



CETEC Presentation

DELIVER MORE EFFICIENCY

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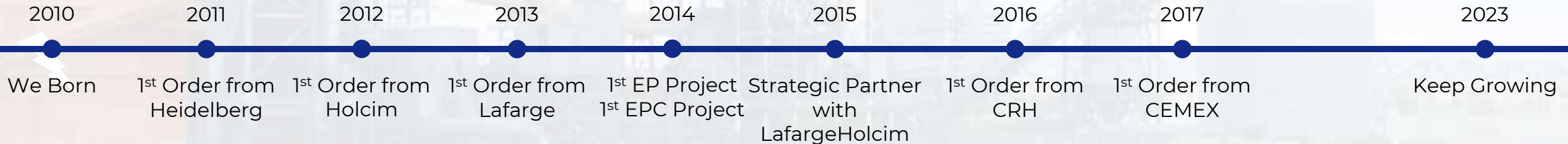
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Overview

Who we are

CETEC CO., LTD.

- An **Integrated Solution Provider**
- Focus on Cement & Bulk Material Handling Industry
- Private Company in Beijing, China
- ISO 9001 Quality Certified
- China High-tech Enterprise
- Business covers 5 Continents, 54 Countries



Overview

Company Organization



Product

What we do best



Material Handling

- Belt Conveying Technology
- Pneumatic Transportation
- Crushing & Screening
- Cement Dispatching

Pyro-Process & Grinding

- Preheater
- Clinker Cooler
- Ball Mill / Roller Press
- Vertical Mill

ECO-Cycle

- MSW (Municipal Solid Waste)
- AFR (Alternative Fuel & RM)
- Kiln Bypass Dedusting
- Emission Reduction

Spare Parts

- Consumable
- OEM Product from China
- Fabrication Work
- Design Replacement

Plant Delivery

- Clinker Plant
- Easy Grinding System™
- Separate Grinding & Mixing
- Terminal & Smart Dispatching

Product

What we do best

Material Handling

Pyro-Process & Grinding

ECO-Cycle

Spare Parts

Plant Delivery



- Belt Conveying Technology
(Ha Tinh Steel, Formosa)



- Coal Handling System
(Vostochny Port, Russia)



- Bulk Cement Smart Loading
(LafargeHolcim Uganda)

