



Project Management
A Wealth of Experience

Discerning companies choose Ion Exchange India as the Total Water Management partner for their projects. Because they know what to expect – total solutions with single source responsibility. The integration of extensive process technologies and design, engineering & project management expertise into design and build projects, on turnkey, BOO/T or EPC basis. Delivered to complete customer satisfaction.

We have successfully handled large, complex water and waste water treatment projects for a distinguished clientele, in India and abroad. These projects cater to treatment needs of industries as diverse as nuclear and thermal power, fertiliser, refinery, petrochemical, automobile, electronics, paper, textile and chemical. They have been executed to specified Indian and international standards such as ASME, BS, JEST and DIN, and to the requirements of reputed consultants and EPC contractors in India and overseas. The partial list of major installations in this brochure demonstrates our capability to design, manufacture, supply, erect and commission treatment plants of every type for every kind of industry.

Our experience has been accumulated over more than 40 years of operations. It is complemented by a comprehensive range of technologies; a multi-disciplinary team of professional managers and technologists; integrated software, systems and facilities for process design, detailed engineering and project management; stringent quality assurance systems including ISO 9001:2000 certification; strong service support through our customer services division and service company network; and large infrastructure resources.

All of which combine to assure our customers optimum performance from each installation and a quality of service and support that is second to none.

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AT A GLANCE ...

CONSULTANTS

We have successfully executed projects meeting the quality standards of renowned consultancy organisations such as:

Aker Kvaerner India Limited, India

Avante Garde Engineers & Consultants
Private Limited, India

Bechtel, Indonesia

Bharat Heavy Electricals Limited, India

Bovis Lend Lease, UK

CDM, India

Central Electricity Authority, India

Chemtex Engineering of India Limited, India

Dalal Mott Mcdonald, India

Desein (New Delhi) Private Limited, India

Development Consultants Limited, India

Engineers India Limited, India

FACT Engineering & Design Organisation, India

Fitchner India Limited, India

ICB Technimont, India

Jaakko Poyry, Finland

Jacobs H & G Consultants Limited, India

Kellog & Company, USA

Krebs Reseau Eurisys, France

L&T Sargent & Lundy (India) Limited, India

Lahmeyer International GmbH, Germany

MECON, India

M N Dastur, India

Montgomery Watson Consultants Limited, India

National Thermal Power Corporation, India

Preece Cardew & Rider, UK

Projects & Development India Limited, India

Snamprogetti, Italy

Stone & Webster, UK

Stup Consultants Private Limited, India

Tata Consulting Engineers, India

Toyo Engineering India Limited, India

UHDE India Limited, India

EPC CONTRACTORS

We have executed a number of projects for reputed EPC contractors such as:

ABB Limited, Indonesia

Alstom, Italy

Bharat Heavy Electricals Limited, India

China National Machinery & Equipment
Import & Export Corporation (CMEC), China

Chiyoda Corporation, Japan

Daelim Engineering, Korea

Engineers India Limited, India

Foster Wheeler, Thailand

Hanjun Korea Heavy Industries &
Construction Company Limited, Korea

Hitachi, Singapore

Hyundai Heavy Industries, South Korea

ICB Technimont, India

JGC Corporation, Japan

Kawasaki Heavy Industries, Japan

Larsen & Toubro, India

Mannesmann Seiffert, Germany

Marubeni, Japan

Mitsubishi Heavy Industries, Japan

National Thermal Power Corporation, India

Reliance Energy Limited, India

Stork Ketels, Netherlands

Subhash Projects Private Limited, India

Tata Projects Limited, India

Technip, France

Toyo Engineering India Limited, India

Vivendi

ASSOCIATION MEMBERSHIPS

Bombay Chamber of Commerce & Industry

Centre for Science & Environment

Confederation of Indian Industry

Council of EU Chambers of Commerce

Federation of Indian Chambers of Commerce & Industry

Indian Association of Special Libraries and Information Center

Indian Chemical Manufacturers Association

Indian Desalination Association

Indian Institute of Chemical Technology

Indian Merchants Chamber

Indian Plumbing Association

Indian Pulp & Paper Technical Association

Indian Water Works Association

National Safety Council

PHD Chamber of Commerce & Industry

Process Plant & Machinery Association of India

Water Quality Association, USA

| AUTOMOBILE INDUSTRY | CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|--|--|--------------------|-------------------------------|--------------|
| | Bajaj Auto Ltd., Pune, Maharashtra | PT | 125 | 1994 |
| | Escorts Yamaha Ltd., Noida, Uttar Pradesh | ETP | 50 | 1997 |
| | FIAT India Ltd., Mumbai, Maharashtra | DM | 9 | 1997 |
| | General Motors India, Vadodara, Gujarat | ETP | 6 | 1995 |
| | Hindustan Motors Ltd., at Tiruvallur, Tamil Nadu | RECYCLE (RO) | 20 | 1998 |
| | Honda Motorcycle & Scooter Ltd., Manesar, Haryana | RO RO | 4 14 | 2003 2001 |
| | Hyundai Motor India Ltd., Sriperumbudur, Tamil Nadu | RECYCLE (UF-RO) | 17 | 2003 |
| | L&T John Deere, Pune, Maharashtra | UF ETP-UF | 20 2 | 2001 2000 |
| | Madras Rubber Factory, Medak, Andhra Pradesh | DA | 40 | 1997 |
| Mahindra & Mahindra Ltd., Maharashtra | ETP | 10 | 2000 | |

DA - Dealkalisation Plant
DM - Demineralisation Plant

ETP - Effluent Treatment Plant
PT - Pretreatment Plant

RO - Reverse Osmosis Plant
UF - Ultrafiltration

**AUTOMOBILE
INDUSTRY**

| CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|---|--------------------|-------------------------------|------|
| Maruti Udyog Ltd., at Suzuki Motors, Gurgaon, Haryana | PT | 125 | 1998 |
| | RO | 25 | 1998 |
| | RO | 60 | 1998 |
| | STP | 100 | 1998 |
| | ETP | 100 | 1997 |
| | RO | 59 | 1994 |
| | RO | 130 | 1990 |
| | RO | 120 | 1984 |
| Suzuki Metal India Ltd., Manesar, Haryana | TWM | 12 | 2004 |
| Sundram Fasteners Ltd., Madurai, Tamil Nadu | RECYCLE (UF-RO) | 33 | 2003 |
| Taikisha Engineering India, New Delhi | RO | 27 | 1999 |
| Tata Motors Ltd., Pune, Maharashtra | DM | 30 | 2004 |
| Tecumseh Products India Ltd., Ballabgarh, Haryana | TWM | 30 | 1998 |
| TVS Suzuki, Hosur, Tamil Nadu | RECYCLE (UF-RO) | 20 | 2000 |

DM - Demineralisation Plant
ETP - Effluent Treatment Plant
PT - Pretreatment Plant

RO - Reverse Osmosis Plant
STP - Sewage Treatment Plant

TWM - Total Water Management
UF - Ultrafiltration

**BREWERY/
DISTILLERY
INDUSTRY**

| CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|---|---------------|-------------------------------|------|
| Balaji Distilleries Ltd., Chennai, Tamil Nadu | RO | 30 | 2003 |
| Balrampur Chinni Mills Ltd., Balrampur, Uttar Pradesh (Distillery Division) | DM | 20 | 2002 |
| Denzong Breweries Ltd., Bhubaneswar, Orissa | DM | 35 | 2004 |
| GMR Vasavi (Brewery Project), Vizag, Andhra Pradesh | FLT | 50 | 1998 |
| | DM | 5 | 1998 |
| | SF | 15 | 1998 |
| Haryana Breweries Ltd., Murthal, Haryana | ETP | 60 | 1995 |
| Iceberg Industries, Patna, Bihar | PT | 40 | 2003 |
| | DM | 15 | 2003 |
| | SF | 23 | 2003 |
| Intraport Breweries Ltd., Aurangabad, Maharashtra | ETP | 35 | 1997 |
| KM Sugar Mills Ltd., (Distillery Division), Faizabad, Uttar Pradesh | DM | 30 | 2004 |


DM - Demineralisation Plant
ETP - Effluent Treatment Plant

FLT - Filtration
PT - Pretreatment Plant

RO - Reverse Osmosis Plant
SF - Softener

**BREWERY/
DISTILLERY
INDUSTRY**

| CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|---|---------------|-------------------------------|------|
| Manav Breweries, Ghaziabad, Uttar Pradesh | ETP | 50 | 2003 |
| Mohan Breweries & Distilleries Ltd., Chennai, Tamil Nadu | RO | 30 | 2003 |
| Mount Shivalik Breweries, Alwar, Rajasthan | ETP | 30 | 1995 |
| Pampsar Distillery Ltd., Hospet, Karnataka | WTP | 50 | 1997 |
| Saraya Distillery, at Gorakhpur, Uttar Pradesh | DM | 40 | 2002 |
| Kanpur, Uttar Pradesh | DM | 15 | 2001 |
| Lucknow, Uttar Pradesh | DM | 20 | 2002 |
| Shaw Wallace (Skol Breweries Ltd.), Uran, Maharashtra | SF | 50 | 1997 |
| Serengeti Breweries, Daresalam, Tanzania | RO | 10 | 2003 |
| United Breweries Ltd. (UB), at Bangalore, Karnataka | DM | 15 | 1999 |
| Kalyani, West Bengal | RO | 10 | 2004 |
| Welcome Distilleries, Bilaspur, Chattisgarh | DM | 35 | 2002 |

