions	Current web text	Official dockboard and qualified-person definitions.	https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.21
OSHA-1910.22	U.S. Occupational Safety and Health Administration 29 CFR 1910.22 - General requirements for walking-working surfaces	Current web text	Surface condition, load support, access and egress, regular and as-needed inspection, correction or guarding, and qualified structural repair.	https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.22
OSHA-1910.26	U.S. Occupational Safety and Health Administration 29 CFR 1910.26 - Dockboards	Current web text	Capacity, run-off protection, portable-board securement, vehicle-movement prevention and safe handling.	https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.26
OSHA-1910.28	U.S. Occupational Safety and Health Administration 29 CFR 1910.28 - Duty to have fall protection and falling-object protection	Current web text	Dockboard fall-protection trigger and conditional materials-handling exception.	https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.28
OSHA-1910.147	U.S. Occupational Safety and Health Administration 29 CFR 1910.147 - Control of hazardous energy	Current web text	Covered servicing and maintenance involving unexpected startup or stored-energy release.	https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.147
OSHA-1910.178	U.S. Occupational Safety and Health Administration 29 CFR 1910.178 - Powered industrial trucks	Current web text	Truck brakes and chocks, uncoupled-trailer support, trailer-floor condition and secured bridge plates in PIT operations.	https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.178
OSHA-STD-01-11-007	U.S. Occupational Safety and Health Administration STD 01-11-007 - Chocking of Tractor Trailers under the Powered Industrial Truck Standard	Current OSHA directive	Enforcement interpretation for equivalent positive mechanical restraint in place of wheel chocks when the directive's conditions are met.	https://www.osha.gov/enforcement/directives/std-01-11-007
ANSI-MH30.1-2022	ANSI / Material Handling Industry of America ANSI MH30.1-2022 - Performance and Testing Requirements for Dock Leveling Devices	Official current listing verified	Edition and standards context only; copyrighted standard text is not reproduced.	https://webstore.ansi.org/standards/mhia/ansimh302022
ANSI-MH30.2-2022	ANSI / Material Handling Industry of America ANSI MH30.2-2022 - Performance and Testing of Portable Dock Leveling Devices	Official current listing verified	Edition and standards context only; copyrighted standard text is not reproduced.	https://webstore.ansi.org/standards/mhia/ansimh302022-2488393
ANSI-MH30.3-2022	ANSI / Material Handling Industry of America ANSI MH30.3-2022 - Performance and Testing of Vehicle Restraining Devices	Official current listing verified	Edition and standards context only; copyrighted standard text is not reproduced.	https://webstore.ansi.org/standards/mhia/ansimh302022-2488394
BG-MDL-2024	Blue Giant Equipment Corporation Mechanical Dock Leveler Owner's Manual, Rev. 1.5, June 18, 2024	Manufacturer manual	Prior-to-use inspection, model-specific PM interval, maintenance sequence, work-zone control and supports.	https://www.bluegiant.com/getattachment/ab449134-4d21-4c6a-8eb7-c7d5038ac2ba/038-1083E_Mechanical_Dock_Leveler_Owner_Rev.1.5_18-Jun-2024.pdf?ext=.pdf&en-us
BG-HDL-2024	Blue Giant Equipment Corporation Hydraulic Dock Leveler Owner's Manual, Rev. 1.6, December 9, 2024	Manufacturer manual	Prior-to-use inspection, model-specific PM interval, hydraulic checks, work-zone control and supports.	https://www.bluegiant.com/getattachment/a17c042b-912f-4226-9c04-19d80deef424/038-1084E_Hydraulic_Dock_Leveler_Owner_Rev.1.6_9-DEC-2024.pdf?ext=.pdf&en-us
BG-RVR303-2026	Blue Giant Equipment Corporation StrongArm RVR303 Vehicle Restraint Owner's Manual, Rev. 1.8, March 13, 2026	Manufacturer manual	Prior-to-use inspection, model-specific PM interval, restraint checks, controls, signals and annual hydraulic examples.	https://www.bluegiant.com/getattachment/ba828654-caf3-4570-9bcd-b2f8a9b8a575/038-953E_StrongArm_RVR303_Owner_Rev.1.8_13-Mar-2026.pdf?ext=.pdf&en-us
DASMA-TDS270	Door & Access Systems Manufacturers Association TDS 270 - Recommended Rolling Door Maintenance Practices for Building Maintenance Supervisors, revised June 2021	Industry technical guidance	Rolling-door scope, role boundary, visible checks, annual or manufacturer-directed maintenance, quarterly electric-door evaluation and event-triggered review.	https://www.dasma.com/wp-content/uploads/2021/08/TDS270.pdf
NOVA-PM	NOVA Technology Preventive Maintenance Checklist	Original manufacturer checklist	Component inventory for mechanical, hydraulic and air levelers, restraints, seals and shelters; not used as a universal frequency source.	https://www.novalocks.com/wp-content/uploads/NOVA-Preventive-Maintenance-Checklist.pdf

The full ANSI standards are copyrighted and are not reproduced. The listings are used for identity and scope only.

Version and Reference Information

Suggested reference format

Greenville Dock Door Repair Research. "Loading Dock Maintenance Checklist: Free PDF, Excel and Inspection Log." Version 1.0. First published July 22, 2026. Last verified July 21, 2026. <https://greenvilledockdoorrepair.com/research/loading-dock-maintenance-checklist/>

Release record

Version	First published	Last verified	Release content
1.0	July 22, 2026	July 21, 2026	Initial synchronized production release: 82 operational rows, eight program controls, corrected rolling-door scope, supplementary OSHA definition and restraint sources, safety-critical return-to-service wording, frequency evidence, source register, Excel workbook, CSV and checksum manifest.

Scope boundary: Version 1.0 rolling-door rows are based on DASMA TDS 270. Commercial sectional, high-performance and rolling-fire doors require separate type- and model-specific sources.