

Contact

Cyberjaya, Selangor, Malaysia
+60 11 16 336 944 (Mobile)
alain.duribreux@gadz.org

www.linkedin.com/in/alain-victor-duribreux-a6b74445 (LinkedIn)

Top Skills

Engineering
AutoCAD
Microsoft Office

Languages

English (Native or Bilingual)
Malay (Elementary)
French (Native or Bilingual)

Certifications

European Welding Engineer (EWE)
International Welding Engineer (IWE)

Alain Victor Duribreux

Versatile Manager with a vast experience in energy, facilities management and environmental services. Looking for international opportunities.

Cyberjaya

Summary

Versatile Manager/Engineer with a vast experience in energy and environmental services.

Work rights for Malaysia.

Experience

Veolia Energy Gulf WLL - Abu Dhabi

Operations Manager

January 2018 - December 2019 (2 years)

Abu Dhabi, United Arab Emirates

Responsibilities

- Integrated Management System (ISO 9001:2015, ISO 14001:2015, ISO 50001:2011, OHSAS 18001:2007)
- Operation of the Saadiyat Island District Cooling System (15,000 RT of installed capacity, 2 Thermal Energy Storage, 3 underground networks with a total length of 15km, prestigious clients such as St Regis Hotel, Park Hyatt or the Louvre Museum, 1 operation engineer, 1 instrumentation engineer, 4 O&M technicians)
- Recruitment of engineers, technicians and operators for the new projects
- Operation of 2 small industrial sewage treatment plants (STP, 700m³/day and 1400m³/day, 1 supervisor + 4 O&M technicians)
- Assist the business development and project teams on new projects (STPs, hazardous liquid waste treatment, biogas to energy plant)
- Participate in the Regional Centers of Excellence (Water Quality, QHSE, Asset Management, Sewage Treatment Plants, Digitalization)
- Administration of the Computerized Maintenance Management System (CMMS, Maximo) and calculation of the maintenance KPIs
- Commissioning and operation of the Jebel Ali Hazardous Liquid Waste Treatment Plant (1 operation engineer, 1 lab technician, 2 O&M technicians, 3 operators)

Achievements

- Successful ISO 50001 certification in 2018 for the Abu Dhabi project

Veolia Energy Gulf WLL

3 years 6 months

QHSSE, ICT and Procurement Manager

January 2015 - December 2017 (3 years)

Bahrain

Veolia group is the global leader in optimized resource management. With 169 000 employees worldwide, the Group designs and provides water, waste and energy management solutions that contribute to the sustainable development of communities and industries.

Veolia Middle East has been providing the municipal, industrial and commercial markets with energy, water and waste management services ranging from seawater desalination, water distribution, sewerage maintenance, wastewater treatment, sanitary engineering, waste logistics, facilities management, building energy efficiency services and district cooling through multiple operational units under a variety of contractual schemes (DBO, BOOT, PPP, IWP, O&M) combining approximately 4,000 employees.

In Bahrain and Abu Dhabi (U.A.E.), thanks to its team of approximately 50 members, Veolia Energy Gulf provides real estate developers and industries with district cooling and wastewater treatment in a spirit of service excellence.

Responsibilities (Bahrain and Abu Dhabi)

- Manage all QHSE related activities and one QHSE Engineer
- Manage all ICT related activities and one ICT Engineer
- Manage the procurement process and ensure compliance to the Veolia Group procedure
- Participate in the QHSE and Procurement Expert Groups at corporate level
- Veolia Group Security Correspondent for Bahrain

Achievements

- Successful triple certification in 2015 for the Abu Dhabi project
- Successful ISO 50001 certification in 2017 for the Bahrain project
- Rehabilitation and commissioning of the Bahrain Bay Sewage Treatment Plant (7,000 m³/day, Membrane Bio-Reactor, INOS drying filter press)
- Implementation of a laboratory in Bahrain for the STP and DCP water analyses

- 3 days training exercise on crisis management in May 2016 in Corsica (France) with the collaboration of the French special operations forces

QHSE Engineer

July 2014 - December 2014 (6 months)

Bahrain

Dalkia utilities is now Veolia

Dalkia Utilities Company W.L.L.

