



An ISO 9001 : 2015 Certified Company



KETAV
Consultant

MANUFACTURER OF MEE PLANT FOR WASTE WATER EVAPORATION WITH CRYSTALLIZER & ATFD SYSTEM FOR COMPLETE ZERO LIQUID DISCHARGE



OUR MANUFACTURING EXPERTISES AS MENTIONED BELOW PLANTS

- | | |
|--|-------------------------------------|
| 1) Multiple Effect Evaporation System (MEEP) | 7) Solvent Recovery Stripper System |
| 2) Falling Film Evaporator Plant | 8) Vacuum Crystallizer System |
| 3) Forced Circulation Evaporator Plant | 9) Vacuum Pumps, Steam Jet Ejectors |
| 4) Caustic Recovery Plant | 10) RO Plant, ETP Plant, STP Plant |
| 5) Product Recovery Plant | 11) Water Distillation Plant |
| 6) Agitated Thin Film Dryer (ATFD) | 12) MVR |



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ABOUT KETAV CONSULTANT

- ▶ KETAV CONSULTANT is a well established and growing engineering company which was founded in 2005
- ▶ Ketav Consultant has manufactured and supplied more than 490 Nos. Multiple Effect Evaporators Plants with crystalliser & ATFD For Salt Recovery.
- ▶ We have good manufacturing facility with 20,000 Sq. mtr. area near Ahmedabad, Gujarat.
- ▶ We have in house Pilot Plant Facility with MEE Plant, Crystalliser, ATFD With Boiler.

Our Facilities

We have well-established workplace of 20,000 sq. mtr. This organized workshop has the facilities of various kinds of machinery, tools & equipment. The installations cover Bending, Tube Expanding, Plasma Cutting, Welding, Drilling, Lath Machine etc.

Pilot Plant Facility

We have Pilot Plant facilities at our place. We effectively provide pilot plant trial to our customers to get adequate outputs as per their requirements. Client Satisfaction is the first priority for us, and we also give lab testing facility to our clients as per their essentials. Also there is a facility of High Pressure Pumps for Tube Cleaning.

Sr. No.	Type Of Industry	MEE Plant Supplied	Capacity
1	Textiles, Dyeing, & Spinning Mill Industries	94	05 KLD To 550 KLD
2	Tannery Industries	11	05 KLD To 630 KLD
3	Steel & Metal Industries	13	05 KLD To 75 KLD
4	Common Effluent Treatment Plants	11	100 KLD To 630 KLD
5	Pharmaceutical & API Industries	49	02 KLD To 240 KLD
6	Automobile Industries	11	10 KLD To 50 KLD
7	Cement Industries	07	10 KLD To 60 KLD
8	Food Product Waste Water	07	05 KLD To 100 KLD
9	Pesticide Industry Waste Water	07	05 KLD To 150 KLD
10	Chemical, Dyes & Intermediate, Chemical Industries	68	02 KLD To 480 KLD
11	Agitated Thin Film Dryer (ATFD) System	144	50 Kg / Hr To 2000 Kg / Hr
12	Product Concentration	30	02 KLD To 120 KLD
13	Caustic Recovery Plant	13	05 KLD To 175 KLD
14	Glauber Salt Recovery Crystallizer System	19	1500 Kg / Hr To 2000 Kg / Hr
15	Starch Industry	04	120 KLD To 500 KLD
16	Sugar And Distilleries Industry	02	10 KLD To 50 KLD

Total 490 NOs.

