

CTS
GLOBAL SYSTEMS

6045 Netherhart Rd Mississauga Ontario L5T1G5

Contact: CTS Global Systems
Phone: 905-678-8558
email: info@ctsgroupna.com

- ▶ LIME HANDLING EQUIPMENT EXPERTS WITH OVER 40 YEARS OF COMBINED EXPERIENCE.
- ▶ SPECIALISTS IN LIME-SLAKING TECHNOLOGY
- ▶ REPAIR, RE-ENGINEER AND UPGRADE YOUR SYSTEMS
- ▶ TURNKEY SOLUTIONS – (TROUBLESHOOTING, EQUIPMENT SUPPLY, INSTALLATION, AND STARTUP)
- ▶ SOLID KNOWLEDGE OF THE PHYSICAL AND CHEMICAL BEHAVIOR OF LIME AND LIME-BASED PRODUCTS
- ▶ ABILITY TO SUPPORT CLIENTS ACROSS NORTH AND SOUTH AMERICA

**CTS GLOBAL SYSTEMS – WHAT DO WE OFFER
NOW PARTNERING WITH HOSOKAWA**

www.ctsgroupna.com



TOO MUCH DUST IN YOUR SYSTEM

- ▶ PROPER DUST CONTROL IS CRITICAL FOR THE OPERATION AND MAINTENANCE OF DRY CHEMICAL SYSTEMS
- ▶ EXCESSIVE DUST RESULTS IN POOR MAINTENANCE
- ▶ POOR MAINTENANCE RESULTS IN EQUIPMENT BREAKDOWN

- ▶ Call US for an evaluation of your system and how we can save time and investment in a faulty system



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EXPANSION JOINTS

- ▶ CTS-Solutions can inspect, replace and install new Expansion Joints.
- ▶ Our crews are trained and licensed to install these joints.
- ▶ CTS Global has engineers that can review the design and specifications and ensure correct selection based on the application, resulting in longer life and reduced costs.



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LIME SLAKER SUDDENLY HAS A LOT MORE GRIT – WHY ?

- ▶ Your slaking system is not running at peak performance
- ▶ Inlet water temperature is cold
- ▶ Slaker control settings need to be checked and adjusted
- ▶ Water to Lime ratio is incorrect.
- ▶ Feeder issues
- ▶ **CTS Global's** experts can carry out an audit of the system and identify the root cause to rectify the issue returning the system to running at peak running conditions. The result will be more reactive lime and in turn, lower lime consumption and reduced maintenance costs



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HYDRATE LIME MIXING SYSTEMS

- ▶ A hydrate lime system with a metered feed system combined with water flow regulators guarantees the proper ratios are achieved which are Key to a well-running system
- ▶ **CTS-Global has a combined 40 years of experience with these systems and can solve any issue.**
- ▶ Call us today and we will have a Qualified Field Tech review your system and provide solutions that will save you Maintenance and Chemical usage.



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SILO ROOF REPLACEMENT

Poor venting of silos can result in over-pressurization. This can damage the thinner upper rings and in extreme cases, cause a catastrophic failure.

With a split in the roof, water will ingress into the silo and form a hard cement-type build-up.

Flow proportion and quality of lime will diminish as the lime has already been hydrated from the water ingress.

The silo roof must be replaced to fix this problem

CTS Global System can perform this task, start to finish for you.



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CTS GLOBAL SYSTEMS SILO INSPECTIONS

- ▶ Inspect the structural integrity of panels:
 - ▶ Check for rust/plate thickness
 - ▶ Check for Stress Cracks.
- ▶ Check the access ladder, side rails, kick plates
 - ▶ Ensure regulation compliance.
 - ▶ Identify damage
- ▶ Safety must Come First
 - ▶ CTS-Solutions can identify and repair all these issues



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CHEMICAL SYSTEM PARTS & REPAIRS

CTS Global is the industry's Best-Priced provider of quality parts for all makes of chemical systems.

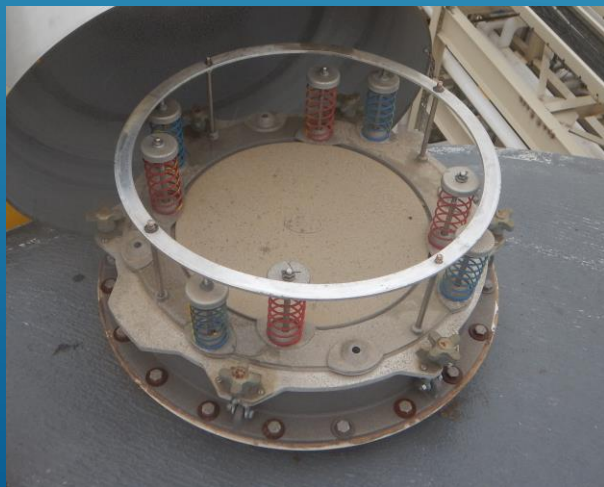
- Bin Vents Filters / Air pads / Feeders / PVRV / Dust Scrubbers / Rotary Valves
- Call us today for a Quick Response and our - BEST PRICED SOLUTIONS



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MECHANICAL SYSTEM / OPTIMIZATION AUDIT



CTS Global Systems are experts in optimizing chemical systems for reducing maintenance costs



Optimizing the chemical reactivity of the slurry to reduce the chemical consumption by 5-10% of the plant's yearly Chemical consumption,



Have us review your system, and you can be sure you will be saving on your chemical consumption and yearly maintenance cost.



We have 40 years of combined experience we know your system and how we can make it run at peak operating conditions and save your company time and costs



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