 - Overseas Project

DM - Demineralisation Plant
ETP - Effluent Treatment Plant

RO - Reverse Osmosis Plant
SF - Softener

WTP - Water Treatment Plant

| CEMENT INDUSTRY | CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|---|------------------------|------------------|-------------------------------|------|
| | | | | |
| Associated Cement Companies (ACC) Ltd., at Chaibasa, Jharkand | Jamul, Madhya Pradesh | PT | 2 X 50 | 2004 |
| | | MGF | 2 X 100 | 2004 |
| | | DM | 5 | 2004 |
| | | SF | 2 X 90 | 2004 |
| | | DM | 15 | 1997 |
| | Kymore, Madhya Pradesh | PT | 170 | 1997 |
| | | DM | 8 | 1997 |
| | | SF | 90 | 1997 |
| | | SSF | 3 X 50 | 2004 |
| | Lakheri, Rajasthan | DM | 8 | 1998 |
| | | FLT - SF | 3 X 50 | 1997 |
| | | DM | 10 | 1996 |
| | | FLT | 30 | 2005 |
| | | LAMELLA | 30 | 2005 |
| | Tikaria, Uttar Pradesh | DM | 7 | 2005 |
| | | SF | 10 | 2005 |
| | | DM | 5 | 2003 |
| | Wadi, Andhra Pradesh | MGF | 2 X 120 | 2002 |
| | | SF | 2 X 90 | 2002 |
| | | RECYCLE/DM | 15 | 2001 |
| Benue Cement Co. PLC, Gboko, Nigeria (through ACC Ltd.) | PT | 120 | 2004 | |
| | RO | 50 | 2004 | |

 - Overseas Project

DM - Demineralisation Plant
FLT - Filtration
MGF - Multi Grade Filter

PT - Pretreatment Plant
RO - Reverse Osmosis Plant

SF - Softener
SSF - Side Stream Filter

**CEMENT
INDUSTRY**

| CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|---|---------------|-------------------------------|------|
| Gujarat Ambuja Cement Ltd., Ambujanagar, Gujarat | FLT - SF | 90 | 1998 |
| | FLT | 60 | 1995 |
| | FLT - SF | 50 | 1995 |
| DLF Cement Ltd., Pali, Rajasthan | FLT - SF | 90 | 1995 |
| Grasim Cement Ltd., Raipur, Chattisgarh | SF | 90 | 1994 |
| Kesoram Cement, Basantnagar, Andhra Pradesh | PT | 110 | 1996 |
| | DM | 2 X 10 | 1996 |
| | SF | 3 X 150 | 1996 |
| Prism Cement, Satna, Madhya Pradesh | WTP | 3 X 120 | 1997 |
| Rajashree Cement, Gulbarga, Karnataka | FLT | 3 X 150 | 1998 |
| | SF | 2 X 88 | 1995 |
| | PT | 330 | 1990 |
| TISCO Cement, Raipur, Chattisgarh | PT | 280 | 1993 |
| Vasavadatta Cement, Sedam, Karnataka | PT | 113 | 1996 |
| | DM | 2 X 10 | 1996 |
| | SF | 3 X 150 | 1996 |

DM - Demineralisation Plant
FLT - Filtration

PT - Pretreatment Plant
RO - Reverse Osmosis Plant

SF - Softener
WTP - Water Treatment Plant

| CHEMICAL INDUSTRY | CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|---|---|------------------|-------------------------------|------|
| | Arabian Chlorine Company (through Simon Carves Ltd., India), Dammam, Saudi Arabia | DM | 15 | 2000 |
| SF | | 25 | 2000 | |
| Ashapura Volclay Ltd., Bhuj, Gujarat | PT | 125 | 2004 | |
| | SF | 77 | 2004 | |
| | RECYCLE (UF - RO) | 15 | 2002 | |
| Aquagel Chemicals Private Ltd., Gandhidham, Gujarat | RO | 30 | 2003 | |
| Bayer Polymer, Rayong, Thailand | FLT | 180 | 2001 | |
| BILT Chemicals (SOLARIS Biotech Ltd.), at Karakhadi - Padra, Gujarat Khavda, Gujarat | DM | 2 X 50 | 2002 | |
| | RO | 2 X 45 | 2002 | |
| | DM | 20 | 2004 | |
| | RO | 25 | 2004 | |
| Chemplast Sanmar Ltd., Kariakal, Tamil Nadu | SWRO | 50 | 2004 | |
| Gujarat Alkalies & Chemicals Ltd., Vadodara, Gujarat | DM | 64 | 1994 | |
| Gujarat Heavy Chemicals Ltd. (GHCL), Veraval, Gujarat | PT | 450 | 2000 | |
| | SWRO | 200 | 2000 | |
| HEG Ltd., Bhopal, Madhya Pradesh | PT | 250 | 2004 | |
| | DM | 2 X 10 | 2004 | |

 - Overseas Project


DM - Demineralisation Plant
PT - Pretreatment Plant

RO - Reverse Osmosis Plant
SF - Softener

SWRO - Sea Water Reverse
Osmosis Plant
UF - Ultrafiltration

**CHEMICAL
INDUSTRY**

| CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|--|---------------|----------------------------|------|
| Hindustan Lever Ltd., at | | | |
| Bhuj, Gujarat | RO | 32 | 2004 |
| Chorwad, Gujarat | RO | 26 | 1995 |
| Haldia, West Bengal | DM | 2 X 35 | 1993 |
| Khamgaon, Maharashtra | DM | 48 | 1998 |
| Kundaim, Goa | FLT - SF | 22 | 2001 |
| | RECYCLE | 7 | 2001 |
| Pondicherry | DM | 25 | 1997 |
| Hi-Tech Carbon, Gummidipoondi, Tamil Nadu | DM | 40 | 2002 |
| Indo Rama Chemicals, Saraburi, Thailand | ETP | 40 | 1993 |
| JOCIL, Guntur, Andhra Pradesh | PT | 85 | 2000 |
| | DM | 25 | 2000 |
| | SF | 66 | 2000 |
| MP Glychem, Haldia, West Bengal | DM | 60 | 2003 |
| Nirma Ltd., Vadodara, Gujarat | PT | 3 X 75 | 1997 |
| | DM | 2 X 30 | 1997 |

 - Overseas Project

DM - Demineralisation Plant
ETP - Effluent Treatment Plant

FLT - Filtration
PT - Pretreatment Plant

RO - Reverse Osmosis Plant
SF - Softener

| CHEMICAL INDUSTRY | CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|--|--|------------------|-------------------------------|------|
| | Saurashtra Chemicals Ltd., Porbandar, Gujarat | RO | 48 | 1991 |
| SRF Ltd., Pithampur, Madhya Pradesh | DM | 50 | 2004 | |
| | SF | 45 | 2004 | |
| Tata Chemicals, Mithapur, Gujarat | DM | 138 | 1978 | |
| Thai Ambica Chemicals, Samuthrakarn, Thailand | ETP | 430 | 1994 | |
| | ETP | 2 X 60 | 1994 | |
| Thai Carbon Black, Anthong, Thailand | DM | 100 | 2003 | |
| | DM | 40 | 1980 | |
| | DM | 25 | 1986 | |
| Thai Organic Chemicals, Samutprakaran, Thailand | DM | 2 X 50 | 1996 | |
| Thai Organics, Rayong, Thailand | PT | 300 | 1998 | |
| | BRINE FILTER | 2 X 75 | 1998 | |
| | DM | 50 | 1998 | |
| Uranium Corporation of India Ltd., Singhbhum, Jharkhand | AIE | 170 | 2004 | |
| VVF Ltd., Taloja, Maharashtra | RECYCLE (MBR - RO) | 30 | 2004 | |

 - Overseas Project

AIE - Applied Ion Exchange
DM - Demineralisation Plant
ETP - Effluent Treatment Plant

MBR - Membrane Bio Reactor
PT - Pretreatment Plant

RO - Reverse Osmosis Plant
SF - Softener

**DRUG &
PHARMACEUTICAL
INDUSTRY**

| CLIENT | AFFILIATION | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|---|-------------|---------------|-------------------------------|------|
| Alkem Laboratories, at Baddi, Himachal Pradesh | | RO - UF | 5 | 2004 |
| Catchet Pharma Ltd., Baddi, Himachal Pradesh | | RO - DM - UF | 3 | 2005 |
| Daman | MCA | DM-RO | 7 | 2000 |
| Indchemie Ltd., Daman | | RO-DM | 6 | 2002 |
| Indopropkem Pharma Ltd., Daman | | RO - DM - UF | 6 | 2000 |
| Aventis Pharma Ltd., Ankleshwar, Gujarat | TGA | DM | 4 | 1997 |
| Aurobindo Pharma, Hyderabad, Andhra Pradesh | | DM | 2 X 20 | 2004 |
| Bharat Serum & Vaccine, Thane, Maharashtra | US FDA | RO-EDI | 3 | 2002 |
| Baxter India Private Ltd., Gurgaon, Haryana | | RO | 20 | 2001 |
| Cadila Healthcare Ltd., at Ahmedabad, Gujarat | | RO | 19 | 1999 |
| Moriya, Gujarat | | DM | 20 | 2003 |
| Cipla Ltd., at Kurkumbh, Maharashtra | US FDA | DM | 2 | 2002 |
| | | DM | 2 | 2002 |
| Patalganga, Maharashtra | US FDA | DM | 2 | 2003 |
| | US FDA | DM | 2 | 2002 |
| Satara, Maharashtra | US FDA | DM | 2 | 2002 |
| Verna,Goa | US FDA | RO - EDI | 1 | 2002 |