SUPPLY MEEP IN TEXTILES, DYEING, & SPINNING MILL INDUSTRIES

		Place	Capacity(KLD)		Party Name	Place	Capacity(KLD)
1	Trident Ltd	Punjab	550	43	Madura Industrial Textiles Ltd.	Gujarat	60
2	OM Yarn Plus Pvt. Ltd.	Punjab	60	44	Meena Print Pvt. Ltd.	Gujarat	20
3	Sachdeva Home Furnishing Pvt. Ltd.	Haryana	60	45	Siddhi Waves Pvt. Ltd.	Gujarat	75
4	KPR Mills Ltd	Tamilnadu	300 + 120 + 24	46	Sintex Industries Ltd. Yarn Division	Gujarat	300
5	RohiniTextiles Industries Pvt. Ltd.	Tamilnadu	350 + 120	47	Bhilosa Industries Pvt. Ltd.	Gujarat	100
6	Summer India Textiles Mills Pvt. Ltd.	Tamilnadu	300	48	Dicite Home Furnishing Pvt. Ltd.	Maharashtra	60
7	Jaya Vishnu Textile Processors Pvt. Ltd.	Tamilnadu	250	49	D' Decor Home Fabrics Pvt Ltd.	Maharashtra	200
8	Victus Dyeing .	Tamilnadu	200 + 40	50	Raymond Uco Denim Ltd.(Unit -Yavatmal)	Maharashtra	200
9	SSM Fine yarns Textiles Ltd.	Tamilnadu	200	51	Technocraft Industries Ltd.	Maharashtra	120 + 120
10	Indian Stitches Pvt .Ltd.	Tamilnadu	150 + 75	52	First winners, Boisar	Maharashtra	20
11	Royal Classic Mills Pvt. Ltd.	Tamilnadu	200	53	Konark Fixtures Ltd. (Kolhapur)	Maharashtra	70
12	Mohan Textile Process India Pvt. Ltd.	Tamilnadu	150	54	Jakharia Industries	Maharashtra	80
13	Rainbow Tex Color Processors Pvt. Ltd.	Tamilnadu	150	55	Anant Spintex Pvt Ltd	Rajasthan	75
14	Glassy Dyeing House Pvt. Ltd	Tamilnadu	140	56	Sona Processor India Ltd.	Rajasthan	100
15	Prime Tex (SRG)	Tamilnadu	80	57	Sona Spinning Ltd.	Rajasthan	100
16	Shree Bhavani Textile Processors Pvt. Ltd.	Tamilnadu	80	58	Ranjan PolyesterLtd.	Rajasthan	75
17	Best Colors Solutions India Pvt. Ltd.	Tamilnadu	120	59	Puja Spintex Pvt. Ltd.	Rajasthan	75
18	Colorline Processors.	Tamilnadu	100+15	60	Sarvodaya India Ltd.	Rajasthan	75
19	Shree SanthoshMeenakshi Textiles Pvt. Ltd.	Tamilnadu	100	61	TPL industries Ltd.	Rajasthan	75
20	Blue Mount Textiles.	Tamilnadu	100	62	Sangam India Ltd.	Rajasthan	100
21	Krishna Textiles Process.	Tamilnadu	100	63	Sangam Spinning Ltd.	Rajasthan	175
22	Trinity Colors India Pvt. Ltd.	Tamilnadu	100	64	Riddhi Siddhi Mills India Pvt Ltd.	Rajasthan	22
23	Inditex Processors Pvt. Ltd.	Tamilnadu	100	65	Shankheshwar Fabrics Pvt. Ltd.	Rajasthan	20 + 40
24	Cotton Blossom India Pvt. Ltd.	Tamilnadu	75	66	K. B. Syncotex Pvt. Ltd.	Rajasthan	20
25	TheniGuruKrishna Textile Mills Pvt. Ltd.	Tamilnadu	100	67	Bhavik Terryfab.	Rajasthan	100
26	Pioneer Processing India	Tamilnadu	60	68	Tulsi Cotton Mills Pvt. Ltd.	Rajasthan	5
27	Maharani Textiles	Tamilnadu	40	69	K B Dyeing Mills	Rajasthan	40
28	RTS Textiles	Tamilnadu	40	70	Vimal Oxy Product	Rajasthan	70
29	Arvind Textiles Process	Tamilnadu	50	71	Minaxi Industries	Rajasthan	25
30	Vijeshwari Textiles Ltd	Tamilnadu	10	72	Murliwala Industries	Rajasthan	25
31	Pioneer Processing India Pvt. Ltd.	Tamilnadu	06	73	Mohit Industries	Rajasthan	25
32	Sri Varshini Knit Printers	Tamilnadu	10	74	White House Textile Ltd.	Andhra Pradesh	100
33	Rajlaxmi Textiles	Tamilnadu	100	75	Suvarna Apparels & Fashion Exports Ltd.	Andhra Pradesh	80
34	Global Attire Pvt Ltd	Tamilnadu	100	76	Priyadarsini Spinning Mill Ltd.	Andhra Pradesh	50
35	Santhosh Textile Process	Tamilnadu	50	77	Kallam Spinning Mills Ltd.	Andhra Pradesh	30
36	HimatSingka Linens	Karnataka	250 + 250 + 10	78	Rajvir Industries Ltd.	Andhra Pradesh	30
37	Shahi Exports.	Karnataka	60 + 250	79	Suryalakshmi Cotton Mills Ltd.	Andhra Pradesh	140
38	Bombay Rayon Fashions Ltd.	Karnataka	180	80	Paragon Knits Ltd.	Himachal Pradesh	80
39	Kanva Fashions Ltd.	Karnataka	60	81	Maral Overseas Ltd	Madhya Pradesh	100
40	Birla Century	Gujarat	25	82	Candor Textile Pvt Ltd.	Madhya Pradesh	10
41	Vishal fabrics Ltd. (Chiripal Group)	Gujarat	95	83	Mahavir SpinFab Pvt. Ltd.	Uttar Pradesh	30
42	Gujarat Flotex Pvt. Ltd.	Gujarat	50				

SUPPLY MEEP IN PHARMACEUTICAL & API INDUSTRIES

	Party Name	Place	Capacity(KLD)		Party Name	Place	Capacity(KLD)
84	Navin Flourine Ltd	Madhya Pradesh	25	105	Pride Drugs & Pharma Pvt. Ltd	Gujarat	14
85	Unidrug Innovative Pharma Technologies Ltd	Madhya Pradesh	30	106	Troikaa Pharmaceuticals Ltd -API	Gujarat	03 + 05
86	SRF Limited	Madhya Pradesh	20	107	Maharshi Pharma Chem Pvt. Ltd.	Gujarat	10
87	Aarti Industries Ltd.	Madhya Pradesh	10	108	Nira Life Science Pvt. Ltd.	Gujarat	10
88	Glenmark Generics Ltd	Gujarat	40	109	Stellar Formulations Industry Pvt. Ltd.	Gujarat	15
89	Unique Pharmaceutical Ltd	Gujarat	50	110	SNJ Labs Pvt. Ltd.	Gujarat	10
90	Unison Pharmaceuticals Ltd	Gujarat	40	111	La Chandra Pharmalab Pvt Ltd.	Gujarat	08
91	Claris Life Science Ltd.	Gujarat	60	112	Shree Ganesh Remedies Ltd	Gujarat	30
92	Claris Otsuka Ltd.	Gujarat	120	113	Elixir Pharma	Gujarat	30
93	Intas Pharmaceuticals Ltd. - API	Gujarat	100 + 25	114	Concord Biotech Ltd.	Gujarat	70
94	Amneal Pharmaceuticals Ltd. - API	Gujarat	25	115	Sam Fine O Chem Limited	Gujarat	35
95	Raks Pharma Pvt. Ltd.- API	Gujarat	60	116	SRF Limited (Dahej)	Gujarat	100
96	Ami Life Sciences Pvt. Ltd.- API	Gujarat	60	117	Pragna Pharma Pvt Ltd	Gujarat	30
97	Cadila Healthcare Ltd.- API	Gujarat	25	118	Bajaj Healthcare Limited	Gujarat	60
98	Saijan India Ltd.	Gujarat	240	119	F R Chem Pvt. Ltd.	Gujarat	45
99	Hiran Orgochem Ltd.	Gujarat	150 + 50	120	Orbit Pharma Laboratories	Gujarat	50
100	Alkem Laboratories Ltd.	Gujarat	140 + 25	121	Concord Biotech Limited	Gujarat	100 + 100
101	Meghmani LLP	Gujarat	135	122	Alchemy Chem Pvt. Ltd.	Maharashtra	20
102	Jayveer Pharmachem	Gujarat	15	123	Unique Pharmaceuticals Laboratories	Daman	10
103	Actgen Pharma Pvt. Ltd. - API	Gujarat	50	124	Pharmazell India Pvt. Ltd.	Tamilnadu	60
104	Endoc Life Care Pvt Ltd.-API	Gujarat	15 + 15	125	Apex Pharmaceuticals Pvt. Ltd.	Tamilnadu	12
				126	Raichur Laboratories Pvt. Ltd.	Karnataka	30