Product

What we do best

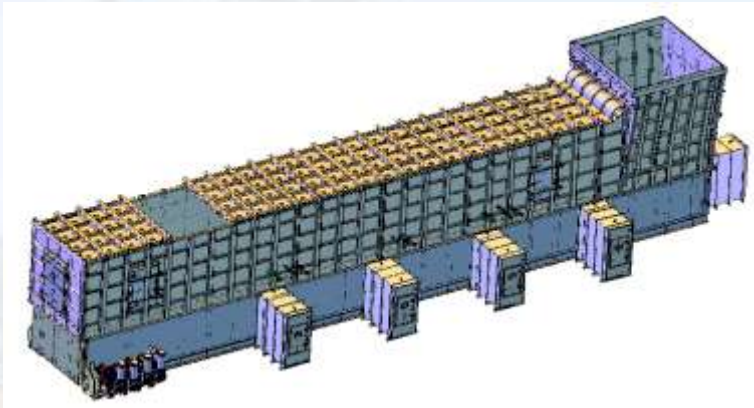
Material Handling

Pyro-Process & Grinding

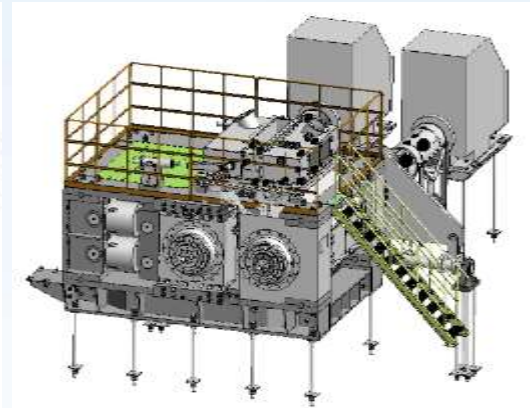
ECO-Cycle

Spare Parts

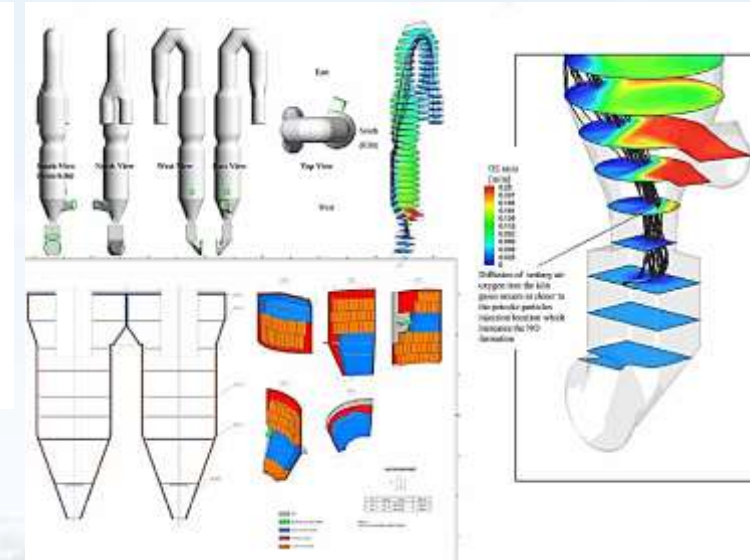
Plant Delivery



- Clinker Cooler



- Roller Press



CETEC has developed **Complete set of Core equipment for clinker production line** based on new technology.

- **Comparable heat consumption for clinker burning 640 kcal/kg.cI**
- **Power consumption for clinker burning 18kWh/t.cI**

Product

What we do best

Material Handling

Pyro-Process & Grinding

ECO-Cycle

Spare Parts

Plant Delivery



- **Separate Grinding & Mixing**
(Namanve Plant, LafargeHolcim Uganda)



Cement mill – Dia. 4.2 x 13.5m
Cement Type - PCB 50
(Clinker 81%, Gypsum 5%
Limestone 12%, Fly ash 2%)
Fineness 3600cm²/kg

Before Modification
Capacity 105t/h, Outlet Temp. 95.5°C
Power Consumption 41.6kWh/t

After Modification
Capacity 120t/h, Outlet Temp. 72.5°C
Power Consumption 38.5kWh/t

- **Cement Mill Open to Close Circuit**
(Hiep Phuoc Plant, Fico-YTL Vietnam)

Product

What we do best

Material Handling

Pyro-Process & Grinding

ECO-Cycle

Spare Parts

Plant Delivery

CETEC aims to provide most cost-effective, sustainable solutions to **Municipal Waste, Alternative Fuels and Emission Reduction.**

Alternative fuels combined with an increase in energy efficiency is the key to:

- *Cost reduction*
- *Declining dependence on price development and availability of fossil fuels*
- *Sustainability*

Our fields of expertise

- *Feasibility studies on alternative fuels utilization*
- *AFR project development & implementation*



• Municipal Waste Treatment Plant



• Alternative Fuel feeding to Calciner / Main burner

Product

What we do best

Material Handling

Pyro-Process & Grinding

ECO-Cycle

Spare Parts

Plant Delivery

CETEC Bypass dedusting system is to improve the performance of the clinker production considering the new installation of WHR system, Alternative Fuel injection.

It can **remove the volatile components (such as sulfur, chlorine and alkali) , reduce the influence to the Pyro-processing system and ensure the clinker quality.**



Product

What we do best

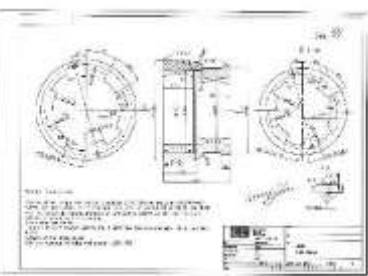
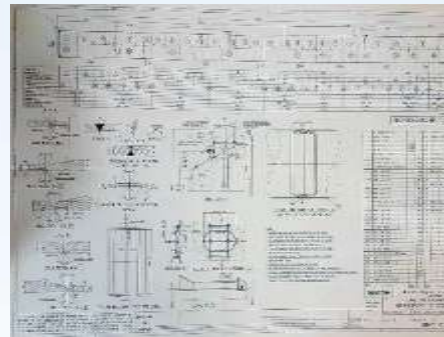
Material Handling

Pyro-Process & Grinding

ECO-Cycle

Spare Parts

Plant Delivery



- Kiln Shell Fabrication (*Sepahan Cement, ASTM Standard adopted*)

- Clutch & Flange Fabrication (*CEMEX, Latvia*)

- **Consumable**
- **Design Replacement**

Product

Innovation – Consignment Stock

Material Handling

Pyro-Process & Grinding

ECO-Cycle

Spare Parts

Plant Delivery



6 Advantage



ISO 9001 QMS



Professional Customized By CETEC



Regularly Collecting Updating



No Shutdown Risk



Low Maintenance Cost



No Advance Payment

Product

What we do best

Material Handling

Pyro-Process & Grinding

ECO-Cycle

Spare Parts

Plant Delivery

The **Easy Grinding System** is an innovative design to make the cement producers to quickly occupy the small but growing market.

