



Thai Acrylic Fibre Co., Limited

Aditya Birla Group - Thailand

Expansion Project - 2002

PRODUCTS / SERVICES LIST

A) TECHNOLOGIES

1. PRODUCTION OF ACRYLIC FIBRE

B) EQUIPMENTS

1. ACTIVATED CARBON
2. AGITATORS
3. AIR COMPRESSORS
4. AIR DRYERS
5. ALUMINIUM PLATES
6. ALUMINIUM REACTORS
7. ANTI CORROSIVE PAINTS
8. APRON AND TOW DRIERS
9. BEARINGS
10. CABLE GLANDS
11. CARBON STEEL & STAINLESS STEEL SHEETS AND PLATES
12. CARBON STEEL NUTS AND BOLTS
13. CARTRIDGE FILTER / FILTER CANDLES
14. CENTRIFUGE SEPARATOR
15. CHILLERS - WATER AND BRINE
16. CIRCUIT BREAKERS
17. CONDENSORS
18. CONTROL VALVES, FLUSH VALVES
19. COOLING TOWERS
20. COPPER TUBES
21. CPVC PIPES AND FITTINGS
22. CRIMPER & RECRIMPERS ROLLERS
23. CRIMPERS & RECRIMPERS
24. CUTTER BLADES
25. CUTTERS
26. DCS SYSTEMS

27. DENSITY METERS
28. DIAPHRAGMS VALVES
29. DM PLANT AND WATER TREATMENT PLANT
30. DP TRANSMITTERS
31. ELECTRICAL / MANUAL HOISTS
32. ELECTRICAL POWER CABLES
33. EVAPORATORS
34. FIELD INSTRUMENTS
35. FILTER LEAVES
36. FILTER PRESS
37. FIRE ALARM SYSTEM
38. FLAME RETARDANT CABLES
39. FLAME RETARDANT PAINTS
40. FLAT AND ROUND BARS CS AND SS
41. FLOOR SCALES
42. FLOW METERS
43. FORK LIFTS
44. GASKETS
45. GODET ROLLERS
46. HEAT EXCHANGERS
47. HOMO MIXERS
48. HOSES – STAINLESS STEEL
49. HT PVC PIPINGS AND FITTINGS
50. INSTRUMENT CONTROL CABLES
51. INVERTERS
52. LEVEL GUAGES AND LEVEL SWITCHES
53. LIQUID TRANSMITTERS
54. LOCAL CONTRL PUSH BUTONS
55. MEACHNICAL SEALS
56. MOISTURE METERS
57. NON WOVEN FILTER CLOTHS
58. ON/OFF VALVES WITH ACTUATORS
59. PANALARMS
60. PLC SYSTEMS
61. POWER CABLES
62. PRESSURE GUAGES
63. PUMPS
 - a. VACUUM PUMPS
 - b. UTILITY PUMPS
 - c. METERING PUMPS
 - d. PROCESS PUMPS
 - e. NON SEAL PUMPS
64. PVC PIPES AND FITTINGS
65. PVDF BALL VALVES
66. ROTARY VACUUM FILTERS

67. RUBBER EXPANSIONS BELLOWS
68. RUBBER ROLLERS
69. SHAFTS AND GEARS
70. SIDE SCREEN FILTERS
71. SIGHT GLASSES
72. SOLENOID VALVES
73. SPINNERETES
74. SPINNING MACHINE FOR ACRYLIC FIBRE MANUFACTURING
75. SS WIRE MESH
76. STAINLESS STEEL - SS316L / CARBON STEEL FITTINGS & FLANGES AND PIPES
77. SEAMLESS PIPES - CARBON STEEL / ERW / SS
78. STAINLESS STEEL NUTS, BOLTS & STUDS SS304 / SS316L
79. STAPLE FIBRE BALER
80. STEAM MIXER
81. STEAM TRAPS AND STRAINER
82. STEAMERS
83. TEMPERATURE GAUGES
84. TOR STEEL AND REBARS
85. TOW BALER
86. TRANSMITTERS
87. UPS AND BATTERY CHARGERS
88. VALVES
 - a. GATE, GLOBE, CHECK AND BALL VALVES - CARBON STEEL / SS304 AND SS316L
 - b. BUTTER FLY VALVES - CAST IRON / CARBON STEEL / SS304 AND SS316L
 - c. DIAPHRAGM VALVES - SS316L
 - d. PLUG VALVES - STAINLESS STEEL / CARBON STEEL
89. VESSELS-FRP
90. WELDING ELECTRODES

C) CHEMICALS AND MATERIALS REQUIRED

1. ADDITIVES
2. AMMONIA
3. CO-MONOMERS
4. COOLING TOWER CHEMICALS
5. CORROSION CONTROL CHEMICALS
6. FERRIC CHLORIDE
7. FILTER CLOTHS
8. FILTER-AIDS
9. FINISH OILS
10. HYDROCHLORIC ACID
11. LIGNITE / COAL
12. MONOMERS
13. NITRIC ACID

14. **REDOX CATALYSTS**
15. **RESINS**
16. **SODIUM HYDROXIDE**
17. **SODIUM SULPHATE**
18. **SODIUM THIOCYANATE**
19. **SULPHURIC ACID**
20. **TITANIUM DI-OXIDE**

D) SERVICES

1. **CIVIL CONSTRUCTION**
2. **CLEARING AND FORWARDING**
3. **ELECTRICAL INSTALLATION**
4. **FABRICATION OF CARBON STEEL / SS304 & SS316L TANKS**
5. **FIRE ALARM MAINTENANCE**
6. **FIRE FIGHTING EQUIPMENTS SUPPLY AND SERVICES**
7. **FORK LIFT MAINTENANCE**
8. **FREIGHT AND FORWARDING OF AIR & SEA**
9. **INSTALLATION OF INSTRUMENTS**
10. **INSTALLATION OF INSULATION-MATERIAL**
11. **MECHANICAL ERECTION AND INSTALLATION**
12. **PAINTING WORK**
13. **PEST CONTROL**
14. **SAFETY SYSTEMS**
15. **TRANSPORTATION OF EQUIPMENTS**