



Applied Engineering & Consulting NV

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WE ELEVATE RELIABILITY

Applied Engineering & Consulting NV (APENC NV) is a licensed (Ministry of Trade & Industry in Suriname) and an independent engineering consulting firm in Suriname. APENC was founded in February 18, 2013 and is registered at the Chamber of Commerce & Industry of Suriname under registration number 59839. Beside designing of technical installations for buildings or processes, we also are specialized in Reliability and Maintenance engineering.

Purposes:

- Create awareness regarding “Reliability Excellence Engineering”
 - a. Increase equipment/systems/processes reliability
 - b. Continuous improvement on equipment/systems/processes; **increase safety and reduce operations & maintenance costs**

Mission

Support and assist our clients to become excellent in their work in order to meet World Class Performance.

Experience

Our skilled experts have lots of experience and knowledge, which was gained in the Alumina industry, mining industry and energy sector by executing several maintenance- and capital projects.

Services

- Mechanical engineering
- Steel structure design
- Electrical & Instrumentation engineering
- Reliability & maintenance engineering; preventive, predictive & condition monitoring maintenance, problem solving
- Re-engineering
- Civil engineering (additional)
- Design protection systems for processes/systems/equipment's
- Troubleshooting of equipment, electrical systems, hydraulic- and pneumatic systems, PLC, VFD, etc.
- Perform “Root Cause Failure Analysis” on equipment/systems/processes
- Lubrication- & vibration analysis & advice
- Advice on equipment installation and commissioning
- Advice on industrial repairs; static rotating equipment, storage tanks, pipeline, etc.
- Perform Energy Audits
- Advice on safety; fall protection, Tag out/Lock out, confined space, machine safe guarding
- Conduct training; maintenance & safety
- Industrial material sales; piping, valves, fittings, instrumentation & automation products, cables, E-motors, vibration sensors, online oil analysis products, etc.