SUPPLY MEEP FOR TANNERY INDUSTRIES

	Party Name	Place	Capacity(KLD)		Party Name	Place	Capacity(KLD)
127	Tata International Ltd.	Madhya Pradesh	60	132	N.M. Zackriah & Co.	Tamilnadu	20
128	Vanitech CETP	Tamilnadu	630	133	Florence Shoe Company Pvt. Ltd.	Tamilnadu	30
129	Shalimar Tannery Company	Tamilnadu	10	134	Habeeb Tanning Company	Tamilnadu	10
130	Farida prime Tannery Pvt. Ltd.	Tamilnadu	20	135	Letraco Kid Leather	Tamilnadu	15
131	T.M. Abdul Rehman & Sons	Tamilnadu	15	136	Jama Corporation Pvt. Ltd.	Uttarpradesh	120 + 10

SUPPLY MEEP IN COMMON EFFLUENT TREATMENT PLANTS

	Party Name	Place	Capacity(KLD)		Party Name	Place	Capacity(KLD)
137	Vanitech CETP LTD.	Tamilnadu	630	142	Angeripalayam CETP PVT. LTD.	Tamilnadu	200
138	Murugampalayam CETP PVT. LTD.	Tamilnadu	500	143	Rayapuram CETP PVT. LTD.	Tamilnadu	100+ 60
139	Arulpuram CETP PVT. LTD.	Tamilnadu	300	144	Kunnankalpalayam CETP PVT. LTD.	Tamilnadu	100 + 160
140	Andipalayam CETP PVT. LTD.	Tamilnadu	220	145	S. Periyapalayam CETP PVT. LTD.	Tamilnadu	100
141	Park CETP PVT. LTD.	Tamilnadu	200				

SUPPLY MEEP FOR STARCH INDUSTRY

	Party Name	Place	Capacity(KLD)		Party Name	Place	Capacity(KLD)
146	Shree Gluco Biotech Pvt. Ltd	Karnataka	500	148	Roquette Riddhi Siddhi Pvt. Ltd.	Gujarat	120
147	Roquette Riddhi Siddhi Pvt. Ltd.	Karnataka	350	149	Tirupati Starch and Chemicals Ltd.	Madhya Pradesh	150

SUPPLY MEEP IN CHEMICAL, DYES & INTERMEDIATE, CHEMICAL INDUSTRIES

Party Name	Place	Capacity(KLD)	Party Name	Place	Capacity(KLD)
150 Grasim Industries Ltd. (Aditya Birla)	Uttarpradesh	120	184 K. Patel Dychem Industries Pvt. Ltd.	Gujarat	15
151 Synthetic Silica Products	Uttarpradesh	160	185 Bliss Industries	Gujarat	70
152 Grasim Industries Ltd. (Aditya Birla)	Odisha	120	186 Shreeji Industries Pvt. Ltd.	Gujarat	70
153 Grasim Industries Ltd. (Aditya Birla)	Chhattisgarh	120	187 Reva Enterprise Pvt. Ltd.	Gujarat	55
154 High Temp. Furnaces Ltd.	Karnataka	1.5	188 Alfesani Green Tech Industries	Gujarat	04
155 Choksi Colours Pvt. Ltd.	Gujarat	200	189 Minol Acids & Chemicals Pvt. Ltd.	Gujarat	20
156 Narayan Organics Pvt. Ltd.	Gujarat	120	190 Salus Industries	Gujarat	02
157 Narayan Industries.	Gujarat	80	191 Abhishek Chemicals	Gujarat	10
158 Om Dye Chem	Gujarat	40	192 Devanshi Dyestuff (K Patel)	Gujarat	25
159 Gandhi Special Tubes Ltd.	Gujarat	20	193 Kohinoor Colours Pvt. Ltd	Gujarat	30
160 Sarna Chemicals Pvt. Ltd	Gujarat	30	194 Rallis India Ltd	Gujarat	75
161 Deep Organics Pvt. Ltd.	Gujarat	10	195 Anderson Chemicals	Gujarat	32
162 Shilp Gravures Ltd.	Gujarat	06 + 05	196 Patel & Co.	Gujarat	04
163 Windsor Machines Ltd.	Gujarat	01	197 Lippi Systems Limited	Gujarat	04
164 Oerlikon Blazers Coating India Ltd.	Gujarat	01	198 Huber Group India Pvt. Ltd.	Gujarat	200
165 Oswal Industries Ltd.	Gujarat	01	199 Songwon Specialty Chemicals India Pvt. Ltd.	Gujarat	75
166 Yunus Barrels	Gujarat	10	200 Sunfrio Chemicals Pvt. Ltd.	Gujarat	100 + 100
167 J B Industries.	Gujarat	20	201 Pilot Industries	Gujarat	30
168 Vipson Chemicals Industries.	Gujarat	15	202 Selective Plating Technologies Pvt. Ltd.	Gujarat	20
169 Astron Packaging Pvt. Ltd.	Gujarat	10	203 Enrec Engineers.	Tamilnadu	100
170 Photokina Chemicals Pvt. Ltd.	Gujarat	10	204 Corware Engineers.	Tamilnadu	20
171 Ambica Industries.	Gujarat	30	205 Odyssey Organics Pvt. Ltd.	Maharashtra	20 + 35
172 Gulbrandsen chemicals Pvt Ltd	Gujarat	30	206 Sterlite Technologies Ltd.	Maharashtra	20
173 Amar Jyot chemical Limited	Gujarat	480	207 Thermax Ltd.	Maharashtra	20
174 Kenoor Organics Pvt Ltd	Gujarat	15	208 Paramount Minerals & Chemicals Ltd.	Maharashtra	100
175 Ronak Chemicals	Gujarat	15	209 Indofill Industries Limited	Maharashtra	16
176 Navpad Pigments Pvt. Ltd.	Gujarat	40	210 Neelikon Food Dyes And Chemicals Ltd.	Maharashtra	30
177 Pranav Chemicals	Gujarat	100	211 Lanxess Chem Pvt. Ltd. (Group Of Birla)	Madhya Pradesh	10
178 Amishi Drugs & Chemicals Pvt. Ltd.	Gujarat	60	212 Grasim Industries Ltd. (Aditya Birla).	Madhya Pradesh	120
179 Asiatic Pharmachem Pvt. Ltd.	Gujara	60	213 Malwa Oxygen & Industrial Gases Pvt. Ltd.	Madhya Pradesh	75
180 Jackson Chemical Industries.	Gujarat	150	214 HBL Power Systems Ltd.	Andhra Pradesh	15
181 Ramdev Chemicals Pvt. Ltd..	Gujarat	120	215 Oren Hydro Carbon Pvt. Ltd.	Andhra Pradesh	50
182 Shree Mahakali Dyes & Chemicals.	Gujarat	50	216 Bhagiradha Chemicals & Industrial Limited	Andhra Pradesh	100
183 Parikh Enterprises Pvt. Ltd.	Gujarat	100	217 Membrane India (Uflex Ltd.)	Delhi- Noida	60

