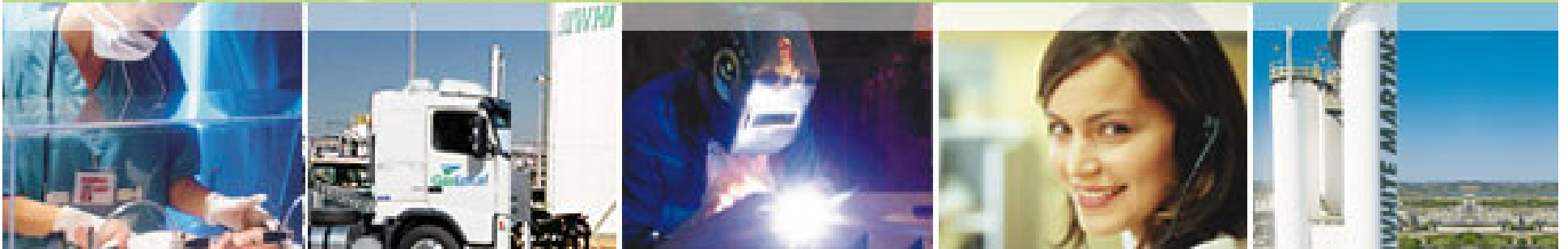


White Martins, Praxair Inc.

Calcium Carbide Exports



Praxair Inc.

With 27,000 employees and operations in 40 countries, Praxair is focused on helping our customers become more profitable, efficient and environmentally friendly.

With annual sales of \$7.7 billion, Praxair, Inc. (NYSE: PX) is a global, Fortune 500 company that supplies atmospheric, process and specialty gases, high-performance coatings, and related services and technologies.

Praxair's primary products are:

- atmospheric gases -- oxygen, nitrogen, argon and rare gases and
- process & specialty gases -- carbon dioxide, helium, hydrogen, semiconductor process gases, and acetylene (produced as by-products of chemical production or recovered from natural gas).

The company also designs, engineers and constructs cryogenic and non-cryogenic supply systems.

Praxair Surface Technologies is a subsidiary that applies metallic and ceramic coatings and powders to metal surfaces in order to resist wear, high temperatures and corrosion.

The company was originally founded in 1907 when it was the first company in North America to commercialize cryogenically separated oxygen.

Praxair serves a wide range of industries: food and beverages, healthcare, semiconductors, chemicals, refining, primary metals and metal fabrication, as well as other areas of general industry.

Check other details at www.praxair.com



White Martins: Praxair in South America

Praxair, Inc. has been operating in Brazil since 1948 through its regional company, **White Martins** Gases Industriais Ltda., established in 1912 distributing Gases in Brasil and now WM is also responsible for operations of Praxair subsidiary companies in South America.



In 1947, **White Martins** starts the first Calcium Carbide Plant at Barra Mansa and In 1962, WM expanded the production by starting it's second Calcium Carbide Plant in the same city.

In 1985, the Largest and most Modern Plant of Calcium Carbide in South America starts at Iguatama City and upgrade WM output to 72,000 Metric Tons per Year.

White Martins' Calcium Carbide: The Plant

The Plant



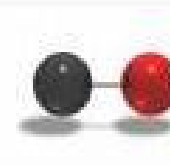
White Martins' Calcium Carbide: The Production

The Production

Location	Capacity	Running Since
Iguatama, MG	6,000 MT/ Monthly	1985





More than 950,000 MT produced

Production Process



White Martins' Calcium Carbide: The Product

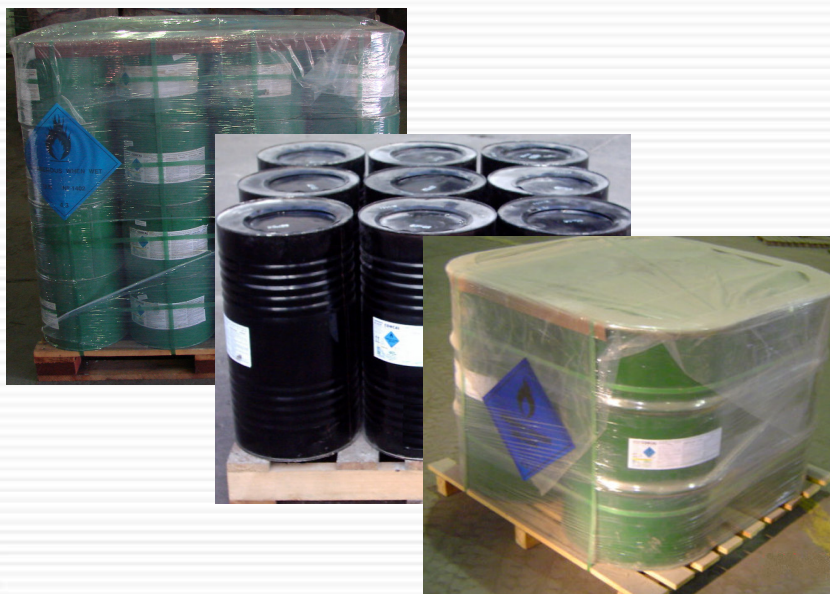
The Product

	Grain Size	Main Use	Gas Yield (minimum)	Availability (total Production)
	50 x 80 mm	Acetylene Generation	295	40%
	25 x 50 mm	Acetylene Generation/ Agriculture	290	50%
	02 x 04 mm	Desulphurisation Process	280	5%
	00 x 02 mm	Desulphurisation Process	280	2,5%

