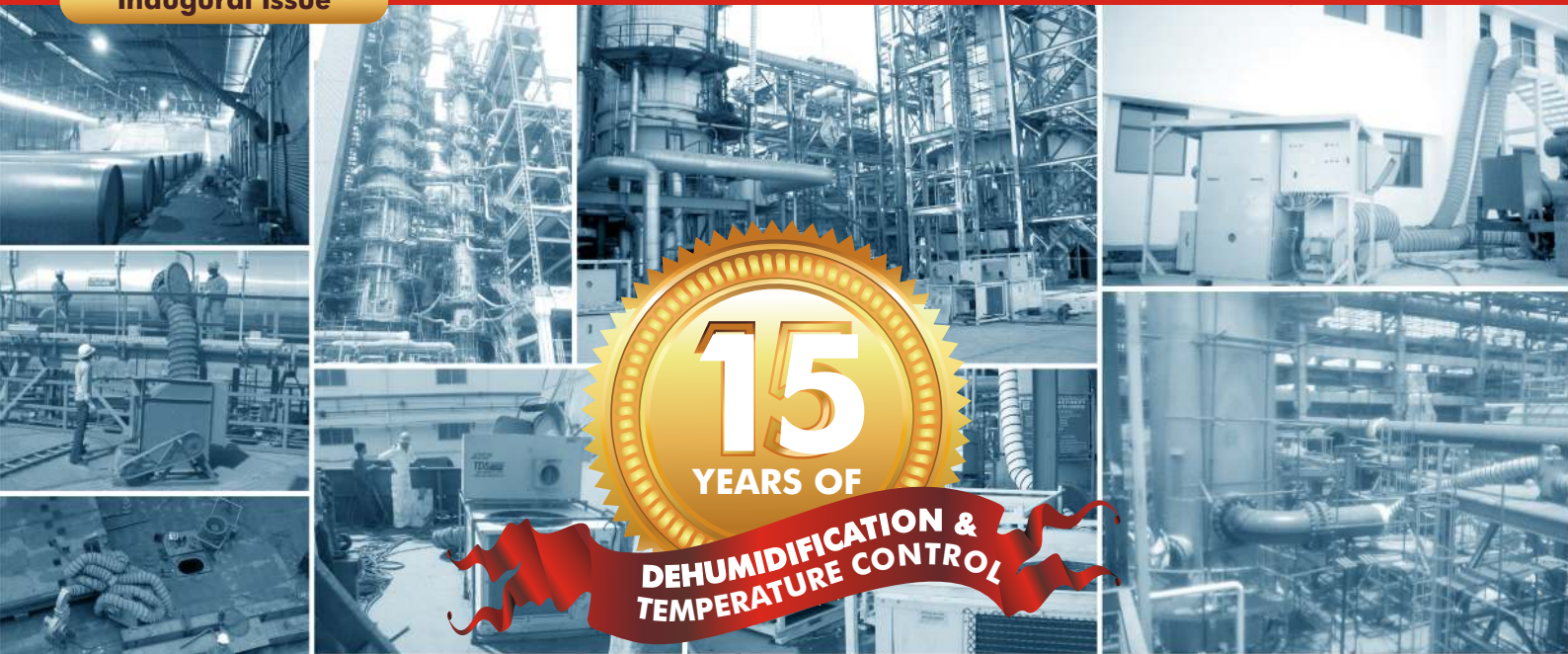


DEHUMIDIFICATION **ON RENT**

A newsletter on short term humidity/temperature control and drying services

www.tdsasia.net

Inaugural Issue



Dear Readers,

It gives us great pleasure to share with you, the inaugural issue of "Dehumidification on RENT", our half yearly newsletter.

With your invaluable support, we have grown from a single branch in 1998 to seven (7) branches spread across India, and an international branch in Malaysia.

TDS (Technical Drying Services) makes sure that all your temporary humidity problems are taken care of effectively, economically, and as quickly as possible. With over 100 AIR HANDLERS and 15 years of experience in tackling temporary moisture problems, we are the pioneers and best in the industry when it comes to RENTAL Dehumidification

In this newsletter, we would like to share a few stories on how TDS helped customers to get rid of humidity problems and why renting equipment for temporary humidity problems makes economical sense. We really hope that you find this issue useful. We look forward to receive your feedback and suggestions for the upcoming issues.



Group Companies:



Some Interesting Projects TDS has done

Generator Preservation in Hydro Plant

At Baghlihar Hydro Electric Power Plant, J&K , electrical components including Hydro Generators, electrical panels, transformers & accessories were stored because of ongoing civil work. Electromechanical equipment at more than a dozen sites in the same plant had to be preserved till the project startup .