SUPPLY MEEP FOR PESTICIDE INDUSTRIES

Party Name	Place	Capacity(KLD)	Party Name	Place	Capacity(KLD)
218 GSP Crop Science Pvt. Ltd.	Gujarat	15 + 60	221 India Pesticides Ltd.	Uttarpradesh	150 + 100
219 Crognosys India Pvt Ltd.	Gujarat	25	222 Shivalik Rasayan Ltd	Uttarakhand	30
220 Shivalik Rasayan Ltd	Gujarat	35			

SUPPLY MEEP FOR SUGAR AND DISTILLERIES INDUSTRIES

Party Name	Place	Capacity(KLD)	Party Name	Place	Capacity(KLD)
223 Uriel (Amara Breweries Pvt. Ltd - Punjab)	Kerala	50	224 United Beverages Ltd. (Bhumi Asso.)	Maharashtra	48

SUPPLY MEEP FOR CEMENT INDUSTRIES

	Party Name	Place	Capacity(KLD)		Party Name	Place	Capacity(KLD)
225	ACC Ltd.(Unit –Chandrapur)	Maharashtra	50	229	ACC Ltd. (Unit – Kymore)	Madhya Pradesh	60
226	ACC Ltd. (Unit – Wadi)	Karnataka	50	230	ACC Ltd. (Unit – Jamul)	Chhatisgarh	60
227	ACC Ltd. (Unit – Tikaria)	Uttarpradesh	60	231	ACC Ltd. (Unit – Bargadh)	Odisha	60
228	ACC Ltd. (Unit – Chaibasa)	Jharkhand	60				

SUPPLY MEEP FOR STEEL & METAL INDUSTRIES

	Party Name	Place	Capacity(KLD)		Party Name	Place	Capacity(KLD)
232	Jindal Steel Ltd. (Unit – Vasind)	Maharashtra	75	237	Ahmedabad Strips Pvt. Ltd	Gujarat	10 + 10
233	Jindal Steel Ltd. (Unit – Tarapur)	Maharashtra	50+20+10	238	Goodluck India Ltd. (GoodluckMetalics)	Gujarat	40
234	Jindal Steel Ltd. (Unit – Nagpur)	Maharashtra	20	239	Shree Mahavir Metal Craft Pvt. Ltd.	Gujarat	10
235	Thyssen Krupp Ele. Steel India pvt.Ltd.	Maharashtra	65	240	Bhilai Engineering Corporation (BEC)	Chhattisgarh	72
236	Bedmutha Industries Ltd.	Maharashtra	30	241	Choksi Heraeus Pvt. Ltd.	Rajasthan	30

SUPPLY MEEP FOR AUTOMOBILE INDUSTRIES

	Party Name	Place	Capacity(KLD)		Party Name	Place	Capacity(KLD)
242	TVS Motor Company Ltd.	Tamilnadu	30	248	L&T Ltd. (For Ford Motor Company Ltd.	Tamilnadu	24
243	TVS Motor Company Ltd.	Tamilnadu	50	249	Balakrishna Industries Ltd.	Maharashtra	12.5
244	Delphi TVS Diesel System Ltd.	Tamilnadu	15	250	CEAT Specialty Tyres Ltd.	Maharashtra	18
245	Gabriel India Ltd.	Tamilnadu	10	251	Hema Engineering (Honda parts).	Haryana	10
246	Wheels India Ltd.	Tamilnadu	40	252	Endurance Technology (Honda Part).	Gujarat	10
247	Michelin Tyre Ltd.	Tamilnadu	12				

SUPPLY MEEP FOR FOOD PRODUCT INDUSTRIES

	Party Name	Place	Capacity(KLD)		Party Name	Place	Capacity(KLD)
253	Dynamic Products Ltd.	Gujarat	100	256	Manpasand Beverages Ltd.	Gujarat	15
254	Dynamic Products Ltd.	Gujarat	40	257	Hyfun Food Pvt. Ltd.	Gujarat	05
255	Inbisco India Pvt. Ltd.	Gujarat	25	258	Perry Nutraceuticals Ltd	Tamilnadu	100
				259	Sampoorna Dairy & Agrotech LLP	Maharashtra	06

