



## LIST OF SELECTED PROJECTS EXECUTED BY PLANTECH

Sr. No.	Project	Owner	Client	Location	Scope of Work
1	2 X 120 KTPA Viscose Staple Fiber Plant	EPC Project Procurement Ltd., Hongkong	Sateri Viscose International, (Riau Andalan Paper & Pulp)	Kerinci Indonesia	<p>Complete Detailed Engineering for process plants (Viscose, Spinbath &amp; Spinning), BOP with pipe rack &amp; Tank Farm which includes</p> <ul style="list-style-type: none"> <li>• Process Engineering: Generation of P &amp; IDs from PFD's Line sizing, Equipment Data sheets etc..</li> <li>• Equipment Layouts.</li> <li>• Eqpt design and detailing @400 nos.</li> <li>• Structural engineering</li> <li>• Civil foundation layouts with loading data</li> <li>• Piping engineering @10000 lines</li> <li>• E&amp;I Engg including Cable tray sizing, tray routing, hookup specs, MCC lyts etc.</li> <li>• HVAC specification generation &amp; procurement assistance for the same.</li> <li>• Modelling in Autodesk plant 3D including intelligent PIDs.</li> </ul> <p>Total Engineering Man Hours : 99500</p>
2	2 X 120 KTPA Viscose Staple Fiber Plant	EPC Project Procurement Ltd., Hongkong	Sateri Viscose International, (Riau Andalan Paper & Pulp)	Kerinci Indonesia	<p>Value Engineering of the above</p> <p>Total Engineering Man Hours : 45600</p>
3	160 TPD Fiber Plant Line 4	PT. South Pacific Viscose, Indonesia	PT. South Pacific Viscose	Purwakarta Indonesia	<p>Complete Detailed Engineering for process plants (Viscose &amp; Spinbath) and pipe rack for Line 4 expansion which includes</p> <ul style="list-style-type: none"> <li>• Equipment Layouts refinements.</li> <li>• Eqpt design and detailing @50 nos</li> <li>• Structural engineering for platforms</li> <li>• Civil foundation layouts</li> <li>• Piping engineering @4000 lines</li> <li>• E&amp;I Engg including Cable tray sizing and routing.</li> </ul> <p>Total Engineering Man Hours : 30500</p>



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4	Wet Sulphuric Acid Plant, L5 Expansion	PT. South Pacific Viscose, Indonesia	PT. South Pacific Viscose	Purwakarta Indonesia	<p>Complete Detailed Engineering of plant based on basic engg by Haldor Topsoe.</p> <ul style="list-style-type: none"><li>• Equipment Layouts.</li><li>• Fabricated eqpt design and detailing</li><li>• RCC and structural bldg design and detailing.</li><li>• Piping engineering @1200 lines</li><li>• GRP/CS/SS duct design and detailing.</li><li>• E&amp;I Engg including Cable tray sizing and routing.</li><li>• 3D modelling in Cadison</li><li>• Expediting services for eqpt manufacturing orders of Client for Indian vendors.</li></ul> <p>Total Engineering Man Hours : 26800</p>
5	160 TPD Viscose Fiber Plant	Lenzing Nanjing Fibers Co Ltd., China	Lenzing Nanjing Fibers Co Ltd.	Nanjing, China	<p>Complete Detailed Engineering for viscose plant.</p> <ul style="list-style-type: none"><li>• Equipment Layouts refinements.</li><li>• Eqpt design and detailing</li><li>• Structural engineering for platforms</li><li>• Civil foundation layouts</li><li>• Piping engineering @2500 lines</li><li>• E&amp;I Engg including Cable tray sizing and routing.</li></ul> <p>Total Engineering Man Hours : 20000</p>
6	Spinbath Plant for 210 TPD Expansion	PT. South Pacific Viscose, Indonesia	PT. South Pacific Viscose	Indonesia	<p>Extension of earlier plant for capacity increase (sr. no. 3).</p> <p>Total Engineering Man Hours : 4950</p>



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7	Pipe Rack Expansion for Line 5	PT. South Pacific Viscose, Indonesia	PT. South Pacific Viscose	Purwakarta, Indonesia	Complete Piping Design & Detail Engineering for Pipe rack for Line - 5 expansion Total Engineering Man Hours : 10000
8	CFP Project	GSEC PV III A/c KNPC, Kuwait	ABJ Engineering, Kuwait	Kuwait	Design & Detail Engineering of pressure vessels. (17 nos.) Engg std : UOP Software for Design : Compress Total Engineering Man Hours : 2100
9	CFP Project	CB & I A/c KNPC, Kuwait	ABJ Engineering, Kuwait	Kuwait	Design & Detail Engineering of pressure vessels.(19 nos.) Engg std : UOP. Software for Design : Compress Total Engineering Man Hours : 2500
10	AL-Zone refinery Project	GSEC PV III A/c KNPC, Kuwait	ABJ Engineering, Kuwait	Kuwait	Thermal & Mechanical Design of heat exchangers. (50 nos.) Engg std : UOP. Thermal design in HTRI Total Engineering Man Hours : 1500
11	Senoro Gas Development Project	Pertamina-Medco E & P, Tomori Sulawesi	PT. Tripatra Engineers and Contractors	Indonesia	Design & Detail Engineering for the special equipment. SO <sub>2</sub> converter in a wet sulphuric Acid plant (Haldor Topsoe Technology) Dia 8 m X HT 10 m with catalyst trays design. Total Engineering Man Hours : 1200