



Case Study

Alkem Laboratories Limited

Alkem Laboratories Ltd., is world over known for premiere healthcare institution in generics and brand formulations was founded in 1974 by one of the India's highly respected entrepreneurs Shri Samprada Singh. In the last three and a half decades of its operations, Alkem has successfully emerged as a leading domestic pharmacy company and is rapidly multiplying its international footprint. Alkem is the 7th largest pharmaceutical and healthcare company in the Indian Pharmaceutical Industry with its presence in 31 remote locations all over India. Over the past decade it has been on an accelerated growth path with excellent growth rate of over 20% in an increasingly competitive environment not only in domestic markets but also in international markets.

The HO is in Mumbai, R & D Centre in Taloja and 31 remote locations of Alkem are:

- | | | | | |
|-----------|-------------|--------------|------------|--------------|
| • Cochin | • Ahmedabad | • Pune | • Amaliya | • Derabassi |
| • Turbhe | • Baddi | • Bangalore | • Lucknow | • Raipur |
| • Chennai | • Ghaziabad | • Ankleshwar | • Guwahati | • Mandva |
| • Ranchi | • Hyderabad | • Nagpur | • Kachigam | • Vijaywada |
| • Patna | • Sikkim | • Jaipur | • Calcutta | • Chandigarh |
| • Cuttack | • Indore | • Delhi | • Zirakpur | • Dehradun |
| | | | | • Ambala |

Requirements

Alkem laboratories boasts state-of-the-art facilities that employ cutting-edge manufacturing techniques for producing best-in-class medicines and drugs. Ankleshwar, Kachigam & Mandva plant are one of the most important plants which have manufacturing capabilities of producing crucial API's which are critical raw materials in majority of medicines.

All the three plants had industrial pressure gauges which though provided advantages like easy installation, affordability but had loads of disadvantages like less reliable readings, pressure pulsation, over-pressure spikes & premature wear due to ambient temperature & humidity.

Also it had the hurdle of on-the-spot calibration wherever it is installed. The main drawback of existing system was manual handling, No Real time data and auditing problems due to non-compliance to non-adhering standards.

Solution offer by Enviro Technologies

Enviro Technologies made sure that considering the high quality focussed organization like ALKEM it's important to provide best in class products which should also reflect in smooth operations after installation and establish a long standing relationship.

We offered our ETS series Digital Pressure Gauges which were of same size & round shape as compared to existing magnehelic pressure gauges. This retrofitting helped in less hassles and gave the all the plants a renewed system that to at an efficient installation time-period.

The benefits of the system like durability & robustness impressed everyone with beautiful stainless front it also added to the aesthetics a bit.

Salient Features were

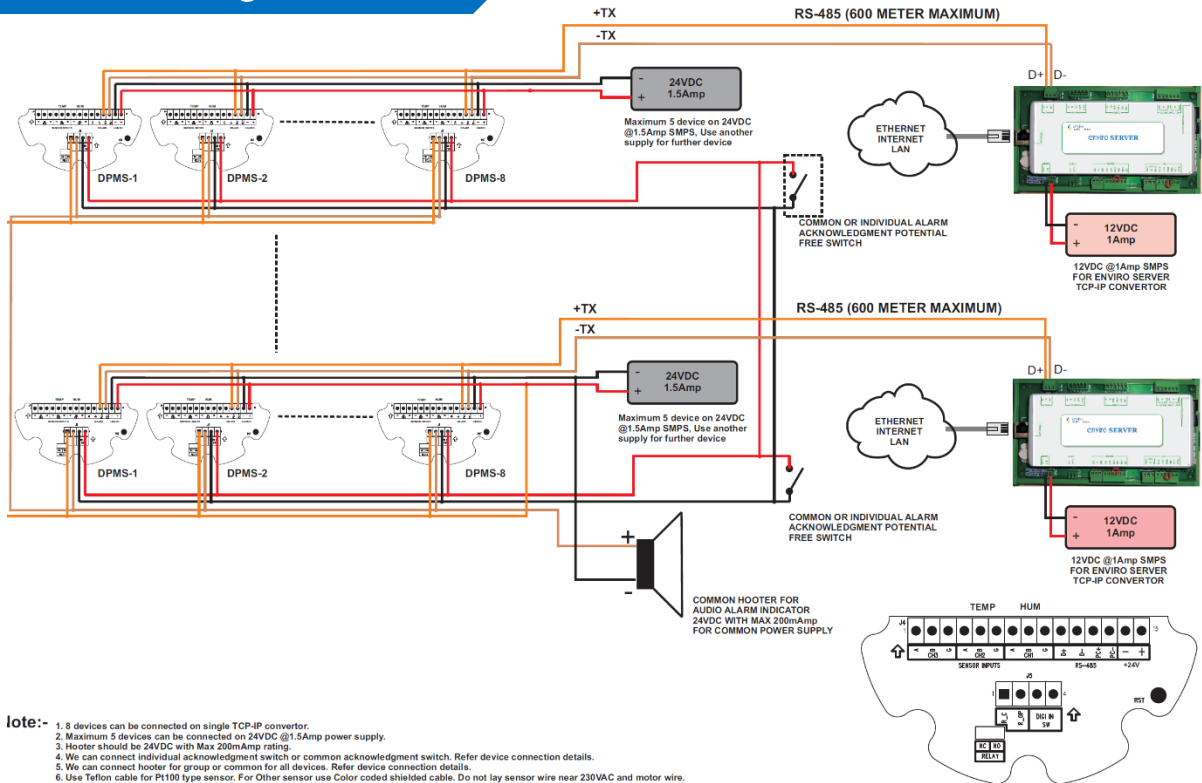
1. Fast as well as precise, as they have a large pressure range
2. Small increments of pressure change can be detected
3. Efficient reading memory
4. International quality and standards taking in cognizance international measurements like Pascal & mmWc
5. Undeterred towards over-pressure or constant pressure pulsation
6. Best-in-class EMS software that provides tamper proof files and encrypted electronic records and a spectrum of functionality including downloading, displaying, analysing reporting of data and 24 x 7 multi stage alarm notification
7. RichMIS like Audit Trail, MKT, Device wise channel, Equipment wise channel, Device wise channel, Alarm, Equipment Wise Channel Alarm, Device Channel Info Event.

Highlights of the Project

Total Number of DPMS – 1300 +

Plants – Ankleshwar, Mandva, Kachigam, Samardum, Rangpo, Indore

Connection Diagram



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