QHSE Engineer

March 2013 - July 2014 (1 year 5 months)

Bahrain

Responsibilities (Bahrain and Abu Dhabi)

- Develop and implement an integrated management system according to ISO 9001, ISO 14001 and OHSAS 18001 for the operation and maintenance of district cooling systems (about 50 employees)
- Provide advice and guidance to the company, its managers and staff on any regulatory aspects for QHSE.
- Provide the main source of training, advice and guidance to the company's managers & staff on QHSE matters.
- Monitor the company's operations, processes and procedures to ensure that they comply with HSE regulations.
- Investigate and report on accidents and related incidents, recommending any changes that may be necessary to ensure that the company complies with HSE regulations.
- Carry out a risk analysis for the company and recommend any changes that may be necessary.
- Review working practices and safety equipment to ensure that the company meets the requirements of insurers and other relevant bodies.

Achievements

- Successful triple certification in July 2014 for the Bahrain project

Dalkia International SA

Design Engineer/Technical Manager/Joint Survey Manager

June 2005 - April 2012 (6 years 11 months)

China, Malaysia, Singapore

Dalkia is a global leader in energy services and facilities management. In Asia, its activities include designing, building, operating and maintaining district heating and cooling systems, biomass and combined cycle power plants, and industrial and commercial facilities.

Responsibilities

- Monitoring fuel consumption, energy production and carbon emissions
- Modelling power plants or buildings energy and performing energy audits
- Implementing operation and maintenance programs and estimating associated costs
- Commissioning new systems and quality control for new piping construction
- Managing a team of 6 engineers in China
- Providing technical expertise for the different projects and clients

Achievements

- Creating a district cooling simulation, a maintenance costs estimation and an automated project monitoring software reducing by 90% the time spent on these tasks and which would otherwise be done by hand
- Designing systems and simulating cooling load profiles for various projects (KLCC, KLIA2, Hong Kong Kai Tak, ...)
- Designing small combined cycle power plants (up to 10MW) using biomass as a fuel, using the Thermoflow software
- Bidding for a facilities management contract for a major microelectronic manufacturing company (value of USD\$4.6 million per year) in Singapore
- Supervizing the construction and quality control of a 4km underground district cooling pipe network in Singapore Marina Bay
- Implementing the operation and maintenance programs and passing the ISO 9000 certification for the Guangzhou Higher Education Mega Center district cooling and hot water distribution Networks
- Performing the due diligence of the Kuala Lumpur City Centre Cogeneration Plant in Malaysia (electricity production with gas turbines and steam generation using waste heat boilers and gas fired boilers, the steam is then used in steam turbines to power chillers for chilled water production) and identifying USD\$7 million worth of refurbishment, funded by the client

BlueScope Steel (M) Sdn Bhd

Lead Design Engineer/Process Engineer

April 2004 - May 2005 (1 year 2 months)

Selangor, Malaysia

BlueScope is a flat steel producer for the domestic Australian, New Zealand and US markets, and is a leading international supplier of steel products and solutions, principally focused on the global building and construction industry.

The BlueScope Steel plant in Kapar features 3 manufacturing lines: a Zincalume metallic coating line (capacity 160,000 tons a year), a Colorbond paint coating line (capacity 70,000 tons a year) and a slitting line.

Responsibilities

- Designing and implementing plant modifications and upgrades
- Managing spare parts and rolls
- Improving the metal coating process
- Contributing to the health, safety and environment program

Achievements

- Modifying the furnace seal, reducing the metal coating line downtime due to seal issues, saving up to USD\$107,000 a year
- Doubling the sink roll life by using a tungsten carbide coating for the bearings instead of the usual stellite coating, decreasing by 50% the line downtime due to sink roll replacement
- Changing and strengthening the plant building structure to accommodate a new high efficiency premelt pot
- Designing handling and lifting gear for the different rolls and key equipment (100kg to 20tons capacity), eliminating handling hazards

Boccard (M) Sdn Bhd

QA-QC Manager

February 2001 - August 2003 (2 years 7 months)

Pahang, Malaysia

Boccard, a French piping manufacturer with a global presence, has a 10,000m² workshop in Kuantan able to produce up to 700 tons of piping a month with 250 workers.

Responsibilities

- Piping quality control and assurance
- Projects management and workshop operations
- Supervision and development of the welding processes
- Administration of the information technologies and in-house software
- Overseeing the health, safety and environment program

Achievements

- Designing and qualifying welding procedures for nickel alloys, hastelloys and titanium, increasing by 20% the scope of work for a maintenance contract and allowing for more project opportunities

- Increasing the automatic welding processes productivity by 10%
- Creating customized reports from the in-house piping traceability software database

Education

Ecole nationale supérieure d'Arts et Métiers / ENSAM

ENSAM Masters Degree, Mechanics · (1996 - 1999)

Ecole supérieure du Soudage et de ses Applications

ESSA Engineer Diploma, Welding · (1999 - 2000)