SUPPLY OF GLAUBER SALT RECOVERY CRYSTALLIZER SYSTEM

	Party Name	Place	Capacity(Kg/hr)		Party Name	Place	Capacity(Kg/hr)
260	White House Textile Ltd.	Andhra Pradesh	2000	270	Glassy Dyeing House Pvt. Ltd.	Tamilnadu	2000
261	Shahi Exports	Karnataka	2000	271	SRG Apparels Pvt. Ltd.	Tamilnadu	2000
262	Trident Ltd.	Punjab	2000	272	Cotton Blossom India Pvt. Ltd.	Tamilnadu	2000
263	Konark Fixtures Ltd. (Kolhapur)	Maharashtra	2000	273	MP Shantex	Tamilnadu	2000
264	Vanitech CETP Ltd.	Tamilnadu	2000	274	Colorline Processors.	Tamilnadu	2000
265	Arulpuram CETP PVT. LTD.	Tamilnadu	2000	275	Triniity Colors Pvt. Ltd.	Tamilnadu	2000
266	Kunnankalpalayam CETP PVT. LTD.	Tamilnadu	2000	276	Pioneer Processing India.	Tamilnadu	1500
267	RohiniTextiles Industries Pvt. Ltd.	Tamilnadu	2000	277	Royal Classic Mill Pvt. Ltd.	Tamilnadu	1500
268	Jeya Vishnu Textile Processors Pvt. Ltd.	Tamilnadu	2000	278	S. Periyapalayam CETP PVT. LTD.	Tamilnadu	1500
269	Rainbow Tex Color Processors Pvt. Ltd.	Tamilnadu	2000				

CAUSTIC RECOVERY PLANT

A Caustic Recovery Plant is typically a multiple effect evaporation plant which will re-concentrate the weak lye by heating it in heat exchanger and when it reaches evaporator, vapour is released due to water evaporation that increases its concentration. This process repeats itself by circulation in caustic recovery plant till the desired concentration reached. Textile Mills involved in mercerizing of (Yarn, Woven, Knitted, Denim) cotton use caustic (NaOH) in mercerizing machines. After process in mercerizing machine this dilute caustic soda solutions come out from mercerizing machines as drain. The density of drain dilute caustic solution varies from 3% to 8% (31 to 87 gm/ltr). The drained weak lye also causes financial loss not only by removal but also by process incurred to remove it, i.e. expense incurred in treating (neutralizing) at ETP as per pollution laws.

BENIFITS

- 1) The system re-concentrates weak caustic lye from 40 to 50 gm/ltr to 250 to 450 gm/ltr as required by the process viz. dry-in-wet or wet-in-wet mercerizing.
- 2) Fresh caustic process is required only for concentration variation and make-up.
- 3) Payback period of the Plant is less than 4 months for a Triple Effect Caustic Recovery plant with Surface Condenser and Thermo-compressor.
- 4) The energy of heating steam can be completely transformed into hot water. Hot Water is generated at:
 - ▶ The uncontaminated steam condensate from the first heat exchanger may be reused as boiler feed water.
 - ▶ At surface condenser hot water is generated by soft water feed to the surface condenser for cooling vapour of the last effect.
 - ▶ The result is eventually soft water of a high temperature, which saves cost in water softening before use in mercerizing machines .
 - ▶ Alkaline condensate is generated as the vapour condensate, which can be used as hot wash water in the mercerizing machines.
- 5) Financial savings in neutralizing agents and waste water treatment costs.

SUPPLY OF CAUSTIC RECOVERY PLANT

	Party Name	Place	Capacity(KLD)
1	Pioneer Processing India	Tamilnadu	60 +24
2	Shree Bhavani Textile Processors Pvt. Ltd.	Tamilnadu	40
3	TheniGurukrishna Textile Mills Pvt. Ltd.	Tamilnadu	25
4	The Coimatore Pioneer Mercerising	Tamilnadu	20
5	Krishna Mercerise	Tamilnadu	5
6	Chemicals India	Maharashtra	75
7	F. M. Hammerle Textiles Limited (OSWAL)	Maharashtra	60
8	Nandan Denim Ltd.	Gujarat	175
9	Meena Prints Pvt. Ltd.	Gujarat	10
10	Vijya Printers (S K Print)	Gujarat	10
11	OM Yarn Plus Pvt. Ltd.	Punjab	75
12	Tulsi Cotton Mills Pvt. Ltd.	Rajasthan	5



AGITATED THIN FILM DRYER (ATFD)

Welcome to the world of Agitated Thin Film Dryer (ATFD) and other heat transfer equipments. Ketav Consultant leads by virtue of superior engineering design capabilities, manufacturing excellence and a project based approach committed to deliver high performance total evaporation solution customized to our client requirement.

Ketav Consultant offer ATFD as a single point solution for all kind of drying application. Our ATFD's are running smoothly for production and effluent purpose in chemical Pharma, Textile , Food and Beverage Industries.

OPERATING PRINCIPLE :

- ▶ ATFD stands for evaporation of water/solvents to make concentrated liquid to dry powder or flakes.
- ▶ ATFD is the ideal apparatus for continuous processing of concentrated material to dry solids. ATFD consist of cylindrical , vertical body with heating jacket and a rotor inside of the shell which is equipped with rows and pendulum blades all over the length of the dryer. The hinged blades spread the wet feed product in a thin film over the heated wall.
- ▶ The turbulence increases as the product passes through the clearance before entering calming zone situated behind the blades as the heat will transfer from jacket to main shell under the smooth agitation water/solvent will evaporate and liquid will convert to slurry, to cake or to dry powder or flex.
- ▶ The vapors produced rise upward, counter-currantly to the liquid and pass through Cyclone separator mounted of vapor outlet of ATFD.
- ▶ Further these vapor will be condensed in condenser and recovered as condensate. System will be Operated under vacuum for temperature sensitive products and atmospheric condition for normal drying.