Size up to 100tph, annual capacity can reach 750,000t

Find more on
YouTube



01 Modular Design
Standard Container Type



02 Pre-assembly
Easy Logistic & Erection



03 Short Delivery Time
Finished within 10 months



04 Fast Payback Period
Normally within 1 year



Product

What we do best

Material Handling

Pyro-Process & Grinding

ECO-Cycle

Spare Parts

Plant Delivery

CETEC provides

Cement Terminal Solution with different combination for Cement Silos (Concrete, Bolted Steel, Welded Steel), Bulk Loading, Packing and Dispatching.



Product

Why choose us

Expertise

Extensive Experience in Cement & Extended Industry

Reliable Service

Timely and Tailored Service

Internationalized

Familiar with International Project Rules

Mature Supply Chain

Long-term Strategic Partner

Cost Optimization

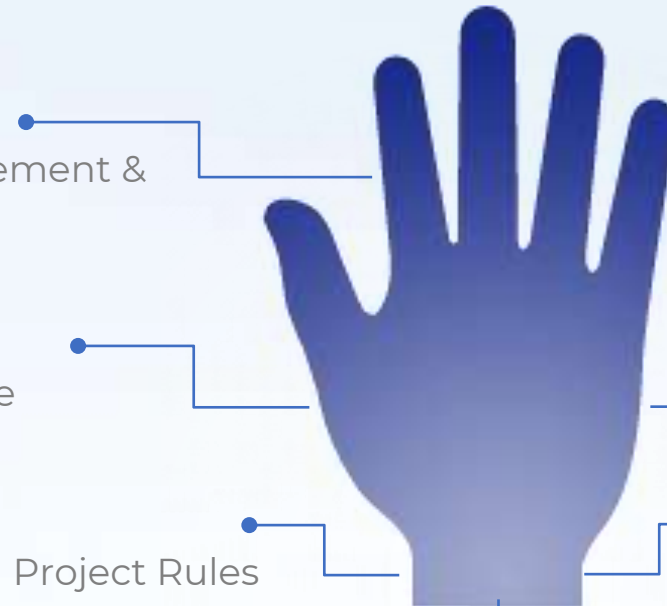
Overall System Design Capability

Localization

Available Supporting at Different Regions

Quality Control

Professional Team together with 3rd Party, i.e. SGS/BV





FOOTPRINT



Business covers 5 continents and 54 countries

Achievements

Long-term Valuable Partner

CETEC has focused on expanding its services in the overseas market since 2010, and served the industry leaders such as LafargeHolcim for a long time. The company adheres to the spirit of **Quality First**, and has supported projects in the developing countries all over the world.