DM - Demineralisation Plant
EDI - Electrodeionisation Plant

RO - Reverse Osmosis Plant

UF - Ultrafiltration

**DRUG &
PHARMACEUTICAL
INDUSTRY**

| CLIENT | AFFILIATION | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|--|-------------|-------------------|----------------------------|------|
| Okasa Chemicals Private Ltd., Kurkumbh, Maharashtra | US FDA | DM | 15 | 2002 |
| FDC Ltd., Goa | | DM | 1 | 2003 |
| Granules India Ltd., Hyderabad, Andhra Pradesh | US FDA | RO DM - UF | 3 | 2003 |
| Intas Pharmaceutical Ltd., Ahmedabad, Gujarat | | RO | 5 | 2002 |
| Intas Biotech Ltd., Ahmedabad, Gujarat | | RO | 10 | 2002 |
| Johnson & Johnson Ltd., Mumbai, Maharashtra | US FDA | EDI | 3 | 2003 |
| Matrix Labs, Hyderabad, Andhra Pradesh | US FDA | PT (IRF - UF) | 6 | 2004 |
| Microlabs Ltd., at Bommasandra, Bangalore, Karnataka | | RO DM - UF | 3 | 2004 |
| | | RO - UF | 1 | 2003 |
| Goa | | DM - UF | 1 | 2003 |
| Veerasandra, Bangalore, Karnataka | US FDA | RO - UF | 2 | 2003 |
| Medicorp Technologies India Ltd., Hyderabad, Andhra Pradesh | US FDA | UF- RO - EDI - UF | 2 | 2000 |
| Microhealth, South Africa | US FDA | DM - UF | 2 | 2004 |

 - Overseas Project

DM - Demineralisation Plant
EDI - Electrodeionisation Plant

IRF - Iron Removal Filter
PT - Pretreatment Plant

RO - Reverse Osmosis Plant
UF - Ultrafiltration



Aerial view of high rate solids contact clarifiers for pulp & paper mill



Softening and demineralisation plant and condensate polishing units for thermal power station



High rate solids contact clarifier and demineralisation plant for combined cycle power project





Demineralisation plant for pulp and paper industry



Turnkey PLC based packaged drinking water plant




Sea water reverse osmosis desalination plant.



**DRUG &
PHARMACEUTICAL
INDUSTRY**

| CLIENT | AFFILIATION | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|--|-------------|---------------|-------------------------------|------|
| Nicholas Piramal India Ltd., Hyderabad, Andhra Pradesh | | RO - EDI | 3 | 2004 |
| Novartis Enterprises Private Ltd., Mumbai, Maharashtra | US FDA | UF | 8 | 2003 |
| Oman Pharmaceuticals & Chemicals, Oman, Muscat | | DM | 5 | 2004 |
| | | DM | 55 | 1990 |
| Orchid Chemicals & Pharmaceuticals Ltd., Chennai, Tamil Nadu | US FDA | DM | 16 | 2001 |
| | US FDA | DM | 16 | 1998 |
| | | DM | 30 | 1996 |
| Pfizer Ltd., Mumbai, Maharashtra | US FDA | DM | 10 | 2000 |
| Proton International, Bangladesh | | PT | 50 | 2004 |
| Ranbaxy Laboratories Ltd., at Devas, Madhya Pradesh Mohali, Punjab Paonta Sahib, Punjab Toansa, Punjab Verna, Goa | US FDA | RO - EDI | 6 | 2004 |
| | US FDA | DM | 8 | 1993 |
| | US FDA | DM | 8 | 1993 |
| | US FDA | DM | 8 | 1996 |
| | US FDA | DM | 6 | 2000 |
| Serum Institute, Pune, Maharashtra | | DM | 4 | 2000 |
| | | UF | 7 | 2000 |
| | | ETP | 12 | 1997 |

 - Overseas Project

DM - Demineralisation Plant
EDI - Electrodeionisation Plant

ETP - Effluent Treatment Plant
PT - Pretreatment Plant

RO - Reverse Osmosis Plant
UF - Ultrafiltration

**DRUG &
PHARMACEUTICAL
INDUSTRY**

| CLIENT | AFFILIATION | TYPE OF PLANT | CAPACITY m ³ /h | YEAR | |
|---|--------------------------------|---------------------|----------------------------|------|------|
| Sun Pharmaceuticals, Mumbai, Maharashtra | US FDA | RO | 5 | 2004 | |
| Tyco Lucid, Aurangabad, Maharashtra | | DM | 10 | 2004 | |
| Torrent Gujarat Biotech Ltd., Jambusar, Bharuch, Gujarat | | PT | 50 | 2003 | |
| | | RO | 25 | 2003 | |
| Torrent Pharma Ltd., Baddi, Himachal Pradesh | US FDA | RO-EDI | 6 | 2004 | |
| Triple Trust, Tehran, Iran | | DM | 12 | 2004 | |
| | | DEASHING OF GELATIN | 8 | 2004 | |
| USV Ltd., at Chiplun, Maharashtra | US FDA | DM - UF | 2 X 3 | 2001 | |
| | Turbhe, Maharashtra | US FDA | DM | 3 | 2000 |
| Virchow Labs Ltd., Hyderabad, Andhra Pradesh | | RO | 15 | 1998 | |
| Wockhardt Ltd., at Chikalthana, Aurangabad, Maharashtra | US FDA | DM | 2 X 2 | 2004 | |
| | US FDA | DM | 2 | 2003 | |
| | Waluj, Aurangabad, Maharashtra | US FDA | DM | 16 | 2003 |
| | | | PT | 71 | 2002 |
| Wallace Pharma Ltd., Goa | | DM - UF | 2 | 2003 | |

 - Overseas Project


DM - Demineralisation Plant
EDI - Electrodeionisation Plant

PT - Pretreatment Plant
RO - Reverse Osmosis Plant

UF - Ultrafiltration

**ELECTRONICS
INDUSTRY**

| CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|---|------------------------|-------------------------------|------|
| Hotline CPT Ltd., Gwalior, Madhya Pradesh | TWM-RECYCLE (UF-RO) | 250 | 2004 |
| JCT Electronics Ltd., at Mohali, Punjab | PT | 218 | 1998 |
| | DM | 72 | 1986 |
| Vadodara, Gujarat | ETP | 220 | 1997 |
| | DM | 2 X 90 | 1996 |
| | RO | 2 X 57 | 1996 |
| LG Electronics Ltd., Noida, Uttar Pradesh | ETP | 20 | 1997 |
| Magnacamp Thailand Ltd., Ayutthiya, Thailand | DM | 3 | 1997 |
| Samcor Glass, Kota, Rajasthan | ETP | 110 | 2000 |
| | RECYCLE (UF-RO) | 20 | 2000 |
| Samsung Electronics, Noida, Uttar Pradesh | RO | 8 | 2003 |
| Samtel Colour, Ghaziabad, Uttar Pradesh | TWM (ETP/RO) | 100 | 2002 |
| Semiconductor Complex Ltd., Mohali, Punjab | RO | 23 | 1997 |
| | RO | 23 | 1985 |
| Videocon Narmada Glass, Bharuch, Gujarat | ETP | 2 X 300 | 2002 |

 - Overseas Project

DM - Demineralisation Plant
ETP - Effluent Treatment Plant

PT - Pretreatment Plant
RO - Reverse Osmosis Plant

TWM - Total Water Management
UF - Ultrafiltration

| FERTILISER INDUSTRY | CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|---|--|------------------|-------------------------------|------|
| | Chambal Fertilisers & Chemicals Ltd., Kota, Rajasthan | CPU | 2 X 125 | 1992 |
| DM | | 3 X 90 | 1992 | |
| FACT Engineering & Design Organisation (FEDO), Cochin, Kerala | DM | 2 X 100 | 1987 | |
| Fertilisers & Chemicals Travancore Ltd., Cochin, Kerala | DM | 70 | 1975 | |
| Gujarat State Fertilisers Company Ltd. (GSFC), Vadodara, Gujarat | DM | 3 X 70 | 1975 | |
| | DM | 3 X 65 | 1969 | |
| Indian Farmers Fertilisers Co-operative Ltd. (IFFCO), at Aonla, Uttar Pradesh Gandhidham, Gujarat Kandla, Gujarat Phulpur, Uttar Pradesh | DM | 150 | 1988 | |
| | STP | 25 | 1997 | |
| | PT | 250 | 1997 | |
| | PT | 150 | 1998 | |
| | RO | 128 | 1998 | |
| | DM | 4 X 84 | 1979 | |
| Indo Gulf Fertilisers & Petrochemicals Co-operative Ltd., Jagdishpur, Uttar Pradesh | DM | 3 X 180 | 1988 | |
| | PCP | 2 X 100 | 1988 | |
| Krebs, Dakar, Senegal | PT | 210 | 2000 | |
| | DM | 2 X 33 | 2000 | |