APPLICATIONS :

ATFD systems are used in Pharma Industries, Textile Industries, Agro Chemicals Industries , Sugar Industries And Effluent Treatment Plant. Drying of products, Drying of concentrated liquid for salt recovery, Drying of Chemical and petro chemical products to recover the powder

ATFD SELECTION CRITERIA :

Ketav Consultant offers following basic models of ATFD's

Area (m ²)	Diameter(mm)	Total Height(mm)
3	400	3800
5	500	4750
10	710	6300
15	900	7700
20	1000	8300
25	1150	9100
30	1250	9700
40	1550	10750
50	1700	11550



Supply of Agitated Thin Film Dryer (ATFD) System

	Party Name	Place	Capacity(Kg/Hr)		Party Name	Place	Capacity(Kg/Hr)
1	Roquette Riddhi Siddhi Pvt. Ltd.	Karnataka	650	48	Leo Tex Industries	Gujarat	455
2	Shree Gluco Biotech Pvt Ltd	Karnataka	2000	49	Rukul Industries	Gujarat	455
3	Amphenol Interconnect India Pvt. Ltd.	Karnataka	160	50	Honda motorcycle & Scooter India Pvt Ltd	Gujarat	94
4	Roquette Riddhi Siddhi Pvt. Ltd.	Gujarat	750	51	Bajaj Healthcare Limited	Gujarat	500
5	Unique Pharmaceutical Ltd.	Gujarat	500	52	Rallis India Ltd	Gujarat	1000 + 1000
6	Choksi Colours Pvt. Ltd.	Gujarat	1000	53	Ascent Fine Chem Pvt. Ltd.	Gujarat	200
7	Intas Pharmaceutical Ltd. -API	Gujarat	714	54	Orbit Pharma Laboratories	Gujarat	325
8	Raks Pharma Pvt. Ltd. -API	Gujarat	375	55	Huber Group India Pvt. Ltd.	Gujarat	5100
9	Ami Life Science Pvt. Ltd. -API	Gujarat	172	56	Concord Biotech Limited	Gujarat	1000 + 1000
10	Narayan Organics Pvt. Ltd.	Gujarat	400	57	Sunfrio Chemicals Pvt. Ltd.	Gujarat	1000 + 2400
11	Narayan Industries P Ltd	Gujarat	270	58	Pilot Industries	Gujarat	500
12	Amishi Drugs Pvt. Ltd.	Gujarat	500	59	Unique Pharmaceuticals Laboratories	Daman	60
13	GSP Crop Science Ltd.	Gujarat	500	60	Dicitec Home Furnishing Pvt. Ltd.	Maharashtra	298
14	Pranav Chemicals.	Gujarat	750 + 750	61	Konark Fixtures Ltd. (Kolhapur) Nagrika Site	Maharashtra	230
15	Vishal fabrics Ltd. (Chiripal Group)	Gujarat	75	62	Vishawat Chemicals- RO Chem	Maharashtra	50
16	Siddhi Weaves Pvt. Ltd.	Gujarat	500	63	Technocraft Industries Ltd.	Maharashtra	500 + 600
17	Amarjyot Chemical Ltd.	Gujarat	250	64	Paramount Minerals & Chemicals Ltd.	Maharashtra	357
18	Unison Pharmaceuticals Ltd.	Gujarat	228	65	CEAT Specialty Tyres Ltd.	Maharashtra	52
19	Goodluck India Ltd. (Goodluck Metals)	Gujarat	342	66	Suyash Organics Pvt. Ltd.	Maharashtra	1000
20	Pentaaqua Pvt. Ltd.	Gujarat	125	67	Thermax Ltd. (For Sterlite Technologies Ltd.)	Maharashtra	100
21	Jay Chemical Industries Ltd.	Gujarat	700 + 1000	68	Exide (Rochem)	Maharashtra	130
22	Jackson Chemical Industries.	Gujarat	1000	69	Speciality Industrial Polymers & Coating	Maharashtra	100
23	Ramdev Chemicals Pvt. Ltd.	Gujarat	599	70	Odyssey Organics Pvt. Ltd.	Maharashtra	1000
24	Minol Acids & Chemicals Private Limited	Gujarat	1000	71	Alchemy Chem Pvt. Ltd.	Maharashtra	100
25	Stallion Laboratories (Pvt.) Ltd.	Gujarat	125	72	Jakharia Industries	Maharashtra	200
26	Naroda Enviro Projects Pvt. Ltd. (NEPL)	Gujarat	1000	73	Resins & Plastics Ltd	Maharashtra	200
27	Kaival Chemicals Pvt. Ltd.	Gujarat	500	74	J P Laboratories Pvt Ltd	Maharashtra	300
28	J. B. Chemicals and Pharmaceuticals Ltd.	Gujarat	133	75	Innova Pharmactive Pvt. Ltd.	Maharashtra	125
29	Sintex Industries Limited	Gujarat	1150	76	Bhumi Associates	Maharashtra	150
30	Dynemic Products Ltd.	Gujarat	500	77	Sona Processor India Ltd.	Rajasthan	500
31	Bliss Industries	Gujarat	500	78	Sona Spinning Ltd.	Rajasthan	500
32	Parikh Enterprise	Gujarat	1000	79	Puja Spintex Pvt. Ltd.	Rajasthan	350
33	Bhilosa Industries Pvt. Ltd.	Gujarat	500	80	Ranjan Fabrics Private Limited	Rajasthan	350
34	Gulbrandsen chemicals Pvt Ltd	Gujarat	750	81	Sarvodaya India Ltd.	Rajasthan	350
35	Abhinav Industries	Gujarat	500	82	TPL Industries Ltd.	Rajasthan	350
36	Amar Jyot chemical Limited	Gujarat	2000	83	Sangam India Ltd.	Rajasthan	1000
37	Ronak Chemicals	Gujarat	700	84	Sangam Spinning Ltd.	Rajasthan	1250
38	Meghmani LLP	Gujarat	2500	85	Anant Spintex Pvt. Ltd.	Rajasthan	500
39	Elixir Pharma	Gujarat	500	86	Armani Industry India Pvt. Ltd.	Rajasthan	250
40	Shivalik Rasayan Ltd.	Gujarat	500	87	Bhavik Terryfab.	Rajasthan	750
41	Shree Ganesh Remedies Ltd.	Gujarat	500	88	Choksi Heraeus Pvt. Ltd.	Rajasthan	275
42	Concord Biotech Ltd.	Gujarat	700	89	Kian Chemicals Ltd.	Rajasthan	1000
43	Reva Enterprise	Gujarat	200	90	Minaxi Industries	Rajasthan	100
44	Endoc Lifecare Pvt. Ltd.	Gujarat	225	91	Murliwala Industries	Rajasthan	100
45	Shreeji Industries	Gujarat	1200	92	Mohit Industries	Rajasthan	100
46	Kohinoor Colours Pvt. Ltd	Gujarat	450	93	Meekaj Techno App Services	Punjab	500
47	Mavani Chemicals Pvt. Ltd.	Gujarat	650	94	OM Yarn Plus Pvt. Ltd.	Punjab	150

