

# STANCO

## *Bulk Chemical Storage And Handling*

- Municipal Water Treatment
- Acid Waste Neutralization
- Sludge Dewatering & Detoxification
- Flue Gas Desulphurization



# Discover the G



## STANCO CHEMICAL FEED SYSTEMS

STANCO knows bulk chemical handling systems. From concept through design, supply, installation and start-up, we have led the industry with practical solutions for over 25 years. Our installations throughout the U.S. and Canada – as well as South America, Central America, Europe and Asia confirm that *the guaranteed fit* works.

Choosing from the industry's widest selection of high performance components, we custom design the system to form, fit and function in *your* process.

For automatic, dependable and efficient operation discover *the guaranteed fit*. It's your best choice ... every time.

### **Bulk Chemical Storage and Handling**

- Municipal water treatment
- Acid waste neutralization
- Sludge dewatering & detoxification
- Flue gas desulphurization

### **Standard Design Features**

#### SILOS

- Factory coated bolted steel silos
- Factory coated welded silos
- Designed for seismic, snow, wind, and product density with 45 and 60 degree cones.
- Capacities to 100,000 cu. ft.
- Diameters from 9' to 38'

#### FILL SYSTEMS

- Pneumatic fill line with quick-lock fittings
- Long radius elbows
- Pressure vacuum relief
- Fill station controls with hi-level and alarm

#### WITHDRAWAL SYSTEMS

- Bin activators
- Aeration rings
- Air slides
- Impactors
- Screw augers

#### CHEMICAL FEED

- Precision volumetric or gravimetric
- Loss-in-weight
- Lime slakers

#### SOLUTION PREPARATION

- Tankage as required, complete with mixers, level controls and dust control
- Grit removal and collection

#### SOLUTION FEED

- Slurry feed pumps
- Injection and transfer pumps
- Recirculation systems

#### CONTROLS

- Automatic or manual operation
- Local or remote control
- Programmable controllers

#### OPTIONAL EQUIPMENT

- Pneumatic in-plant handling
- Precision chemical feed
- Continuous silo level readouts
- pH controllers
- Automatic solids controls

# Guaranteed Fit.

• DESIGN • SUPPLY • ERECT • SERVICE

## *Typical Applications*

### WATER TREATMENT

- Softening
- Coagulation
- pH Control
- Silica removal
- Filter aids

### SEWAGE TREATMENT

- Sludge dewatering
- Odor control
- Coagulation
- Stabilization

### WASTE TREATMENT

- Acid neutralization
- Metal precipitation

### FLUE GAS DESULPHURIZATION

- Dry scrubbers
- Coal, RDF and MSW fired
- Waste incineration
- Fly ash recycle systems

## *Chemicals Handled*

- Hydrated lime
- Quick lime
- Magnesium Oxide
- Soda Ash
- Carbon
- Sulphur
- Polymer
- Plastic Pellets
- Arsenic Trioxide
- Alum
- Fly Ash
- Cement
- Sodium Sulphate
- Flour
- Salt
- Calcium Sulphate

## *Partial List of Installations*

### MUNICIPAL

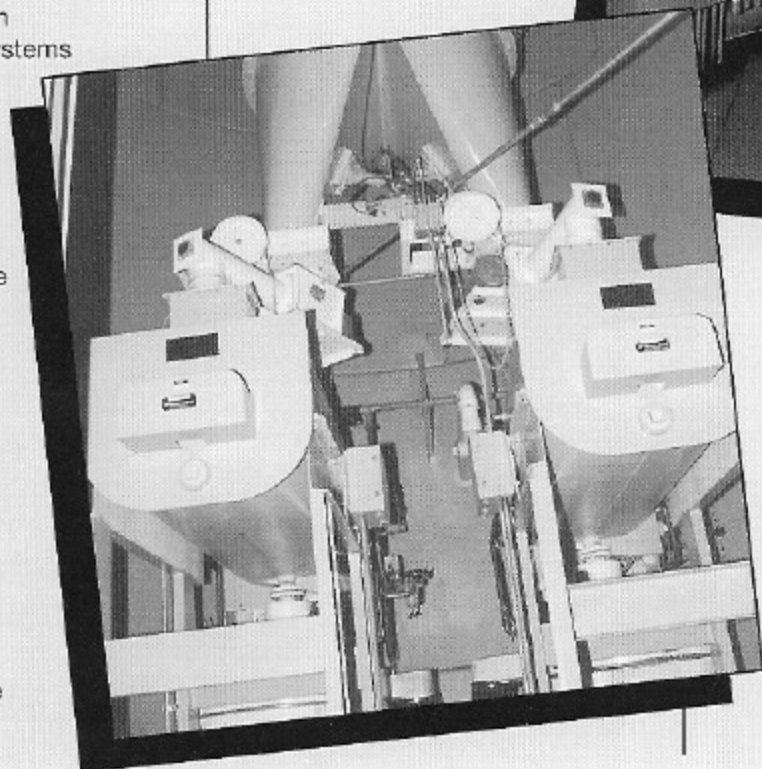
Edmonton, AB  
Sacramento, CA  
Atlanta, GA  
Los Angeles, CA  
Vancouver, BC