White Martins' Calcium Carbide: Packings

Packings

Packaging	20'DV Cntr - Net Weight (MT)			
	50x80mm	25x50mm	02x04mm	00x02mm
50 Kg Drums (loose)	25.20	25.20	25.20	25.20
50 Kg Drums (palletized)	18.00	18.00	18.00	18.00
50Kg Drum Plus 25Kg Drums	24.60	25.00	25.00	25.00
25Kg Drums (Palletized)	18.00	20.10	20.10	20.10
90Kg Drums (loose)	25.20	25.20	25.20	25.20
90Kg Drums (palletized)	18.90	18.90	18.90	18.90
200L Drums (w ith 5Kg Bags)	13.60	13.60	13.60	13.60
Big Bag 1.0MT	21.00	21.00	21.00	21.00



White Martins' Calcium Carbide: Main Uses

Main Uses



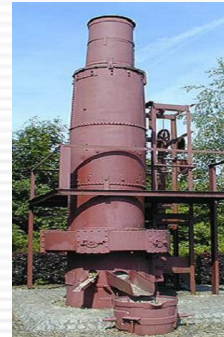
Acetylene Gas Generation

- Grains 25x50mm
- Grains 25x80mm
- Grains 50x80mm



Steel Mill

- Deoxidation
 - Grains 02x10mm
 - Grains 04x07mm
- Desulphurisation
 - Grains 00x02mm
 - Grains 02x04mm



Metallurgy

- Cubilot Oven:
 - Grains 25x50mm
 - Grains 10x25mm
- Desulphurisation
 - Grains 00x04mm
 - Grains 00x02mm