Supply of Agitated Thin Film Dryer (ATFD) System

Party Name	Place	Capacity(Kg/Hr)	Party Name	Place	Capacity(Kg/Hr)
95 Nectar Lifesciences Ltd	Punjab	1000	116 Jama Corporation Ltd.	Uttar Pradesh	500
96 Florence Shoe Company Pvt. Ltd.	Tamilnadu	78	117 Grasim Industries Ltd.	Uttar Pradesh	850
97 Pioneer Processing India Pvt. Ltd	Tamilnadu	500	118 ACC Ltd. (Unit –Tikaria)	Uttar Pradesh	514
98 Clifton Export Pvt. Ltd.	Tamilnadu	500	119 Mahavir SpinFab Pvt. Ltd.	Uttar Pradesh	175
99 Kunnankalpalayam CETP Pvt. Ltd.	Tamilnadu	500	120 Oren Hydro Carbon Pvt. Ltd.	Andhra Pradesh	857
100 Nectarcrafts Pvt. Ltd.	Tamilnadu	250	121 Bhagiradha Chemicals & Industrial Limited	Andhra Pradesh	1100 + 1100
101 Sri Varshini Knit Printers.	Tamilnadu	150	122 Grasim Industries Ltd. (Aditya Birla)	Madhya Pradesh	850
102 Andipalayam CETP Pvt. Ltd.	Tamilnadu	500	123 Maral Overseas.	Madhya Pradesh	50
103 Shalimar Tannery Company.	Tamilnadu	66	124 ACC Ltd. (Unit –Kymore)	Madhya Pradesh	514
104 Habeeb Tanning Company	Tamilnadu	30	125 Tirupati Starch and Chemicals Ltd	Madhya Pradesh	750
105 L&T Ltd.(For Ford Motor Company Ltd)	Tamilnadu	44	126 Unidrug Innovative Pharma Technologies Ltd.	Madhya Pradesh	250
106 Jackson Textiles	Tamilnadu	250	127 SRF Limited	Madhya Pradesh	200
107 Point Textile Pvt. Ltd.	Tamilnadu	500	128 Malwa Oxygen & Industrial Gasses Pvt Ltd	Madhya Pradesh	800
108 The Soft Tex Processing Mills	Tamilnadu	500	129 Symbiotec Pharmalab Pvt. Ltd.	Madhya Pradesh	225
109 Thirumalai Chemicals Ltd.	Tamilnadu	600	130 Bhilai Engineering Corporation (BEC)	Chhatishgarh	232
110 Shri Sai Tex Processors	Tamilnadu	500	131 ACC Ltd. (Unit – Jamul)	Chhatishgarh	514
111 Global Attire Pvt Ltd	Tamilnadu	700	132 Grasim Industries Ltd.(Aditya Birla)	Chhatishgarh	1500
112 Santhosh Textile Process	Tamilnadu	200	133 ACC Ltd. (Unit – Bargarh)	Odisha	514
113 KSK Tanning Company Pvt. Ltd.	Tamilnadu	500	134 Grasim Industries Ltd.(Aditya Birla)	Odisha	1500
114 T.M. Abdul Rehman & Sons	Tamilnadu	100	135 Shivalik Rasayan Limited	Uttarakhand	150
115 Letraco Kid Leather	Tamilnadu	100	136 Spica Laboratories Pvt Ltd	Telangana	125
			137 Uriel (Amara Breweries Pvt.Ltd - Punjab)	Kerala	370

SUPPLY MECP FOR PRODUCT CONCENTRATION

Party Name	Product	Place	Capacity(KLD)
1 Maize Products	Dextrose	Gujarat	100
2 Transpack Silox India Ltd.	Sodium Formate	Gujarat	40 + 20
3 Shivam Chemicals	Manganese sulphate	Gujarat	40
4 Milan Intermediate Pvt. Ltd	Concentration of Amino acid	Gujarat	40
5 Rohan Dyes & Intermediates Ltd.	Concentration of Amino acid	Gujarat	80
6 Jay Agro Industries	Manganese sulfate & Zinc Sulphate	Gujarat	20
7 Uma Chemicals	Sodium Thio Sulphate	Gujarat	20
8 Godrej Industries Ltd	Sodium Sulphate	Gujarat	15
9 Denisco Milk	Milk Concentration	Gujarat	10
10 K. Patel Chemopharma Pvt. Ltd.	Sodium Acetate	Gujarat	40 + 15
11 Dabur India Ltd	Sodium Chloride	Gujarat	10
12 Bini Chemicals	Sodium Sulphite	Gujarat	25
13 Nandolia Organic Chems Pvt. Ltd.	Sodium Sulphate	Gujarat	20
14 Ghanshyam Dudhiya	Milk Concentration	Gujarat	05
15 Pranav Chemicals	Product Concentration	Gujarat	80
16 Nandolia Chemical Pvt. Ltd.	Sodium Acetate	Gujarat	10
17 Nandolia Chemical Pvt. Ltd.	Sodium Sulphate	Gujarat	20
18 Royal Castor Products Ltd.	Sodium Sulphate + Glycerin	Gujarat	120 + 70
19 MDB Chemical (India)Pvt. Ltd.	Sodium Chloride	Maharashtra	15
20 Cytec India Specialty Chemicals & Minerals Pvt. Ltd.	Sodium Sulphate & Magnesium Sulphate	Maharashtra	10 + 04
21 Salvi Chemical Industries Ltd.	Ammonium Sulphate	Maharashtra	50
22 Subonoy Chemicals Pvt. Ltd	Food Product	Maharashtra	50
23 Western Drugs Ltd.	Ammonium Sulphate	Rajasthan	75
24 G N Organics Pvt. Ltd	Sodium Sulphate	Rajasthan	20
25 Shri Ram Industries Ltd. (DCM)	Ammonium Sulphate	Uttar Pradesh	75
26 Sarvani Minerals Pvt. Ltd.	Concentration of Phosphoric Acid	Andhra Pradesh	20