### OIL AND GAS

Esso Resources  
Dome Petroleum  
Suncor  
Dow Chemical  
Alberta Gas  
Gibson Petroleum  
Phillips Petroleum  
Shell

### MINING

Placer Dome  
Westmin  
Sherritt Gordon  
Newmont  
Echo Bay  
Cominco



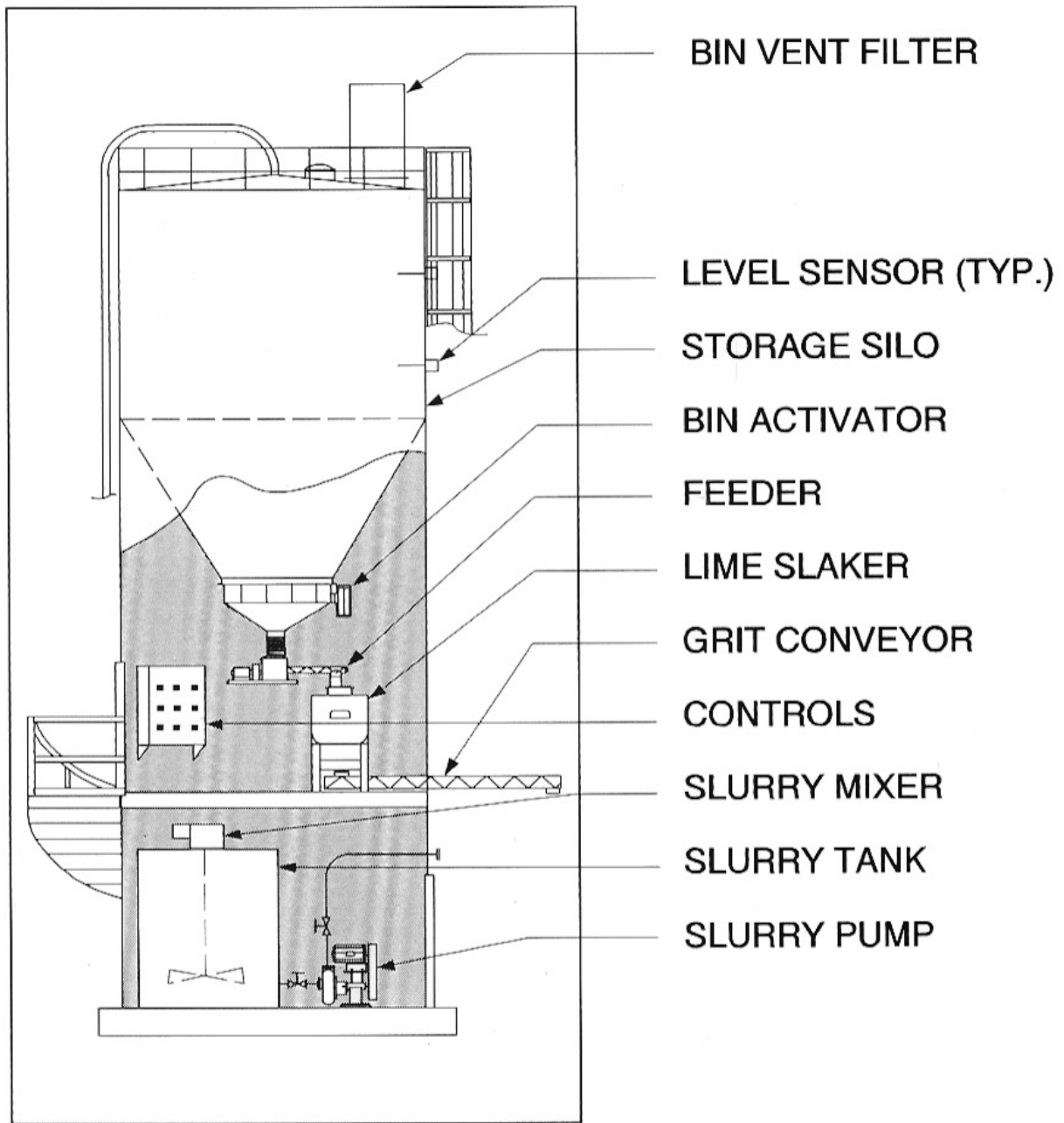
### INDUSTRIAL

International Paper  
Eli Lilly  
Celanese  
Barcroft Co.  
Millar Western

### FGD

Cogentrix  
York County RRF  
Lake County RRF  
Filer City Cogeneration

# TYPICAL QUICKLIME FEED SYSTEM



**STANCO**  
**PROJECTS LTD.**

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*Represented by:*