 - Overseas Project

CPU - Condensate Polishing Unit
DM - Demineralisation Plant

PT - Pretreatment Plant
PCP - Process Condensate Plant

RO - Reverse Osmosis Plant
STP - Sewage Treatment Plant

| FERTILISER INDUSTRY | CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|------------------------|---|--|-------------------------------|---------|
| | | Krishak Bharati Co-operative Ltd. (KRIBHCO), Hazira, Surat, Gujarat | DM | 4 X 180 |
| | Madras Fertilisers Ltd. (MFL), Chennai, Tamil Nadu | RECYCLE (UF) | 160 | 2004 |
| | | DM | 3 X 70 | 1971 |
| | National Fertilisers Ltd. (NFL), at Bhatinda, Punjab Nayanangal, Punjab Vijaipur, Madhya Pradesh | DM | 3 X 130 | 1997 |
| | | DM | 2 X 30 | 1989 |
| | | CPU | 200 | 1997 |
| | | CPU | 3 X 150 | 1997 |
| | | DM | 2 X 100 | 1997 |
| | | RO | 2 X 162 | 1991 |
| | | DM | 3 X 150 | 1988 |
| | Shriram Fertilisers & Chemicals, Kota, Rajasthan | DM | 150 | 1971 |
| | Southern Petrochemical Industries Corporation Ltd. (SPIC), Tuticorin, Tamil Nadu | DM | 2 X 110 | 1973 |
| | Technip, France (at Sur, Oman) | CPU | 2 X 735 | 2004 |
| | | ETP | 16 | 2004 |

 - Overseas Project

CPU - Condensate Polishing Unit
DM - Demineralisation Plant

ETP - Effluent Treatment Plant

RO - Reverse Osmosis Plant

**FOOD
& BEVERAGE
INDUSTRY**

| CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|--|-------------------------------------|-------------------------------|------|
| Bhopal Gelatines Private Ltd., Bhopal, Madhya Pradesh | DE- CATIONISATION OF GELATINE | 2 X 4 | 2004 |
| Dynamix Dairy Ltd., Baramati, Maharashtra | DM | 25 | 1999 |
| Faravari Gelatine Daroi, Halal, Iran | DEASHING OF GELATINE | 2 X 4 | 2004 |
| General Foods Ltd., Indore, Madhya Pradesh | RO | 30 | 2001 |
| Global Oil, Gandhidham, Gujarat | RO | 2 X 18 | 2003 |
| | UF | 40 | 2003 |
| Goodrich Carbohydrates Private Ltd., Karnal, Haryana | DEASHING OF LIQUID GLUCOSE | 2 X 4 | 2003 |
| JK Dairy, Gajraula, Uttar Pradesh | ETP | 40 | 1995 |
| Kerala Chemicals & Proteins Ltd., Kochi, Kerala | DEASHING OF GELATINE | 2 X 10 | 1998 |
| | PT | 200 | 1998 |
| | DM | 2 X 30 | 1998 |
| | ETP | 135 | 1998 |
| | UF-RO | 20 | 1996 |
| Kwality Ice Cream Ltd., Kolkata, West Bengal | ETP | 42 | 1999 |

 - Overseas Project


DM - Demineralisation Plant
ETP - Effluent Treatment Plant

PT - Pretreatment Plant
RO - Reverse Osmosis Plant

UF - Ultrafiltration

**FOOD
& BEVERAGE
INDUSTRY**

| CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|--|---|-------------------------------|------|
| Maize Products, Ahmedabad, Gujarat | RO | 2 X 40 | 2002 |
| MP Glychem, Haldia, West Bengal | DEASHING OF GELATINE | 2 X 8 | 1998 |
| Narmada Gelatines Ltd. , Jabalpur, Madhya Pradesh | DM | 30 | 2004 |
| | DEASHING OF GELATINE | 2 X 8 | 2002 |
| Param Industries (formerly General Food Products), Gandhidham, Gujarat | RO | 45 | 2003 |
| | DEASHING OF DEXTROSE MONO HYDRATE | 12 | 2001 |
| Riddhi Siddhi Gluco Biols Ltd., Gokak, Karnataka | DEASHING OF DEXTROSE SYRUP | 4 | 2001 |
| | DM | 30 | 1999 |
| Sampre Nutritions (unit of Cadbury India), Medachal, Andhra Pradesh | DEASHING OF DEXTROSE SYRUP | 2 X 5 | 2004 |
| Sazman Hamyari Osttan Khorosan (SHOK), Iran | DA | 120 | 1998 |
| SPAC Tapioca Products (India) Ltd., Erode, Tamil Nadu | DEODOURI- SATION OF GELATINE | 2 X 8 | 2002 |

 - Overseas Project


DA - Dealkalisation Plant

DM - Demineralisation Plant

RO - Reverse Osmosis Plant

**FOOD
& BEVERAGE
INDUSTRY**

| CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|--|---------------|-------------------------------|------|
| Sterling Gelatine, Vadodara, Gujarat | UF | 10 | 2003 |
| | AVGF | 60 | 2002 |
| | ETP | 140 | 2002 |
| | RO | 2 X 65 | 2002 |
| | UF | 5 | 2001 |
| | UF | 7 | 2001 |
| | ETP | 10 | 1999 |
| United Kaipara Dairies, Dubai, United Arab Emirates | RO | 25 | 1999 |
| VRS Foods, New Delhi | RO | 40 | 2004 |
| | RO | 60 | 2004 |
| PACKAGED DRINKING WATER & SOFT DRINK INDUSTRY | | | |
| Coca Cola India Private Ltd., at Bangalore, Karnataka | RO | 15 | 2003 |
| | RO | 15 | 2002 |
| | RO | 3 X 15 | 2000 |
| Bengal Beverages, Dankuni, West Bengal | RO | 2 X 15 | 2002 |
| Brindavan Beverages Ltd., Agra, Uttar Padesh | RO | 12 | 1997 |
| Chennai Bottling, Chennai, Tamil Nadu | RO | 3 X 15 | 2000 |
| | RO | 50 | 1996 |
| Hindustan Coca Cola, Dasna, New Delhi | RO | 15 | 2001 |

 - Overseas Project

AVGF - Auto Valveless Gravity Filter
DA - Dealkalisation Plant

ETP - Effluent Treatment Plant
RO - Reverse Osmosis Plant

UF - Ultrafiltration

**FOOD
& BEVERAGE
INDUSTRY**

| CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|---|------------------------------|-------------------------------|------|
| Hindustan Coca Cola Bottling Bhopal, Madhya Pradesh | UF | 35 | 2003 |
| Hindustan Coca Cola, Wada, Maharashtra | RO | 15 | 2001 |
| IFCA Bottling Company, Jammu, Jammu & Kashmir | RO | 5 | 2002 |
| Indian Railway Catering & Tourism Corporation (IRCTC), Danapur & Delhi | TURNKEY BOTTLING PLANT | 3 | 2003 |
| Moon Beverages Kanpur, Uttar Pradesh | RO | 10 | 2002 |
| Moon Beverages Sahibabad, Uttar Pradesh | RO | 10 | 1995 |
| Paras Aqua Mineral, New Delhi | RO | 15 | 2001 |
| South India Beverages Private Ltd., Hoskote, Karnataka | RO | 3 X 15 | 2000 |
| Parle (Bailey), at | | | |
| Ghatibillod, Madhya Pradesh | RO | 6 | 2001 |
| Guwahati, Assam | UF | 20 | 2000 |
| Karnal, Haryana | UF | 2 X 20 | 2001 |
| Parle Bisleri, New Delhi | RO | 10 | 2002 |
| Patalganga, Maharashtra | UF | 20 | 1999 |
| Pepsico India Holding, Chennai, Tamil Nadu | RO | 2 X 20 | 1997 |
| | BOTTLE WASHING PLANT | 36 | 1996 |
| | RO | 20 | 1995 |

RO - Reverse Osmosis Plant

UF - Ultrafiltration

| HOTEL INDUSTRY | CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|-------------------|---|------------------|-------------------------------|------|
| | East India Hotels Ltd. (Oberoi Group) at, Holiday Inn, Bangalore, Karnataka | STP | 16 | 1994 |
| | Oberoi Grand Hotel, Kolkata, West Bengal | RO | 9 | 1985 |
| | | RO | 11 | 1983 |
| | The Oberoi, New Delhi | FLT - SF | 40 | 1986 |
| | The Trident, Agra, Uttar Pradesh | STP | 5 | 1992 |
| | The Trident, Jaipur, Rajasthan | RO | 13 | 1997 |
| | The Trident, Udaipur, Rajasthan | RO | 10 | 2001 |
| | Taj Group of Hotels at | | | |
| | Bhutan Resorts Corporation Ltd., Bhutan | FLT | 2 X 12 | 2003 |
| | | SF | 3 X 8 | 2003 |
| | Taj Bengal, Kolkata, West Bengal | RO | 3 | 1998 |
| | Taj Fort Aguada Beach Resort, Goa | FLT | 30 | 2000 |
| | Taj Jai Mahal Palace, Jaipur, Rajasthan | RO | 12 | 2004 |
| | Taj Kerala Hotels & Resorts, Kumarkaon, Kerala | STP | 2 | 2003 |
| | Taj Mansingh, New Delhi | RO | 2 X 10 | 1993 |
| | | RO | 3 | 1990 |
| | Taj Residency, Vizag, Andhra Pradesh | SF | 25 | 2003 |
| | | RO | 3 | 2000 |
| | | STP | 4 | 2000 |