SUPPLY OF MEE PLANT IN DIFFERENT INDUSTRIES



VANITEC CETP LTD
630 KLD



TRIDENT LTD
550 KLD



INDIA PESTICIDES LTD
150 KLD



ROQUETTE RIDDHI SIDDHI
120 KLD



GRASIM INDUSTRIES LTD - 120 KLD



INTAS PHARMACEUTICALS LTD - 100 KLD



KUNNANKALPALAYAM CETP - 100 KLD



KONARK FIXTURES LTD.
70 KLD



ACC CEMENT
60 KLD



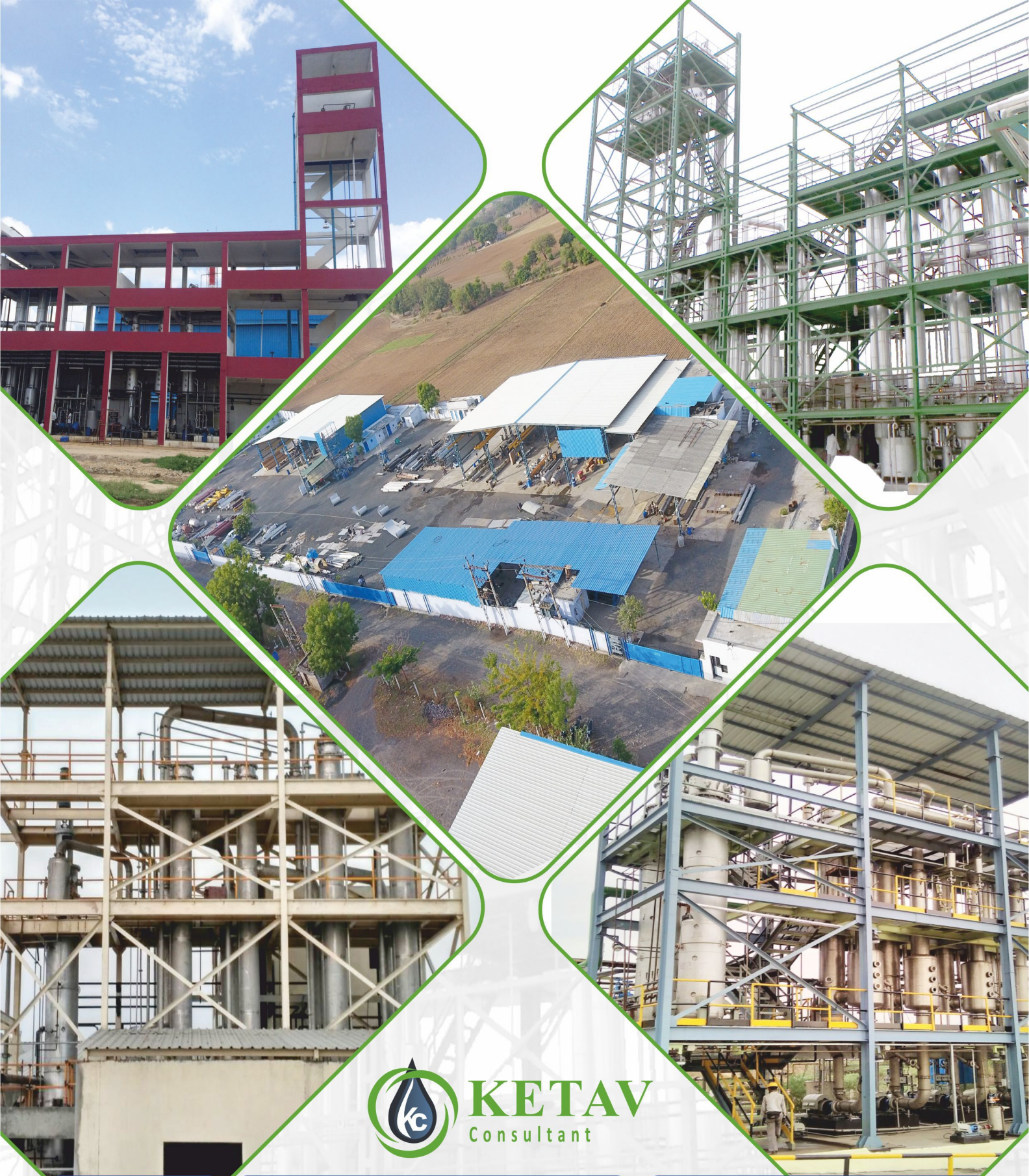
TVS MOTOR COMPANY LTD. - 50 KLD



THIRUMALAI CHEMICALS LTD.
600 KG / HR



HIGH TEMP
1.5 KLD



KETAV
Consultant



REACH US

Plot No. 21,25,26,27,28, Block No. - 518,
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