

Delair helps MARUTI SUZUKI tackle the moisture menace in its Paint Shop



Compressed air is the most popular medium for atomizing paint in automobile paint shops. Moisture present in the compressed air line used for spraying the paint affects not only the final finish of paint but also affects the quality and life of paint.

Maruti Suzuki, when faced with the problem of moisture in their compressed air line in their Bumper Paint shop approached Delair to solve the problem.

Delair helped to solve the problem by installing two engineered type COMPRESSED AIR DRYERS which ensured supply dry compressed air at 106 nm³/min.

A Soapy Affair



LPG cylinder manufacturers pressure tests the cylinder after final assembly with compressed air at 7 kg/cm². Two major South based manufacturers of LPG cylinders were facing rejection of their cylinders due to corrosion of cylinder after the pressure test. The cause, moisture in the compressed air!! Approached with the problem, Delair installed compressed air dryers after the compressor to achieve a dewpoint of -40o C, which totally eliminated the problem of corrosion of cylinders.

For a Good Tennis Racquet



Carbon Composite India Ltd., a 100% exports unit manufacturing high quality tennis racquets did not want to take chances with the final quality of the racquets, which they were exporting to clients like Mizuno Corporation, the Japanese sports goods company. They installed a Delair Refrigeration type Compressed Air Dryer model DIA 110A to dry the compressed air used in their molding machine and painting process.

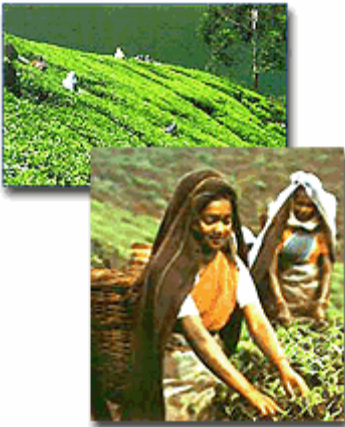
For Printing



At Ushodaya Publications, newspaper is printed by pneumatically controlled offset printing machines. Sluggish operation of cylinders and frequent malfunction of pneumatic valves of the printing machines resulted in poor print quality. Moisture and oil vapour present in the compressed air used to operate the pneumatic cylinder and valves caused frequent breakdowns.

Ushodaya has been able to overcome its production and quality headache by installing a Delair Heatless Compressed Air Dryer Model DC 125 which keeps moisture and other contaminants out of the compressed air stream.

Sifting Quality Tea from the Ordinary



Tea sorting machines are used to sort out various types of tea leaves, so that they can be graded and blended according to their quality.

Tea sorting machines use compressed air for its sorting process. The compressed air is able to sift out big leaves from the small and so on. And like so many other processes, moisture is the main barrier to the smooth process of sorting. It is best to ensure that the compressed air is clean and dry before it is fed into the sorting machines. Maud Tea Company, Assam, successfully solved the problem of excess moisture in compressed air by installing Delair Heatless type Compressed Air Dryer model DC 122 with pre and after filters with its sorting machine.

The heatless dryer has proved to be an ideal solution since it is:-
automatic and continuous in operation
low in first cost
simple to install
low in maintenance and operation cost.

LPG Cylinder Manufacture



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Lacquering or Spray Painting



Kanchan Frazer India Pvt. Ltd., Madras, a leading manufacturer and exporter of automatic numbered locks, were facing severe quality problems, as compressed air, used to lacquer the metallic lock, had moisture in it. This resulted in making of metal locks dull. With the installation of Delair Heatless Compressed Air Dryer, the problem of moisture was totally eliminated allowing Kanchan Franzen to maintain the shine of their locks.

Cigarette Manufacturing



Moisture in the compressed air line results in lumping of tobacco while under process and packing. ITC Ltd., was losing large quantity of tobacco because of moisture in compressed air line network.

Delair solved the problem for ITC by installing a refrigeration dryer to provide moisture-free air at required dewpoint.