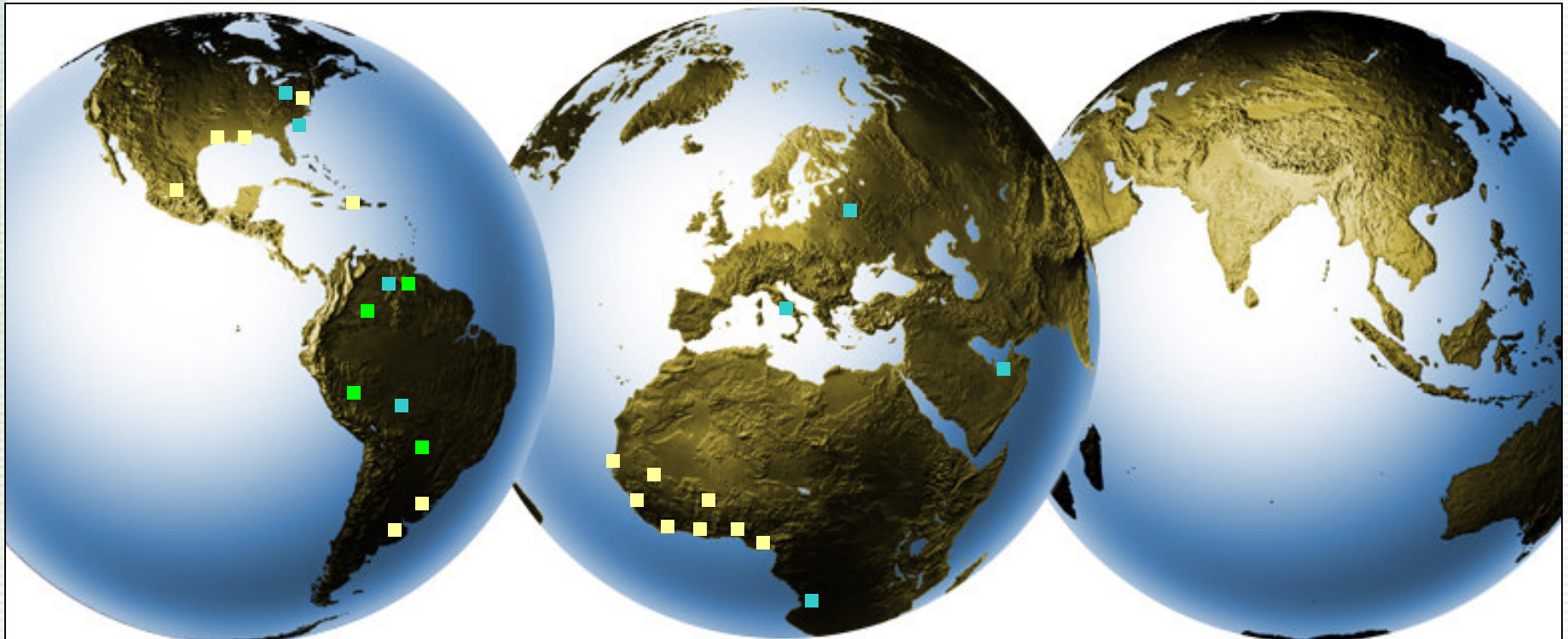


Agriculture

- Grains 04x15mm
- Grains 02x04mm

White Martins' Calcium Carbide: World Presence

World Presence

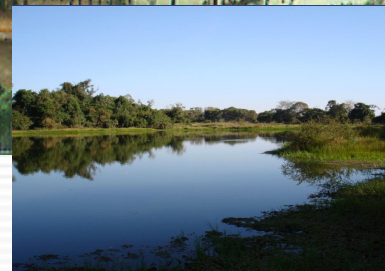
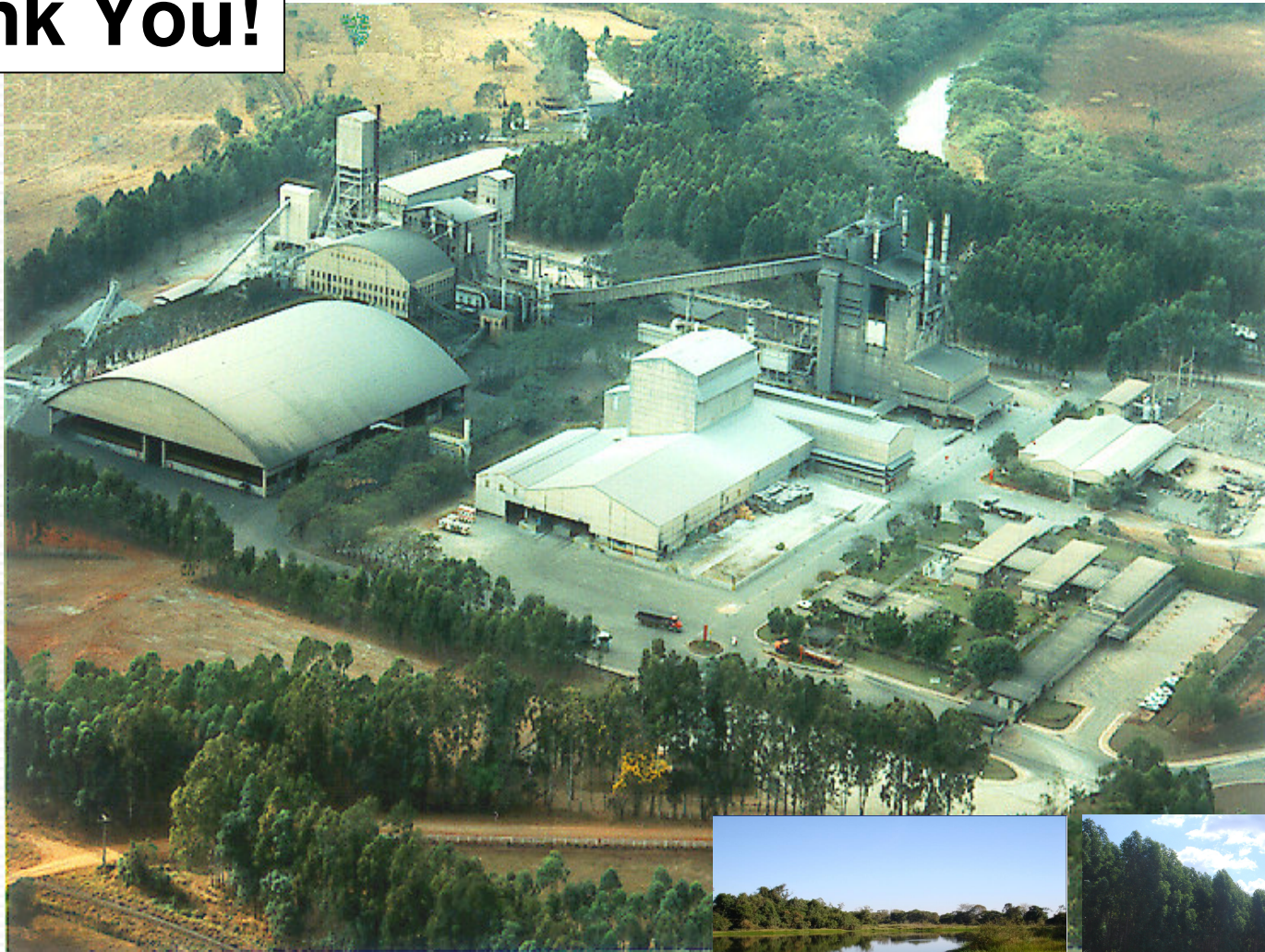


- Intercompany Operations
- New Markets (2008)
- Regular Markets

More than 30,000 MT Already exported
since 2005

White Martins, Praxair Inc.

Thank You!



WHITE MARTINS
PRAXAIR INC.