Project Highlight

2500tpd Cement Production Line (EPs), Lanexang, Lao PDR



Project Highlight

110tph Cement Grinding System (EPC), SKS, Bangladesh



Project Highlight

110tph Cement Grinding System (EPC), SKS, Bangladesh



Project Highlight

Cement Mill Open to Close Circuit (EPs), Fico-YTL, Vietnam



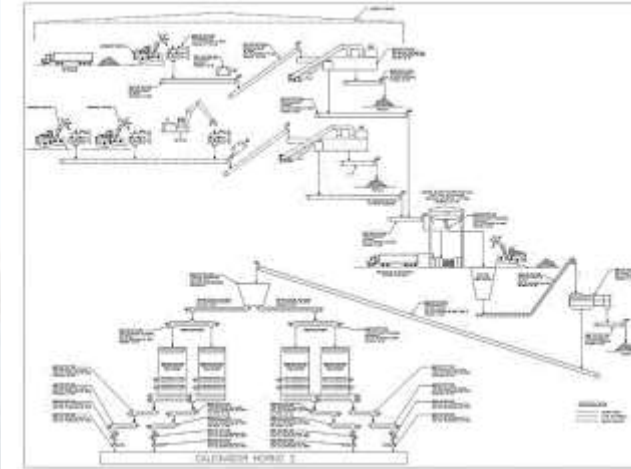
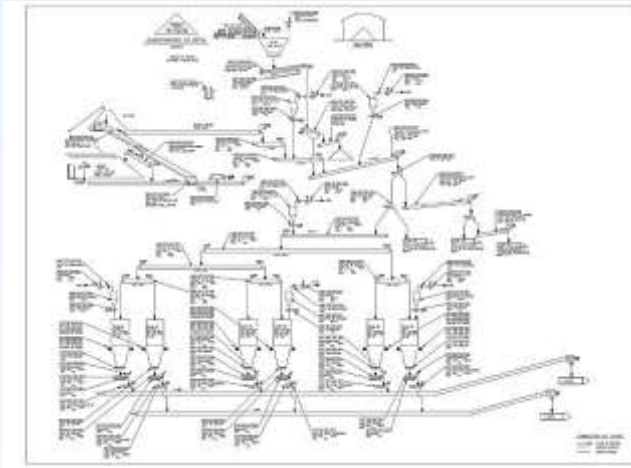
Project Highlight

