



Airco DIET has been involved in more than 100 DIET (Dry Ice Expanded Tobacco) and Impex Projects worldwide presenting a +95 % uptime with a dry yield above 98.5 % through the plant. Many of these have been turn-key projects inviting us to continue refining our processes.

We are a flexible organization with matchless expertise within our field. Airco DIET is the global leader within Tobacco, Expansion and CO<sub>2</sub> technology.



**360° Exceptional Service**  
Expert knowledge and performance improvement

# 360°

## FIRST CLASS MAINTENANCE PROGRAM

No-one is better qualified to provide maintenance than Airco DIET who invented, engineered, designed and built your DIET Plant. We strive to be your service partner ensuring your DIET plant to operate efficiently with the best possible uptime.

### Airco DIET Services

Over the years, Airco DIET has established a first-class maintenance program, which minimizes downtime, prolongs the lifetime of the DIET plant and optimizes the use of spare parts and stock requirement, thereby lowering costs.

Multiple Airco DIET senior engineers perform the onsite works while our engineering group provides backup assistance. Furthermore, internal logs hold information about work performance, document spare parts used and spare parts required for the next service visit.

We also maintain a plant efficiency and performance log ensuring continuous and highest possible performance. As part of the program, we share innovations, recommend software upgrades and present new equipment and process upgrades.

High performance & efficiency

- Lower CO<sub>2</sub> consumption
- Increased yield through the process
- Reduced power usage
- Better equipment running conditions



### Service & maintain work visits on site every 6 months

A typical service contract consists of service visits every 6 months. Our senior engineer reviews the plant and with expert knowledge, he identifies areas that need optimization, maintenance or spare parts. He issues and keeps a maintenance log for the records. The objective is to safeguard continuous trouble-free operation, cost-effectivity without compromising on peak performance.



### Maintenance log

The maintenance log identifies work performed, parts used and lists recommended, upcoming works and parts needed. A maintenance schedule is developed to minimize downtime and forecast any upcoming costs. For budget purposes, a separate major equipment overhauls schedule is developed/established together with the customer.

The log also includes any safety or code required documentation for work performance and well as updated P&ID diagrams reflecting the latest implemented design. The customer will receive an up-to-date soft copy of the log which is also kept in our engineering department.



### Spare part optimization

Airco will identify and make sure that the correct spare parts are supplied. At the same time, we minimize your spare part stock and supply only the parts needed shortly before the service visits – hereby optimizing cash flow and minimizing the cost of spare parts storage.



### Equipment performance record

Airco DIET will monitor equipment performance and optimize running conditions with each visit. We will suggest program changes or other process or equipment enhancements that can improve the DIET product, the yield through the plant, minimize utility consumption and prolong lifetime.



### Always striving to be better

Constantly, we develop and enhance our DIET Plants to be better, safer and more profitable. We strive to minimize utility consumption while optimizing equipment lifetime and are constantly enhancing yield through the process. Airco DIET plants are designed to meet all new international rules and regulation for safety and the environment. Currently, you will benefit from these continuous improvements as we vigorously work together with all our customers.