 - Overseas Project

ACF - Activated Carbon Filter
DM - Demineralisation Plant
FLT - Filtration

RO - Reverse Osmosis Plant
SF - Softener

STP - Sewage Treatment Plant
UF - Ultrafiltration

| HOTEL INDUSTRY | CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|--------------------------|---|--------------------------------|-------------------------------|------|
| | | Taj Residency, Varkala, Kerala | STP | 2 |
| | Taj SATS Air Caterers, Kolkata, West Bengal | RO | 4 | 2003 |
| | | STP | 3 | 2003 |
| | The Park, Kolkata, West Bengal | STP | 20 | 1996 |
| INFRASTRUCTURE SECTOR | Army Welfare Housing Organisation, Beas, Punjab | STP | 100 | 2003 |
| | Kerala Water Authority, Guruvayyur, Kerala | STP | 375 | 2000 |
| | Kolkata Metropolitan Development Authority, Kolkata, West Bengal | WTP | 190 | 1999 |
| | Larsen & Toubro Ltd., at | | | |
| | Delhi State Industrial Development Corporation (DSIDC) | TERTIARY TREATMENT | 600 | 2003 |
| | Jhilmil, Delhi | TERTIARY TREATMENT | 1500 | 2004 |
| | Municipal Corporation of Indore, Indore, Madhya Pradesh | PT | 190 | 2004 |
| | Public Health Engineering Department (PHED), | | | |
| | Barassat, West Bengal | DMU | 2 | 2002 |
| | Chandan Nagar, West Bengal | PT | 200 | 1998 |
| Nadia, West Bengal | WTP | 90 | 2004 | |
| Rurki Village, Punjab | STP | 75 | 2000 | |
| Shillong, Meghalaya | DMU | 2 | 2003 | |
| Tripura | WTP | 45 | 2000 | |

DMU - Disaster Management Unit
RO - Reverse Osmosis Plant

STP - Sewage Treatment Plant
WTP - Water Treatment Plant

| INFRASTRUCTURE SECTOR | CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|--|---|------------------|-------------------------------|------|
| | | | | |
| State Industries Promotion Corporation of Tamil Nadu Ltd., CETP, Chennai, Tamil Nadu | CETP | 150 | 2002 | |
| Water Board, Sri Lanka | FLT | 2 X 50 | 2003 | |
| | STP | 11 | 2003 | |
| METALLURGY INDUSTRY | Abul Khair Steel Mills, Chittagong, Bangladesh | SSF | 210 | 2000 |
| | Bhushan Steel & Strips Ltd., at Khopoli, Maharashtra | PT | 2 X 80 | 2002 |
| | | SF | 2 X 65 | 2002 |
| | Rangali, Orissa | PT | 1200 | 2004 |
| | | AVGF | 4 X 200 | 2004 |
| | | DM | 2 X 22 | 2004 |
| | | SF | 3 X 250 | 2004 |
| | Hindalco Industries Ltd., at Bharuch, Gujarat | PT | 1000 | 2004 |
| | | DM | 2 X 116 | 2004 |
| | Renukoot, Uttar Pradesh | ETP | 480 | 2003 |
| PT | | 150 | 1997 | |
| DM | | 150 | 1997 | |
| PT | | 48 | 1991 | |
| PT | 80 | 1991 | | |

 - Overseas Project


AVGF - Auto Valveless Gravity Filter
CETP - Common Effluent Treatment Plant
DM - Demineralisation Plant

FLT - Filtration
PT - Pretreatment Plant
SF - Softener

SSF - Side Stream Filter
STP - Sewage Treatment Plant

**METALLURGY
INDUSTRY**

| CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|---|---------------|-------------------------------|------|
| Indian Aluminium Company Ltd., Hirakud, Orissa | CWT | 2 X 40 | 2004 |
| | DM | 20 | 2004 |
| | PT | 550 | 2004 |
| Japan Gasoline Corporation (JGC), Yokohama, Japan | SF | 13 | 1998 |
| Jindal Saw Ltd., Mundra, Gujarat | ETP | 85 | 2004 |
| | RO | 125 | 2004 |
| Jindal Steel & Power Ltd., Raigarh, Chattisgarh | PT | 1800 | 2004 |
| | DM | 50 | 2003 |
| | PT | 525 | 2002 |
| | DM | 2 X 50 | 2002 |
| | SF | 200 | 2002 |
| | PT | 250 | 2001 |
| Jindal Strips Ltd., Hissar, Haryana | STP | 62 | 2004 |
| Kawasaki Heavy Industries (KHI), Kobe, Japan | RO | 5 | 1996 |
| | RO | 5 | 1995 |
| Kerala Mineral & Metals, Kollam, Kerala | DM | 3 X 50 | 2000 |
| Madras Aluminium Company Ltd., Chennai, Tamil Nadu | PT | 400 | 2001 |
| | UF | 63 | 2001 |
| Malwa Sponge Iron Ltd., Raigarh, Chattisgarh | PT | 300 | 2003 |
| | SF | 150 | 2003 |

 - Overseas Project

CWT - Cooling Water Treatment
DM - Demineralisation Plant
ETP - Effluent Treatment Plant

PT - Pretreatment Plant
RO - Reverse Osmosis Plant
SF - Softener

STP - Sewage Treatment Plant
UF - Ultrafiltration

| METALLURGY INDUSTRY | CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|--|--|------------------|-------------------------------|------|
| | Mitsubishi Heavy Industries (MHI) Ltd., Yokohama, Japan | PT | 30 | 1998 |
| DM | | 2 X 6 | 1997 | |
| National Aluminium Company Ltd., Damanyodi, Angul, Orissa | ETP | 150 | 1999 | |
| | PCP | 150 | 1997 | |
| | DM | 2 X 90 | 1986 | |
| Neepaz Metaliks Private Ltd., Kuarmunda, Orissa | PT | 210 | 2004 | |
| | SF | 45 | 2004 | |
| PT Chiyoda International, Marek, Indonesia | PT | 210 | 1996 | |
| PT Hanil Jaya Metal, Surabaya, Indonesia | PT | 100 | 1994 | |
| | SF | 70 | 1994 | |
| Shree Precoated Steels Ltd., Pune, Maharashtra | PT | 2 X 150 | 2004 | |
| | DM | 50 | 2004 | |
| | SF | 115 | 2004 | |
| Thai Metal Company Ltd., Thailand | RO | 24 | 1998 | |
| TISCO CRM Ltd., Jamshedpur, Jharkhand | PT | 150 | 1999 | |
| | PT | 3 X 160 | 1998 | |
| | SSF | 4 X 147 | 1998 | |
| | DM | 2 X 40 | 1998 | |
| | SF | 2 X 20 | 1998 | |

 - Overseas Project

DM - Demineralisation Plant
ETP - Effluent Treatment Plant
PCP - Process Condensate Plant

PT - Pretreatment Plant
RO - Reverse Osmosis Plant

SF - Softener
SSF - Side Stream Filter

**POWER
INDUSTRY**

| CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|---|---------------|-------------------------------|------|
| THERMAL | | | |
| Ahmedabad Electricity Company Ltd., at | | | |
| 'D' Station, Sabarmati, Gujarat | SF | 4 X 180 | 1988 |
| 'F' Station, Sabarmati, Gujarat | SF | 2 X 92 | 1991 |
| Sabarmati, Gujarat | SF | 8 X 170 | 1978 |
| Vatva, Gujarat | PT | 150 | 1996 |
| Andhra Pradesh State Electricity Board, Kothagudam, Andhra Pradesh | DM | 3 X 45 | 1977 |
| ASEA Brown Boveri (ABB) Ltd., at | | | |
| Jegrurupada, Andhra Pradesh | ETP | 25 | 1997 |
| STCMS, Neyveli, Tamil Nadu | CPU | 2 X 100 | 2002 |
| | DM | 2 X 15 | 2002 |
| | UF | 2 X 15 | 2002 |
| Bharat Heavy Electricals Ltd. (BHEL), at | | | |
| Hardwar, Uttar Pradesh | DM | 2 X 73 | 1978 |
| National Electricity Board, Sultan Ismail Power Station, Malaysia | DM | 12 | 1976 |
| Bihar State Electricity Board, at | | | |
| Barauni, Bihar | DM | 3 X 40 | 1982 |
| Muzaffarpur Thermal Power Station | DM | 2 X 75 | 1983 |
| | SF | 6 X 175 | 1982 |
| Patratu, Bihar | DM | 75 | 1994 |
| | DM | 55 | 1976 |

