

TRAINER RATHINAM PROFILE



RATHINAM RENGASAMY has more than 30 years of working experience in Co-Gen Power Plant and Renewable Energy Power Plant Operation and Maintenance. i.e Steam Boiler, Steam Turbine, Gas Turbine, Water Treatment Plant and Balance of Plants.

He Graduated in Electrical and Electronic Engineering. He is also a DOSH Malaysia certified competent Engineer as 1st Grade Steam Engineer and 1st Grade Internal Combustion Engineer. In 2006, he furthered his post graduate education and obtained his post graduate in Engineering Management from University of Warwick U.K a collaboration program between University of Warwick United Kingdom and University of Technology Malaysia.

He has vast experiences and exposures in Operation and Maintenance of Thermal Power Plants, Renewable Energy Power Plants and also all kind of Plant equipments.

In 1994, he started his career in Kuala Langat Power Plant 720MW in the Operation division as control room operator and was promoted to Shift Charge Engineer. He has an extensive hands on exposure and experience in Operation and Maintenance of Gas Turbines, Steam Turbines, Waste heat Boilers, Biomass Boilers, Package Boilers, Demineralized Water Treatment Plant, Cooling Towers and inclusive other Balance of Plants. