

# delifacts

PAHWA ENTERPRISE

delair india pvt. ltd.

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## Discerning Buyers opt for Delair

- ▶ NTPC orders for 20 nos. Refrigeration type Compressed Air Dryers for ash handling plants at Sipat STPP Stage II (2 x 500 MW), Kahalgaon STPP Stage II (3 x 500 MW) and Unchahar Stage III (1 X 210 MW)
- ▶ Delair recently shipped out to S. Africa a very innovatively designed Refrigeration Drying system with 2 nos. FDI dryers integrated as one single system to deliver 360 m<sup>3</sup> /hr compressed air at 45°C at 40 kg/cm<sup>2</sup>



## Ripples in the Air.....



### **Bry-Air** Asia Acquires Global Rights from **Bry-Air** Inc, USA

Bry Air (Asia), part of the Pahwa group, has acquired the global business interests and marketing rights from Bry Air Inc, USA, which includes the Bry-Air brand and all trademarks of Bry-Air Inc., USA

Bry-Air Inc., USA will remain an autonomous and financially independent corporation with manufacturing, sales and marketing rights licensed for USA, Canada and Mexico from Bry Air (Asia)

## There is a change in the air

### **Arctic India Engineering is going to be Desiccant Rotors International....**

The process of globalisation requires a constant change. Some of our high tech components/products supplied to USA, Europe, Japan, etc by our export division, Desiccant Rotors International (DRI) have gained wide acceptance abroad. In India the same products are manufactured and sold by Arctic India Engineering. To streamline and have one identity the world over for this group company, plans are on anvil to change the name from Arctic India Engineering Pvt. Ltd. to Desiccant Rotors International.....DRI



# Delair the preferred option for discerning

**West Bengal Power Development Corporation Ltd.** preferred Delair to supply of 9 nos of Refrigeration Type Compressed Air Dryer having capacity of 2500cfm (Model FDI-4310W) & 2 nos 500 cfm (FDI-850W) for their Kolghat 250 MW power plant expansion in Kolkatta.

**Hindalco Industries Ltd.** for its Birla Copper unit at Bharuch, Gujarat opted for Delair Refrigeration Type Air Dryer (Model FDI-6000W) for 3500 cfm.

**Torrent Pharmaceutical Ltd.** opted to install 2400cfm Heat of Compression type dryers (H.O.C) for (-) 40°C dewpoint for its Baddi project at Himachal Pradesh.

**Visakha Industri** Visakha Group. 1 2000cfm model Receivers for t expansion.



The **Andhra Sugars Ltd.**, caustic soda plant division at Kovvur/Saggonda in West Godavari Dist in A.P has been Delair Privileged customer and had opted for Delair No Loss Split Flow Dryers of 1000nm<sup>3</sup>/hr, 600nm<sup>3</sup>/hr, 60nm<sup>3</sup>/hr made of SS-316 material grade for critical installations. dryers are supplied for (-) 60°C dewpoint.

Delair supplied to Tinplate at Jamshedpur Refrigerated Dryer having capacity of 4000cfm at 3°C dewpoint at 7kg/cm<sup>2</sup> pressure with digital display option.

## Delair Surging Ahead

with an Improved Product Range and Expanded

The **New** Improved Range



**FDI Series with microprocessor based digital display**



**DC series with new filter arrangement**



**Specialised HOC & NSLF Dryers**

# buyers

es Ltd., Nagpur, a part of  
Hyderabad installed 2 nos  
FDI 3340W & 15m<sup>3</sup> Air  
their Airjet spinning mill



customers for the past 10 years  
documentation application and  
double module energy saving

# Network



Wide range of  
Filters and Accessories

# Dealers' Meet

The Delair team got together in the picturesque locale of Chowkidhani, near Jaipur for a 3 day brainstorming workshop on marketing strategies and customer support. After the meet, the team went back supercharged to provide the customers with a better support!



## Snippets from the Meet

**LALIT AHUJA**  
HYDRAULICS & PNEUMATICS  
JAIPUR

"The dealer meet was indeed a very enriching and learning experience. The high levels of dedication & motivation of the entire Delair Marketing Team has really inspired me."