■ - Overseas Project

CPU - Condensate Polishing Unit
DM - Demineralisation Plant

ETP - Effluent Treatment Plant
PT - Pretreatment Plant

SF - Softener
UF - Ultrafiltration

| POWER INDUSTRY | CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|--|---|------------------|-------------------------------|------|
| | Calcutta Electric Supply Company Ltd. (CESC), at Budge Budge, West Bengal | PT | 2 X 2200 | 1997 |
| | | SSF | 8 X 240 | 1997 |
| | | DM | 3 X 60 | 1996 |
| | | DM | 2 X 35 | 1990 |
| | | PT | 240 | 1990 |
| | | DM | 3 X 35 | 1982 |
| | Encon Services Private Ltd., for Kondapalli Power Project, Chennai, Tamil Nadu | DM | 2 X 85 | 2002 |
| | | PT | 2 X 750 | 2002 |
| | Gujarat Electric Board (GEB), at Dhuvaran, Gujarat Gandhinagar, Gujarat Sikka, Gujarat Ukai, Gujarat | DM | 3 X 20 | 1972 |
| | | DM | 2 X 45 | 1977 |
| PT | | 2 X 375 | 1997 | |
| SWRO | | 3 X 61 | 1997 | |
| DM | | 2 X 30 | 1987 | |
| DM | | 50 | 1983 | |
| DM | | 2 X 45 | 1979 | |
| Karnataka Power Corporation Ltd., for Raichur Thermal Power Plant, Raichur, Karnataka | DM | 63 | 1991 | |
| | DM | 2 X 50 | 1984 | |

DM - Demineralisation Plant
PT - Pretreatment Plant

SSF - Side Stream Filter

SWRO - Sea Water Reverse Osmosis Plant



Water treatment plant (softening, demineralisation, condensate polishing and side stream filtration) for power project



USP grade high purity water system for pharmaceutical industry



Ultrafiltration for gelatine concentration



Ultrafiltration for producing process water for automobile industry



Lamella clarifier for power industry



Pretreatment plant for steel industry



*Sequential batch reactor
for brewery effluent treatment*



*Packaged sewage
treatment plant*



*Plating effluent recycle at
auto ancillary unit*



Fluidised media reactor for sewage treatment

Effluent recycle for fertiliser industry



| POWER INDUSTRY | CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|---|---|------------------|-------------------------------|------|
| | Maharashtra State Electricity Board (MSEB), for Chandrapur Super Thermal Power Station, Chandrapur, Maharashtra | CPU | 3 X 462 | 1998 |
| ETP | | 100 | 1998 | |
| ETP | | 500 | 1997 | |
| ETP | | 1600 | 1997 | |
| CPU | | 2 X 1350 | 1992 | |
| DM | | 4 X 150 | 1992 | |
| SF | | 28 X 250 | 1992 | |
| National Thermal Power Corporation (NTPC), at | Badarpur, New Delhi | DM | 47 | 1981 |
| | | DM | 4 X 25 | 1975 |
| | Farakka, West Bengal | CPU | 1350 | 1992 |
| | | PT | 2 X 1000 | 1988 |
| | | DM | 3 X 90 | 1986 |
| | Faridabad, Haryana | DM | 2 X 100 | 1999 |
| | | PT | 2 X 125 | 1998 |
| | Gandhar, Gujarat | DM | 3 X 110 | 1995 |
| | Kayamkulam, Kerala (through Daelim Engineering Company Ltd., Korea) | PT | 2 X 550 | 1999 |
| | | DM | 3 X 55 | 1999 |
| | | ETP | 400 | 1999 |
| | Ramagundam STPP, Ramagundam, Andhra Pradesh | CPU | 1350 | 1998 |

CPU - Condensate Polishing Unit
DM - Demineralisation Plant

ETP - Effluent Treatment Plant
PT - Pretreatment Plant

SF - Softener

| POWER INDUSTRY | CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|---|---|------------------|-------------------------------|------|
| | Rihand STPP, at Noida, Uttar Pradesh Vindhyachal, Madhya Pradesh | DM | 2 X 100 | 2004 |
| LWTP | | - | 2003 | |
| CPU | | 2 X 1350 | 1998 | |
| DM | | 2 X 100 | 1998 | |
| Reliance Energy Ltd., Samalkot TPS, Andhra Pradesh | PT | 2 X 600 | 2002 | |
| | DM | 2 X 60 | 2002 | |
| Tamil Nadu Electricity Board, at North Chennai, Tamil Nadu Tuticorin, Tamil Nadu | RO | 2 X 90 | 1997 | |
| | DM | 2 X 60 | 1991 | |
| Tata Electric Company, Trombay, Maharashtra | DM | 45 | 1998 | |
| | CPU | 1476 | 1990 | |
| | DM | 3 X 45 | 1984 | |
| West Bengal Power Development Corporation Ltd., Kolaghat Thermal Power Station | SF | 14 X 240 | 1991 | |
| | DM | 4 X 50 | 1984 | |
| West Bengal State Electricity Board, at Bakreshwar, West Bengal Santaldih, West Bengal Thermal Power Corporation Ltd., Kolaghat, West Bengal | DM | 4 X 75 | 1998 | |
| | DM | 2 X 25 | 1972 | |
| | DM | 4 X 50 | 1991 | |
| | SF | 14 X 240 | 1991 | |
| | DM | 4 X 50 | 1984 | |

CPU - Condensate Polishing Unit
DM - Demineralisation Plant
ETP - Effluent Treatment Plant

LWTP - Liquid Waste Treatment Plant
PT - Pretreatment Plant

RO - Reverse Osmosis Plant
SF - Softener

**POWER
INDUSTRY**

| CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|---|---------------|-------------------------------|------|
| NUCLEAR | | | |
| Bhabha Atomic Research Centre Kalpakkam, Tamil Nadu | DM | 2 X 92 | 1983 |
| Department of Atomic Energy, Kalpakkam, Tamil Nadu | PT | 1800 | 2003 |
| Heavy Water Plant, at Kota, Rajasthan | DM | 3 X 340 | 1980 |
| Manuguru, Andhra Pradesh | DM | 6 X 300 | 1988 |
| Nuclear Power Corporation Ltd., at Kakrapar, Gujarat | CPU | 4 X 1 | 1995 |
| | DM | 2 X 25 | 1995 |
| Kaiga, Karnataka | DM | 2 X 25 | 2004 |
| Kota, Rajasthan | CPU | 4 X 1 | 2004 |
| | DM | 2 X 25 | 1996 |
| Tarapur, Maharashtra | WTP | 3 X 30 | 2004 |
| OTHERS | | | |
| Alstom Power Italia SPA, Italy (at Okpai, Nigeria) | PT | 910 | 2004 |
| | DM | 2 X 140 | 2004 |
| Bajaj Hindustan Ltd., Meerut, Uttar Pradesh | DM | 50 | 2004 |
| Dan Chang Bio Energy Company Ltd., Bangkok, Thailand | PT | 145 | 2004 |
| | DM | 15 | 2004 |
| | SF | 3 X 60 | 2004 |

 - Overseas Project

CPU - Condensate Polishing Unit
DM - Demineralisation Plant

PT - Pretreatment Plant
SF - Softener

WTP - Water Treatment Plant

| POWER INDUSTRY | CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|---|---|------------------|-------------------------------|------|
| | Gujarat Industries Power Company Ltd. (GIPCL), Surat Lignite Power Project (2x125 MW), Mangrol, Gujarat | PT | 2100 | 1998 |
| DM | | 2 X 27 | 1998 | |
| PWT | | 450 | 1998 | |
| Java Pos Group, Surabaya, Indonesia | PT | 100 | 1999 | |
| | CPU | 75 | 1999 | |
| | DM | 2 X 60 | 1999 | |
| | SF | 100 | 1999 | |
| | SSF | 100 | 1999 | |
| Jubilant Organosys, Power Project, Gajraula, Uttar Pradesh | DM | 80 | 2004 | |
| Kawasaki Heavy Industries (KHI), Mindanao, Japan | PT | 2 X 160 | 2004 | |
| | DM | 2 X 42 | 2004 | |
| | ETP | 47 | 2004 | |
| | STP | 30 | 2004 | |
| Marubeni Power Systems, Japan (at Na Duong, Vietnam) | PT | 320 | 2003 | |
| | DM | 2 X 20 | 2003 | |
| | ETP | 170 | 2003 | |
| Mitsubishi Heavy Industries (MHI), Japan (at Port Dickson, Malaysia) | DM | 59 | 2003 | |
| | ETP | 50 | 2003 | |
| | PT | 30 | 2000 | |
| | DM | 2 X 12 | 2000 | |
| | ETP | 20 | 2000 | |

 - Overseas Project

CPU - Condensate Polishing Unit
DM - Demineralisation Plant
ETP - Effluent Treatment Plant

