

Coca Cola Pinya Water Treatment Plant#

Yangon, Myanmar

HydroScience Asia (HSa) and General Electric (GE) were selected by Coca Cola Pinya Beverages in Hmaybi Township, Yangon, Myanmar to engineer, procure and construct (EPC) a new 3,000 m³/day water treatment plant to supply process water for their bottling facility. The Coca Cola bottling facility produces a wide range of bottled beverages for sale and distribution throughout Myanmar.

The new water treatment plant takes water from local groundwater wells and treats it for a wide variety of beverage manufacturing processes in the Coca Cola Pinya bottling plant. Raw water is pumped from the wells to a raw water holding tank at the bottling facility. The raw water is then treated in Multi-Media Filters (MMF) and Granulated Activated Carbon (GAC) before further Reverse Osmosis (RO) treatment. After RO treatment the water is polished in an Ozone Contact Tank (OZ) prior to storage in a treated water storage tank for delivery to the bottling facility.

HSa's scope of work on this project included all mechanical installation including procurement of 304 stainless steel piping for process water. HSa also provided all electrical and instrumentation installation for the water treatment plant including SCADA system. HSa provided programming for the Programmable Logic Controller (PLC) and assisted with the start-up and commissioning of the new water treatment plant. All efforts in this project were closely coordinated with Coca Cola and General Electric. The plant was constructed to Coca Cola corporate quality standards and in compliance with strict Coca Cola corporate on-site safety requirements.

Client

Coca Cola Pinya Beverages

Services Provided

- Design
- Mechanical Installation
- Electrical and Instrumentation Installation
- Procurement
- Construction

Highlights

- Multi-Media Filtration of Groundwater
 - Activated Carbon Treatment of Raw Water
 - Membrane Treatment Technology
 - Design and Construction of Raw Water and Treated Water Storage Facilities
 - Providing High Quality Process Water for a Variety of Manufacturing Processes
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