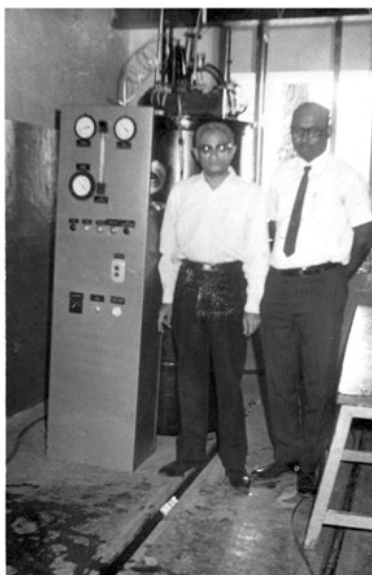


IEC VAPORIZERS

Chemical Vaporizers since 1963

1963 M443 Model semi Vacuum chlorine vaporizer - capacities upto 50 kg/hr Indigenously Designed gas chlorinator system first time India installed in public health dept Ahmadabad, Gujarat.



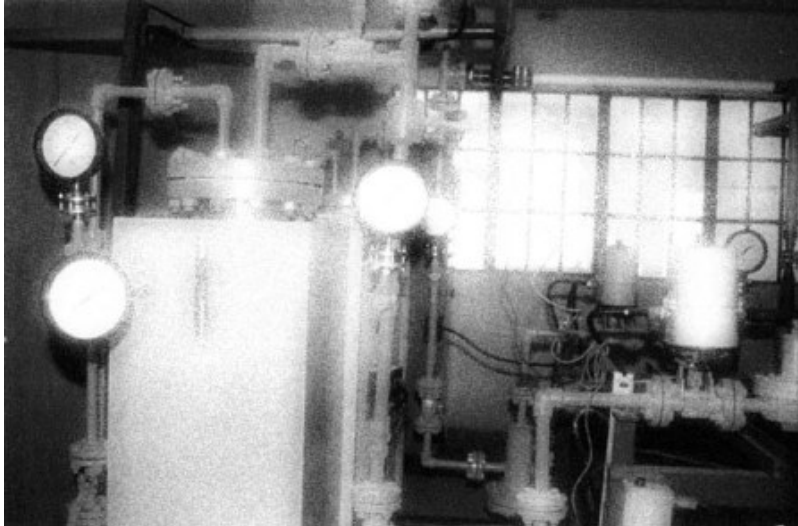
Mr. P. S. Nathan - on right side (Founder)

1970 Poway water works - Central chlorination house for greater Bombay at Poway Replacement of 40 - 50 tonner connections for gas withdrawal replaced with electrically heated water bath vaporizers for the first time in India. using only one tonner for chlorine supply - 150 kg / hr.



1972

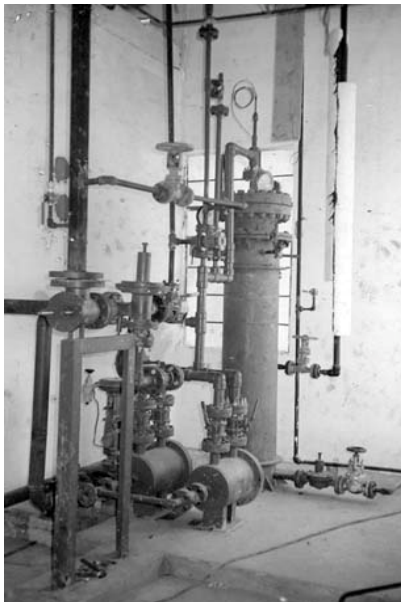
First indigenously designed and manufactured. Steam heated chlorine vaporizer of capacity -300 kg/hr at Dombivili, Mumbai.



1972

First indigenous sea water chlorination plant for THERMAL POWER STATION - Consultant - Czek consultants.

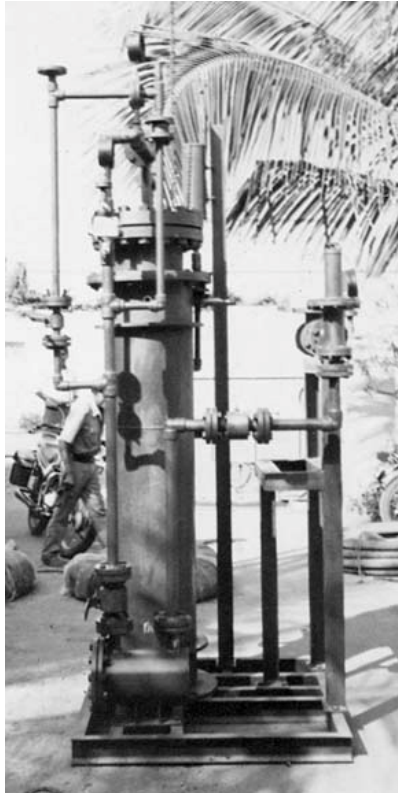
Installation at Ennore thermal power station- 1x 300 kg/hr vaporizer & 2 x 150 kg/hr gas chlorinator