PT - Pretreatment Plant
PWT - Potable Water Treatment Plant
SF - Softener

SSF - Side Stream Filter
STP - Sewage Treatment Plant

| POWER INDUSTRY | CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|--|---|---|-------------------------------|------|
| | POWER INDUSTRY | National Electricity Board, Tuanku Ja'afar Power Station, Malaysia | DM | 45 |
| DM | | | 12 | 1976 |
| Neyveli Lignite Corporation, Chennai, Tamil Nadu | | DM | 3 X 50 | 2003 |
| | | DM | 2 X 200 | 1979 |
| Rajasthan State Electricity Board, Ramgarh, Rajasthan | | DM | 2 X 30 | 2003 |
| SCAW Industries, (Power Project) Delhi | | WTP | 100 | 2004 |
| Stork Ketels, Cikarang, Indonesia | | PT | 2 X 800 | 1999 |
| | | DM | 2 X 70 | 1999 |
| Tanjung Jati, Semarang, Indonesia | | DM - RO | 90 | 1998 |
| Thai Cogeneration Company Ltd., Thailand | | ORGANIC REMOVAL | 120 | 1995 |
| PULP & PAPER INDUSTRY | AP Paper Mills, at Kovvur, Andhra Pradesh Rajmundry, Andhra Pradesh | DM | 100 | 1996 |
| | | SSF | 60 | 2002 |
| | Ballarpur Industries Ltd. (BILT), at Ballarpur, Maharashtra Palwal, Haryana Sinar Mas Pulp Paper India Ltd., Pune, Maharashtra Yamuna Nagar, Haryana | DM | 60 | 1978 |
| | | RO | 33 | 1992 |
| | | DM | 2 X 55 | 1997 |
| | | DM | 15 | 1984 |

 - Overseas Project

DM - Demineralisation Plant
PT - Pretreatment Plant

RO - Reverse Osmosis Plant
SSF - Side Stream Filter

WTP - Water Treatment Plant

**PULP
& PAPER
INDUSTRY**

| CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|--|-----------------------|-------------------------------|------|
| Global Boards Ltd., Mahad, Maharashtra | RECYCLE | 140 | 1996 |
| ITC Speciality Paper Division, Khammam, Andhra Pradesh | PT - SF | 3x150 | 2003 |
| ITC Triveni Tissue, Kolkata, West Bengal | PT | 125 | 1996 |
| | RECYCLE (DYNASAND) | 460 | 1996 |
| ITC Ltd., at Munger, Bihar | RO | 35 | 2001 |
| JK Paper Mill Ltd., Rayagada, Orissa | DM | 2 X 100 | 1997 |
| Khanna Paper Mills Private Ltd., Amritsar, Punjab | DM | 60 | 2004 |
| | DM | 60 | 2002 |
| Mysore Paper Mills Ltd., Bhadravati, Karnataka | DM | 2 X 100 | 1999 |
| Pan African Paper Mills (E. A.) Ltd., Webuye, Kenya | DM | 63 | 1982 |
| PT IKPP, Pekanbaru, Indonesia | CPU | 2 X 300 | 2002 |
| | DM | 2 X 150 | 2002 |
| PT Indo Deli, Karawang, Indonesia | DM | 50 | 2001 |
| PT Riau Andalan Pulp & Paper (RAPP) Mills, Pekumbaru, Indonesia | PT | 2 X 4500 | 1998 |
| | DM | 3 X 270 | 1998 |
| | PT | 2 X 4500 | 1994 |
| | DM | 3 X 270 | 1994 |

 - Overseas Project

CPU - Condensate Polishing Unit
DM - Demineralisation Plant

PT - Pretreatment Plant
RO - Reverse Osmosis Plant

SF - Softener

| PULP & PAPER INDUSTRY | CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|---|---|---------------|----------------------------|------|
| | Rama Newsprint & Papers Ltd., Surat, Gujarat | PT | 650 | 1998 |
| Siam Kraft Company Ltd., Bangkok, Thailand | RECYCLE | 565 | 1998 | |
| Sirpur Paper Mills, Kagaznagar, Andhra Pradesh | DM | 75 | 1994 | |
| Sun Paper Mills, Tirunelveli, Tamil Nadu | RECYCLE (DYNASAND) | 250 | 1997 | |
| Tamil Nadu Newsprints and Paper Ltd., at | | | | |
| Appakudal, Tamil Nadu | UF - RO | 45 | 2003 | |
| Kallakurichi, Tamil Nadu | DM | 48 | 1998 | |
| Pugalur, Tamil Nadu | DM | 2 X 75 | 1983 | |
| REFINERY & PETROCHEMICAL INDUSTRY | Chennai Petroleum Corporation Ltd. (CPCL), Chennai, Tamil Nadu | RECYCLE | 200 | 2004 |
| | | DM | 2 X 167 | 1994 |
| | | DM | 26 | 1993 |
| | | DM | 150 | 1986 |
| | | DM | 2 X 130 | 1970 |
| Cochin Refineries Ltd. (CRL), Cochin, Kerala | PT | 2 X 3000 | 2000 | |
| | DM | 2 X 135 | 1996 | |
| | DM | 2 X 180 | 1984 | |

 - Overseas Project

DM - Demineralisation Plant
PT - Pretreatment Plant

RO - Reverse Osmosis Plant

UF - Ultrafiltration

| REFINERY & PETROCHEMICAL INDUSTRY | CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|---|---|---|---|--|
| | Haldia Petrochemicals Ltd., Haldia, West Bengal | SSF DM PCP | 4 X 125 4 X 175 2 X 150 2 X 100 | 1998 1998 1998 1998 |
| | Hindustan Petroleum Corporation Ltd., at Mangalore LPG Terminal, Mangalore, Karnataka Mumbai, Maharashtra Vizag, Andhra Pradesh | RO WET NMP TREATMENT DM REHAB. | 5 2 60 | 2003 2002 2000 |
| | Indian Oil Corporation Ltd. (IOCL) at Gujarat Refineries, Vadodara, Gujarat Haldia Refinery, Haldia, West Bengal Mathura Refinery, Mathura, Uttar Pradesh | DM DM SSF DM DM DM | 3 X 300 1 X 150 2 X 235 2 X 20 2 X 150 150 | 2003 1998 1998 1998 1983 1987 |
| | Indian Petrochemicals Corporation Ltd. (IPCL), at Dahej, Gujarat Nagothane, Maharashtra | PCP PCP DM DM | 2 X 147 2 X 31 90 3 X 90 | 1998 1998 1997 1987 |

DM - Demineralisation Plant
NMP - N-Methyl Phyroledone

PCP - Process Condensate Plant
REHAB - Rehabilitation

RO - Reverse Osmosis Plant
SSF - Side Stream Filter

**REFINERY &
PETROCHEMICAL
INDUSTRY**

| CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|---|---------------|-------------------------------|------|
| Olefins Project, Vadodara, Gujarat Vadodara, Gujarat | DM | 3 X 150 | 1976 |
| | DM | 150 | 1987 |
| | DM | 150 | 1986 |
| | DM | 2 X 150 | 1983 |
| | DM | 2 X 80 | 1977 |
| Reliance Industries Ltd. (RIL), Hazira, Gujarat Phase I Phase II | DM | 3 X 200 | 1995 |
| | AVGF | 4 X 150 | 2005 |
| | AVGF | 150 | 2004 |
| | AVGF | 150 | 2003 |
| | AVGF | 50 | 2000 |
| | DM | 3 X 200 | 1997 |
| | AVGF | 150 | 1996 |
| | DM | 3 X 200 | 1996 |
| Sharjah Oil Refinery, Sharjah, United Arab Emirates | ETP | 65 | 1998 |
| Southern Petrochemical Industries Corporation Ltd. (SPIC), Chennai, Tamil Nadu | DM | 4 X 165 | 1998 |
| | DM | 75 | 1983 |
| SPIC Ltd., Jordan | DM | 165 | 1997 |

 - Overseas Project

AVGF - Auto Valveless Gravity Filter

DM - Demineralisation Plant

ETP - Effluent Treatment Plant

| SUGAR INDUSTRY | CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|--|---|------------------|-------------------------------|------|
| | Andhra Sugars, Rajmundry, Andhra Pradesh | DM | 50 | 1996 |
| Balrampur Chinni Mills Ltd., at Balrampur, Uttar Pradesh | DM | 30 | 1995 | |
| Gonda, Uttar Pradesh | RECYCLE | 45 | 1995 | |
| Bannari Amman Sugar, Nanjangud, Karnataka | HRSCC | 250 | 2001 | |
| | RO | 30 | 1999 | |
| Bhima Sahakari Sakhar Karkhana Ltd., Solapur, Maharashtra | ETP | 750 | 1994 | |
| DSM Sugars, Rauzagaon, Uttar Pradesh | SUGAR DECOLOURISATION | 2 X 35 | 1999 | |
| Gem Sugar Ltd., Kundargi, Karnataka (for cogen power plant) | UF-RO | 100 | 2000 | |
| GMR Sugars Ltd., Sankili, Andhra Pradesh | HRSCC | 160 | 2004 | |
| | DM | 25 | 2004 | |
| Harinagar Sugar Mills, Harinagar, Bihar | DM | 50 | 2000 | |
| Hydergarh Chini Mills Ltd., Hydergarh, Uttar Pradesh (Balrampur Chinni Mills unit) | PT | 40 | 2004 | |
| | SSF | 2 X 125 | 2004 | |
| Jeypore Sugar Ltd., Chagallu, Andhra Pradesh (for cogen power plant) | DM | 30 | 2004 | |

