

PortRail Crane Service, LLC.
3301 Mariner Avenue,
Portsmouth, VA 23703



Equipment Expertise

- **Cranes:** STS, RMG/RTG, Straddle Carrier, Shuttle Carrier, Reachstackers, Empty Handlers, Mobile, Harbor, Crawler, Bridge, Overhead, Truck Mounted.
- **Heavy Machinery:** Forklifts, Man-lifts, Semi-trucks, Dump Trucks, Water Trucks, Tractors, Backhoes, Front-end Loaders.
- **Specialty Equipment:** Yard Hustlers, Kubota RTV, Generators, Portable Large Air Compressors, Light Towers.

Services

- **Inspections:** Full inspections on cranes, heavy machinery, PPE, and rigging equipment, with detailed service reports and photos.
- **Maintenance:** Preventative & corrective maintenance, tracking, and comprehensive service reports/checklists.
- **Repairs & Rebuilds:** Engines, transmissions, hydraulic systems, wire ropes, trolleys, gantry motors, PLC systems, fiber optics, and electronic components.
- **Upgrades:** System upgrades, anti-collision systems, spreader bars, electrical wiring, and hydraulic systems.
- **Emergency Services:** Rapid response, heavy hauling, and equipment relocations.

Specialty Capabilities

- **Fabrication & Welding:** Complete welding, fabrication, and branding for all equipment.
- **Facilities Maintenance:** Worksite container build-outs, snow removal, land clearing, concrete work, painting, and carpentry.
- **Training:** Mechanical, hydraulic, electric, electronic, automation, and safety training programs.

Authorized Dealer/Service Provider

- Sick Anti-Collision Installer
- NovaTech Trailer Parts (Distributor)
- LiftTec Translifter (Distributor)
- Fassi Cranes (Preferred Service Provider)
- Palfinger Cranes (Authorized Service Provider)

Contact Us Today for Expert Crane and Heavy Equipment Solutions!

“We put service back into maintenance”

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How Much Is Equipment Downtime Eroding Your Bottom Line?

Labor Cost for Downtime:

1. How many times a week does your equipment go down? _____
X
 2. How many people's work is delayed each time equipment goes down? _____
X
 3. How many minutes on average is work delayed each time? _____
X
 4. How many weeks per year is this operation running? _____
X
 5. What is your Effective Labor Burden rate per hour worked?
\$ _____ per hour / 60 = _____
= _____
- Total Estimated Labor Cost for Downtime: _____

Lost Revenue for Downtime:

$$\begin{array}{r}
 \frac{\text{Annual Revenue}}{\text{Weeks in Operation}} \div \frac{\text{Hours per Week}}{\text{Lost Revenue per Hour}} \\
 \\
 \frac{\text{Avg. Weekly Breakdowns}}{\text{Minutes of Downtime per Occurrence}} \times \frac{60}{\text{Minutes}} = \frac{\text{Weekly Hours of Downtime}}{\text{Weeks a year}} \times \text{Annual Downtime Hours} \\
 \\
 \frac{\text{Lost Revenue per Hour}}{\text{Annual Downtime Hours}} \times \text{Annual Downtime Hours} = \text{Annual Lost Revenue from Downtime}
 \end{array}$$

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