1974

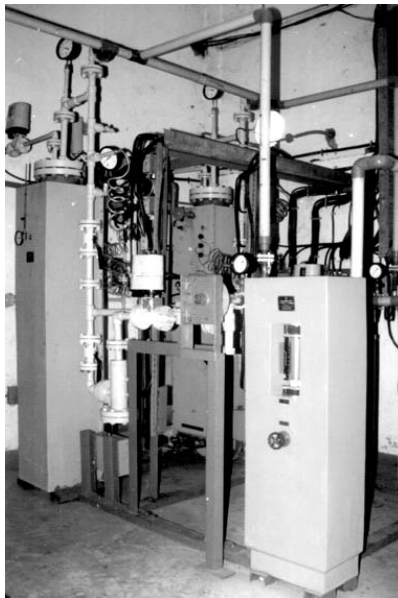
First export of 2 x100kg/hr chlorine evaporator and Gas chlorination system for Prai thermal power station at Malaysia.

1975 First LPG vaporizer - 100 kg /hr for L&T powai, Mumbai - Indigenously designed and manufactured for heat treatment furnace firing.



1977 CEA -constructed power station at Badarpur, to meet Delhi power requirement - operated by NTPC today - 2 x 150 kg / hr- First high capacity semi- vacuum & semi automatic vaporizer gas chlorinator being operated till today.

1978-1979 Indigenous total chlorination system with vaporizers - Narora Atomic Power Station & Kakrapra Atomic Power Station .
ZERO ENERGY POWER PLANT - SEA WATER CHLORINATION



1985 In-house demonstration of Chlorine Gas leak absorption system capacity 1000kg/hr caustic neutralization facility - using absorption tower and caustic recirculation facility. Subsequently worked with many consultants to frame specification for Neutralization system.



1998 First 2500kg/hr Chlorine vaporizer indigenously designed, Manufactured, commissioned for an Indian customer.



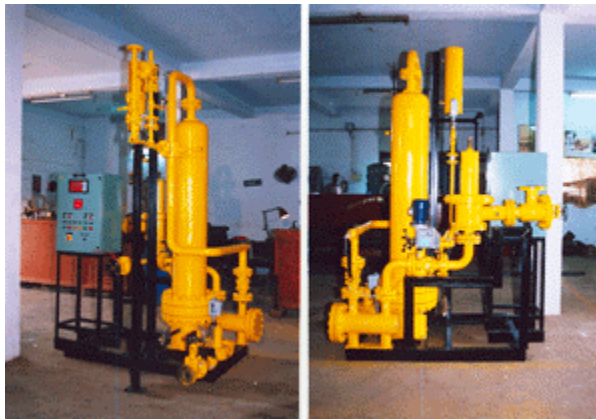
1999 First PLC based Auto - chlorination facility (slug dosing) designed and installed at Lanco Kondapalli power - 355MW CCPP, India

2000 A computer generated - To scale- model of 2 x 20 kg / hr Electro chlorination plant.

2003 APPROVED by NTPC as an only Indigenous vendor for Design, Manufacture and supply of Power plant Gas chlorination systems for their Power projects.

2004

Bayonet type steam heated chlorine vaporizer – Indigenously designed manufactured & installed for an Indian customer. Capacity: 2500 kg / hr.
Special Feature - Large capacity - Small foot print



2004

First export to China - SO₂ vaporizer system Installed at Chengdu, Central China & subsequent installations at:

- Kunshan, Shanghai
- Donguan, Province, Near Hong Kong
- Tianjin, Near Beijing



2006 First indigenously designed, manufactured vaporizer system for R 23 - 100 kg / hr for a Clean development mechanism project for an Indian customer using German technology for incineration of R23. Installed in Gujarat, for 2 different Indian customers.



2008 IEC registered with ISO 9001:2000 Quality Management System.



- 2009** IEC has successfully bagged order from NTECL a joint venture of NTPC & Tamil Nadu Electricity Corporation Limited for Hybrid CW Gas Chlorination + Makeup Water Electro chlorination System along with Civil, Mechanical, Electrical on Turnkey basis EPC order for Indian Rupees 105 millions.
- By bagging this order IEC becomes the first and the only qualified Chlorination System Vendor in India as a "Direct Contractor" to NTPC GROUP, a leading Power Major in India.
- 2010** Tie up with Daiki-Ataka Japan for Sea Water ECS plants for Indian Projects.
- IEC FABCHEM Limited & overseas Japanese partner M/s. DAIKI ATAKA, Tokyo, Japan jointly bagged the 3x125 kg / hr Sea water Electro Chlorination system order for Coastal Energen Private Ltd in Tuticorin.
- 2011** Successfully formed a strategic business alliance with Helcrow International, Zimbabwe & received an order for execution of replacement & revamping of CW Treatment plant at Hwange Thermal Power station – Unit I in Western Zimbabwe and successfully supplied, erected, commissioned & handed over the system in 8 months.
- 2012** After successful, satisfactory & quick implementation of CW Treatment plant at Hwange Thermal Power station – Unit I M/s. Zimbabwe Power Company has placed an repeat order for Zimbabwe Thermal Power Plant – Unit II.