Ambient RH can drastically increase corrosion rate of stored equipment. To prevent corrosion of the same, RH of around 40% is recommended.

TDS offered Desiccant Dehumidifiers manufactured by Bry-Air to maintain RH levels at 40% for 2 years. The preservation process successfully prevented corrosion of the expensive hydro generators & accessories.



Detergent Packing

A client of TDS desired to increase the output of HASSIA detergent packaging machine. Detergents are highly hygroscopic in nature, & maintaining a free flow nature of the same requires effective humidity control.

Ambient RH of 95% resulted in uneven flow & frequent interruption of the process. A precisely controlled environment with low RH level was required to maintain the freeflow nature of the detergent.

Technical Drying Services offered Desiccant Dehumidifiers on rent to maintain the desired conditions. 3 Dehumidifiers helped maintain RH level of 40-45% in an area of 3500 Cu Ft.

Free flow of detergent resulted in drastic increase in production, and hence, substantial savings.

To read more case studies & applications , mail us at tdsmarketing@pahwa.com. We would be delighted to share !



Pipeline Drying:

Hydro testing of pipeline is done to check the integrity of pipelines. It is crucial to remove traces of moisture to avoid problems like: contamination of expensive fuel, damage to internal coating, etc. TDS provided dehumidifiers and blowers to remove moisture from the hydro tested pipeline meant to transport ATF.



Welding Electrode Storage:

High humidity affects the properties of welding electrodes, thereby resulting in a poor weld. Our client faced problem in maintaining the recommended Relative Humidity (RH) for welding electrodes kept for further inspection by an agency. TDS helped reduce ambient RH of 95% to about 35% in the storage area of 150 cubic feet. Strict humidity control achieved by Desiccant Dehumidifiers ensured that the welding electrodes didn't lose their properties and provide the perfect weld.



WHEN MOISTURE IS TEMPORARILY TORTURE !

Dry Air on Rent is the solution

In this column, we will share stories on how TDS helped to get rid of seasonal high humidity problems

WHY DO YOU NEED DRY AIR ?

The need for "dry air" or humidity control is known to all. Over the years, we have been reaching out to you with our promotional information and emails.

There are many industrial processes and manufacturing procedures which require close control of the humidity conditions to ensure product and process quality. Typically, humidity control or dehumidification is necessary to:

- Prevent corrosion - organic and inorganic.
- Control or retard microbial growth.
- Reduce storage losses.
- Ensure quality processing and packaging.
- Restore damage caused by water.

WHERE DO YOU NEED DRY-AIR ON "RENT"?

Some core areas where you need dry air on rent for optimum results include:



- Blasting and Coating Process
- Water Damage Restoration
- Pharmaceutical Manufacturing



WHY DO YOU NEED "DRY-AIR" ON RENT?

The need for dehumidification to control ambient conditions, in research, production, processing and packaging industry has been recognized for long. However, some times the need to control humidity is short term. Typically, the need for dehumidification for short-term may be due to any one of the given reasons ...

- To postpone Capital outlay.
- To tackle seasonal/ temporary or an immediate requirement.
- To try and test the suitability of the equipment and process, before purchase.
- To fulfill specialised needs like Special Drying chamber for small objects like Wood Handicraft items, Flowers and others.
- To maintain special ambient conditions in storage containers and warehouses.
- To restore damage due to floods, water seepage, pipe leakage etc. and many others.



- Research Activities
- Process Industry
- Marine Industry
- Storage Warehouses
- Packaging Process
- Petrochemical Tanks
- Power Plants

TO SUPPORT YOUR SHORT TERM NEEDS

TDS will provide "dry air on rent" round the clock for your short term drying problems.

To effectively address your short term and temporary dehumidification needs "in real time", at TDS we have adopted a pioneer approach of "Round the clock" service.

We shall be available to tackle your humidity problems **24 hours a day, 7 days a week**, backed by years of experience and top-of-the-line equipment and tools.



The backbone of our services: Desiccant Dehumidifiers

Bry-Air dehumidifiers use desiccant to remove moisture from a confined space. Desiccant adsorbs moisture from the passing air, and is regenerated in a dedicated section to get ready to adsorb more moisture. The continuous moisture removal helps maintain recommended relative humidity (RH) in the confined space as per requirement.



Exhibition update

Visit us at :

1. Surface Technology 2013

Date:

17th-20th December 2013

Venue:

Pragati Maidan, New Delhi

2. Petrotech 2014

Date:

12th -15th January 2013

Venue:

India Expo Center, Greater Noida

+ New Branch JAMSHEDPUR

We plan to introduce more branches for quick delivery and superior services.

Log on to our website to know more about rental dehumidification and application areas.

www.tdsasia.net



An ISO 9001 : 2008 Company



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