**SATISH NAYAK**  
SYNERGY MARKETING  
MUMBAI

"It was a team participation. A lot of new points were discussed during the meet which will really help us to counter tough situations. I wish all my dealer friends a successful year for achieving the targets & assure you that we (Western Region team) will try to achieve the same"

**V.B. CHADHA**  
AMIS ENGINEERS  
SECUNDERABAD

"I feel we all had a wonderful time creating a **good bond** in addition to very useful discussions on all Delair Products for **efficient marketing** for all time to come. I am sure we will be meeting more often and help each other wherever we can. Please do not hesitate to call me up for any help at any time."

## Delair organised seminars to promote better understanding of Compressed Air Drying

### ...at Secunderabad

AMIS Engineering, Delair's Dealer in Andhra Pradesh along with IPE organised a one day workshop for the plant and maintenance engineers. The workshop was highly interactive and extensively covered topics like the advantage / limitations and comparison of hydraulics with various type of compressors, air dryers and accessories, pneumatic circuitry elements, latest trends, etc. Mr. Naveen Zutshi, National Sales Manager, Delair presented the paper on behalf of Delair



### ...at TISCO, Jamshedpur

The seminar "Compressed Air Drying in Steel Plant and other Engineering Industries" organized by Delair at Jamshedpur focused on the 'Use of Dry Compressed Air in Instrumentation and Process Application' generated enthusiastic participation from industrial majors like TISCO.

## A Growing and Happy Customer base.....



# When Moisture is Torture!

## Dry, Compressed Air for Fly Ash Handling

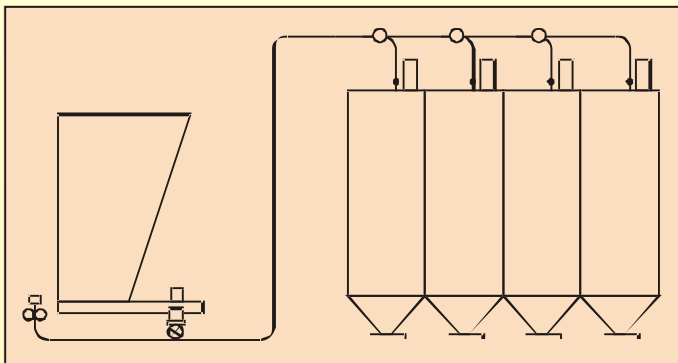


Nearly 73% of India's total installed power generation capacity is thermal, of which coal based generation is 90%. The utility thermal power stations, besides the several captive power plants, use bituminous and sub-bituminous coal and produce large quantities of fly ash. The process of coal combustion results in fly ash. Thermal power plants need dry, compressed air for Fly Ash conveying. Almost all conveying systems except the vacuum system require dry compressed air for ash conveying.

### Pressure Conveying System

Bulk material is conveyed by air under pressure. This system offers advantages of conveying material from one point to another or to a number of discharge points. The system is composed of a blower or a fan, rotary lock, cyclone separator, diverter, piping and fittings bag filter.

Pressure conveying system needs dry compressed air to transport dry fly ash from the surge hopper to the silo for ash storage. Here, the dry ash is mixed with the compressed air-ash mixture being conveyed through the pipeline which



runs up to the storage silo where the ash is discharged and the air is released into the atmosphere after filtration. If moisture is present in the compressed air stream, the ash gets moistened, sticking to the sides of the pipeline leading to scale formation and corrosion of pipes.

### Moisture Chaos

Moisture in compressed air stream leads to :

- Corrosion in pipes, ash intake valves, air intake valves and other components.
- Increased downtime and maintenance costs of pneumatic controls.
- Contamination and damage at points where the compressed air comes directly in contact with sensitive materials.
- Rust and scale formation in pipelines, silos.
- Sluggish and inconsistent operation of air valves.
- Malfunctioning of pneumatic shutters.

### Relief from Moisture

There can be tremendous saving of energy costs if the compressed air is dried up to 2 to 5 °C PDP (Pressure Dew Point) instead of (-) 20°C, corresponding to ADP of -20°C to - 40°C respectively. For most cost effective removal of moisture from the compressed air stream, Delair engineers suggest installation of Refrigeration Type Dryers since Heatless Type Dryers use more power because of the purges process of reactivation.

Delair has been able to save production and energy cost for many thermal and cement plants by installing its wide range of Refrigeration and Adsorption Compressed Air Dryers. Some of the satisfied customers who have installed Delair Dryers in their manufacturing units include:

- West Bengal Power Corporation Ltd
- Indraprastha Power Station (Delhi)
- Hindalco Industries Ltd
- Ennore Thermal Power Station (Chennai)
- Power Division

Please note our new telephone numbers :



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