Cement Mill Open to Close Circuit & Smart Loading, German Cement, Georgia



Project Highlight

Dosing system for Additive / RDF, Cemex Mexico



Project Highlight

Dosing system for Additive / RDF, Cemex Mexico



Project Highlight

Dedusting Bag Filters & Fans, Tepeaca 2, Cemex Mexico



Project Highlight

Limestone & Gypsum Conveying System, Brooksville, Cemex US



Project Highlight

OPC Cement & Slag Blending System (EPs), LafargeHolcim, Uganda



Project Highlight

Aggregate Production Line, China



Project Highlight

Long Steel Cord Belt Supply & Installation(9km), LafargeHolcim, Nigeria



Project Highlight

Ship Loading System (EPs), Siam City Cement, Vietnam



Project Highlight

Smart Bulk Loading System 1# & 2# (EPs), LafargeHolcim, Uganda



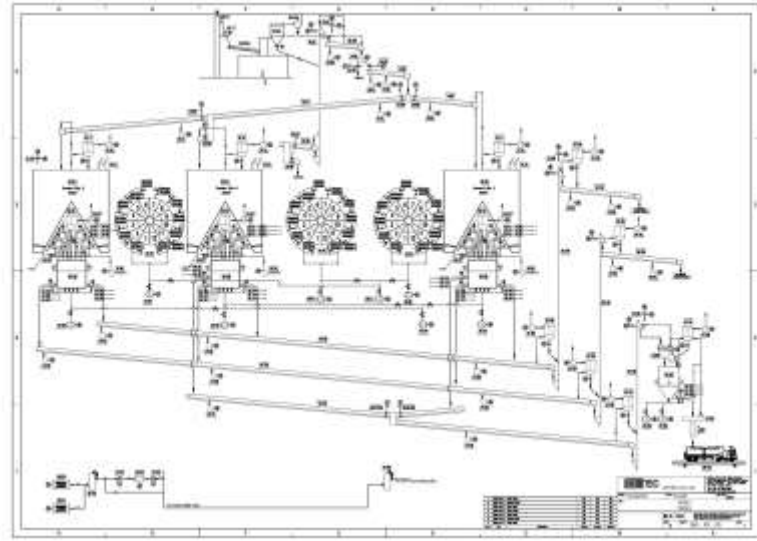
Project Highlight

Smart Bulk Loading System (EPs), Siam City Cement, Vietnam



Project Highlight

Cement Silo Equipment, FICO-YTL, Vietnam



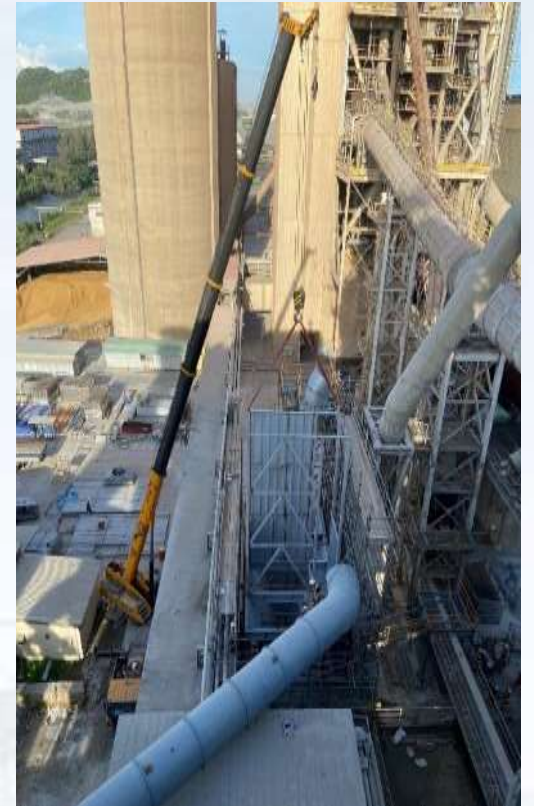
Project Highlight

Municipal Waste Treatment, China



Project Highlight

Bypass Gas Separate Dedusting System, Honchong Plant, Insee Vietnam



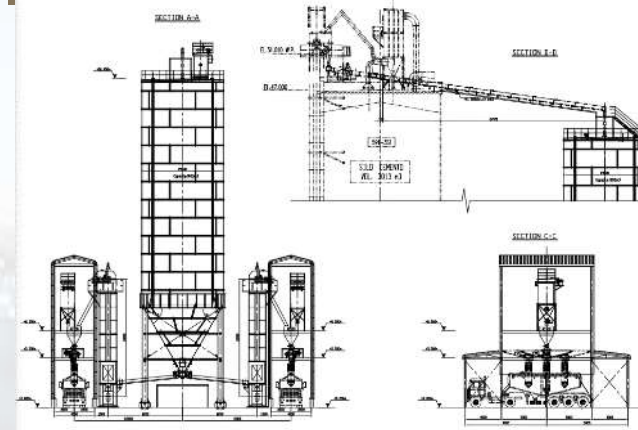
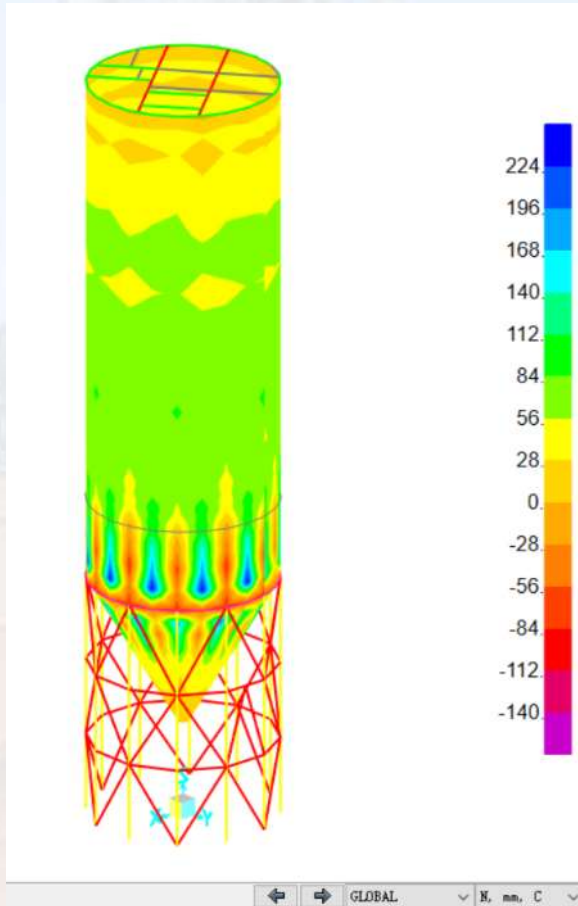
Project Highlight