DM - Demineralisation Plant
ETP - Effluent Treatment Plant

HRSCC- High Rate Solids
Contact Clarifier
PT - Pretreatment Plant

RO - Reverse Osmosis Plant
SSF - Side Stream Filter
UF - Ultrafiltration

| SUGAR INDUSTRY | CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|--|--|------------------|-------------------------------|------|
| | Kallaburichi Co-operative Sugar Mills, Tamil Nadu | DM | 48 | 1998 |
| KCP Sugar Ltd., Vuyuru, Tamil Nadu | DM | 2 X 25 | 1999 | |
| KCP Limited, Chennai, Tamil Nadu(for Vietnam Plant) | FLT | 360 | 1998 | |
| | DM | 30 | 1998 | |
| Nizam Deccan Sugars Ltd., Bodhan, Andhra Pradesh | MB | 38 | 2004 | |
| | RO | 41 | 2004 | |
| | UF | 55 | 2004 | |
| Rana Sugar, Amritsar, Punjab | DM | 40 | 2002 | |
| Sakhti Sugars, Erode, Tamil Nadu | UF- RO | 45 | 2003 | |
| | HRSCC | 260 | 2002 | |
| Simbhaoli Sugar Mills, Gaziabad, Uttar Pradesh | SUGAR DECOLOURISATION | 2 X 48 | 2004 | |
| Sri Vani Sugars, (for cogen plant) Punganur, Andhra Pradesh | RO-MB | 30 | 2004 | |
| Thiru Arooran Sugars Ltd., Chittur, Cuddalore, Tamil Nadu | RO | 21 | 2002 | |
| Uttam Sugar Mills, Haridwar, Uttar Pradesh | SUGAR DECOLOURISATION | 2 X 50 | 2004 | |

DM - Demineralisation Plant
FLT - Filtration

HRSCC - High Rate Solids
Contact Clarifier

MB - Mixed Bed
RO - Reverse Osmosis Plant
UF - Ultrafiltration

| TEXTILE INDUSTRY | CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|---|---|------------------|-------------------------------|------|
| | Ashima Dyecot Ltd., Ahmedabad, Gujarat | ETP | 160 | 2000 |
| Auro Dyeing, Baddi, Himachal Pradesh | ETP | 150 | 1999 | |
| Aurora Fashions Ltd., Tirupur, Tamil Nadu | RECYCLE | 30 | 1998 | |
| Bhiwani Textile Mills, Bhiwandi, Haryana | RO | 25 | 2002 | |
| Columbia Washing Plant, Bangladesh | FLT | 25 | 2001 | |
| Common Effluent Treatment Plant (CETP), at Kasipalayam, Tirupur, Tamil Nadu | ETP | 167 | 1998 | |
| Perundurai, Tamil Nadu | ETP | 150 | 2000 | |
| Cotsyn Thai Ltd., Samutsakhan, Thailand | DM | 35 | 1994 | |
| | ETP | 35 | 1994 | |
| Esquire Knitting Ind. Ltd., Bangladesh | ETP | 100 | 2005 | |
| Grasim Ltd., Nagda, Madhya Pradesh | PT | 400 | 1995 | |
| Garden Silk Mills Ltd., Surat, Gujarat | DM | 2 X 70 | 2004 | |
| | DM | 40 | 2002 | |
| Hossain Textile Mills Ltd., Bangladesh | WTP | 100 | 2005 | |
| Indian Acrylics Ltd., Harkisanpura, Punjab | DM | 50 | 2004 | |

 - Overseas Project


ETP - Effluent Treatment Plant
DM - Demineralisation Plant

FLT - Filtration
PT - Pretreatment Plant

RO - Reverse Osmosis Plant
WTP - Water Treatment Plant

**TEXTILE
INDUSTRY**

| CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|---|---------------|-------------------------------|------|
| Indian Rayon Industries Ltd., Veraval, Gujarat | SWRO | 250 | 2000 |
| Indopoly, Thailand | DM | 140 | 1999 |
| Indoworth Textiles, Lopburi, Thailand | DA | 40 | 1994 |
| | DM | 4 | 1994 |
| Jindal Polyester Ltd., Nasik, Maharashtra | ETP | 37 | 2004 |
| | PT | 31 | 1998 |
| Knit Concerns Ltd., Bangladesh | WTP | 70 | 2005 |
| Kuruwita Manchester Textile Mills Ltd., Pannala, Sri Lanka | ETP | 76 | 1998 |
| Monno Fabrics Ltd., Manikgonj, Bangladesh | ETP | 70 | 1998 |
| | PT | 158 | 1997 |
| Muscat Thread Mills Saog, Rusayl, Oman | ETP | 7 | 1997 |
| | RO | 10 | 1997 |
| Nibula Techno Solutions, Bangladesh | ETP | 50 | 2005 |
| Nigra Textiles Ltd., Bangladesh | ETP | 40 | 2005 |
| NRG Spining Mills Ltd., Bangladesh | WTP | 80 | 2005 |
| Osprey Clothing Private Ltd., Karnala, Sri Lanka | ETP | 377 | 1994 |

 - Overseas Project

DA - Dealkalisation Plant
DM - Demineralisation Plant
ETP - Effluent Treatment Plant

PT - Pretreatment Plant
RO - Reverse Osmosis Plant
SF - Softener

SWRO - Sea Water Reverse Osmosis Plant
WTP - Water Treatment Plant

| TEXTILE INDUSTRY | CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|---------------------|---|--|-------------------------------|------|
| | | Performed Sweater and Dyeing Ltd., Bangladesh | WTP | 60 |
| | PT Indo Bharat Rayon, Purwakarta, Indonesia | SF | 2 X 250 | 2003 |
| | | PT | 2 X 50 | 1994 |
| | | DM | 60 | 1994 |
| | | DM | 2 X 38 | 1994 |
| | PT Indo Rama Synthetics, Purwakarta, Indonesia | DA | 65 | 1996 |
| | | DM | 35 | 1996 |
| | | SF | 100 | 1996 |
| | | ETP | 22 | 1992 |
| | | RECYCLE | 300 | 1997 |
| | PT Polysindo EKA Perkasa, Karawang, Indonesia | DM | 65 | 1998 |
| | PT PSV, Indonesia | DM | 2 X 50 | 2002 |
| | | DM | 50 | 2001 |
| | | PT | 2 X 625 | 1996 |
| | | DM | 2 X 30 | 1996 |
| | | DM | 50 | 1993 |
| | | SF | 4 X 165 | 1993 |
| | PT South Pacific Viscose, Indonesia | PT | 2 X 625 | 1996 |

 - Overseas Project

DA - Dealkalisation Plant
DM - Demineralisation Plant

ETP - Effluent Treatment Plant
PT - Pretreatment Plant

SF - Softener
WTP - Water Treatment Plant

| TEXTILE INDUSTRY | CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|---------------------|---|--------------------------------------|-------------------------------|---------|
| | | PT Texmaco Jaya, Karawang, Indonesia | SF | 2 X 125 |
| | PT Yasha Ganesh, Marek, Indonesia | PT | 430 | 1995 |
| | Reliance Industries Ltd., for Apollo Fibres Ltd., Hoshiarpur, Punjab | ETP | 44 | 2004 |
| | Silvassa Industries Ltd., Silvassa, Gujarat | RO | 61 | 2004 |
| | | UHRSCC | 2 X 110 | 2004 |
| | Reliance Textiles Industries Ltd., Sidhpur, Gujarat | DM | 40 | 1982 |
| | Raymond Synthetics Ltd., Allahabad, Uttar Pradesh | ETP | 55 | 1997 |
| | Sea Tex Ltd., Bangladesh | WTP | 60 | 2005 |
| | Shameem Spinning Mills, Bangladesh | ETP | 50 | 2004 |
| | Sinha Textile, Bangladesh | ETP | 150 | 2005 |
| | Thai Acrylic Fibre Ltd., Thailand | PT | 2 X 150 | 1997 |
| | | DM | 145 | 1997 |
| | | DM | 125 | 1994 |
| | | PT | 300 | 1993 |
| | | DM | 75 | 1990 |
| | | SSF | 2 X 150 | 1990 |

 - Overseas Project

DM - Demineralisation Plant
ETP - Effluent Treatment Plant
PT - Pretreatment Plant

RO - Reverse Osmosis Plant
SF - Softener
SSF - Side Stream Filter

UHRSCC - Ultra High Rate Solids
Contact Clarifier
WTP - Water Treatment Plant

| TEXTILE INDUSTRY | CLIENT | TYPE OF PLANT | CAPACITY m ³ /h | YEAR |
|---|----------------------------|------------------|-------------------------------|------|
| | Thai Baroda Ind., Thailand | | PT | 25 |
| | | PT | 25 | 1995 |
| | | DM | 10 | 1995 |
| | | PT | 60 | 1994 |
| Thai Cellulose Products Ltd., Rayong, Thailand | | PT | 12 | 1994 |
| Thai Rayon Public Company Ltd., Thailand | | SF | 3 X 182 | 2001 |
| Vardhman Acrylics Ltd., Jhagadia, Gujarat | | ETP | 125 | 1998 |
| VXL India Ltd., at | Amritsar, Punjab | ETP | 170 | 1992 |
| | Jamnagar, Gujarat | RO | 29 | 1991 |
| | | | | |

ETP - Effluent Treatment Plant
DM - Demineralisation Plant

PT - Pretreatment Plant
RO - Reverse Osmosis Plant

SF - Softener

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