Bypass Gas Separate Dedusting System, Honchong Plant, Insee Vietnam



Project Highlight

1600m³ Bolted Cement Steel Silo & Bulk Loading, Polpaico, Chile



Tekla modelling & design
Locally certified engineering
Assembly before shipment

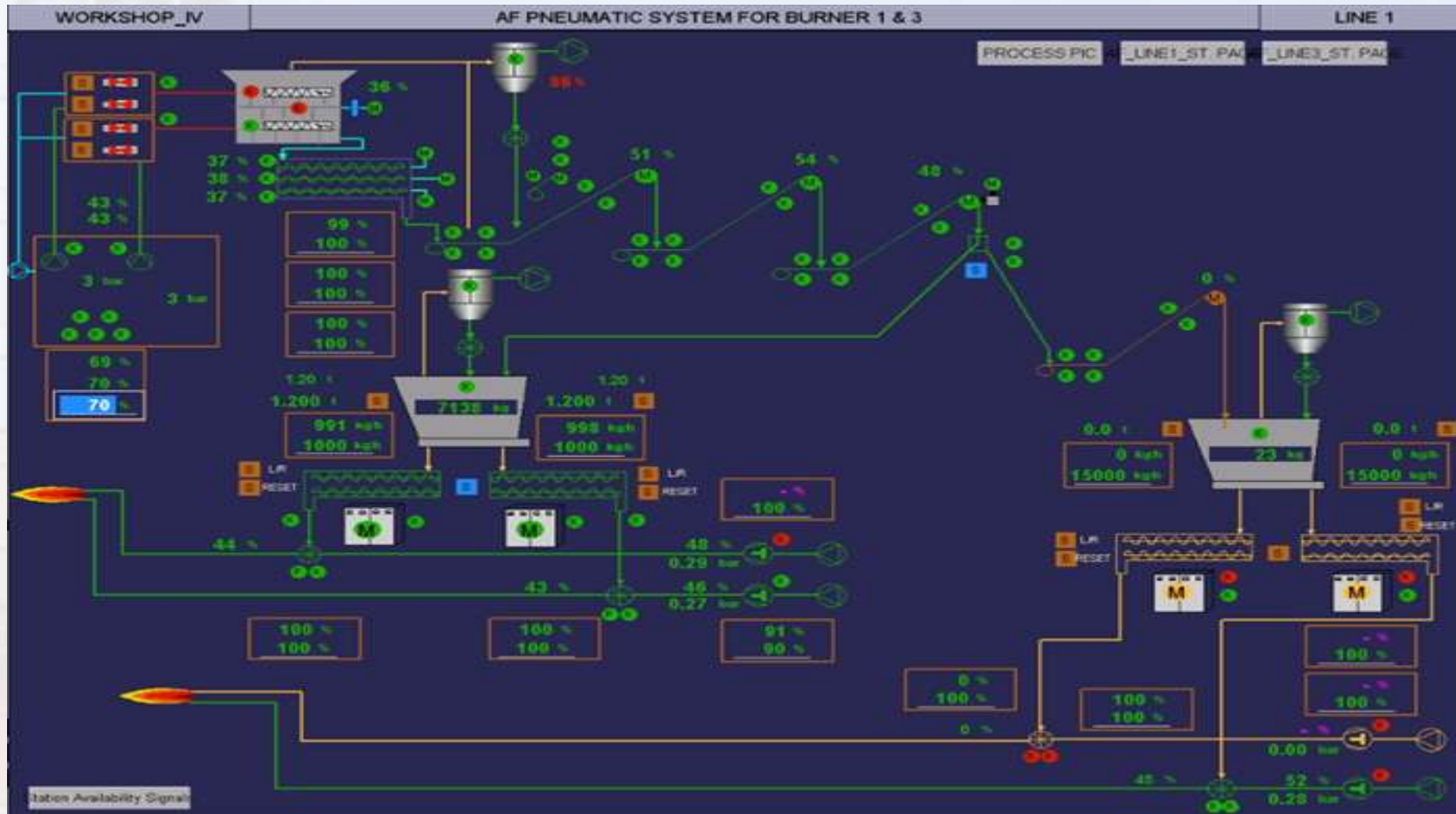
Project Highlight

1600m³ Bolted Cement Steel Silo & Bulk Loading, Polpaico, Chile



Project Highlight

2x15tph RDF Weighing and Handling System, CEMEX, Egypt



Project Highlight

2x15tph RDF Weighing and Handling System, CEMEX, Egypt



Project Highlight

Steel Plant Belt Conveyors (EPs), Ha Tinh Steel, Formosa, Vietnam



Project Highlight

Steel Plant Belt Conveyors (EPs), Ha Tinh Steel, Formosa, Vietnam



Project Highlight

Coal Handling System of Power Plant (EPs), Vostochny Port, Russia



Project Highlight

Coal Handling System of Power Plant (EPs), Vostochny Port, Russia



Project Highlight

Ship Loading Belt Conveyor/Pipe Conveyor, Port Ventonas, Chile



Project Highlight

Aggregate Plant Conveyors, Australia



Project Highlight

Belt Conveyors for Coal Handling, Thermal Power Plants, Taiwan



Project Highlight

Aggregate Plant Conveyors, Zambia



Project Highlight

Overland Belt Conveyors, Hebei Iron ore, China





Thank You



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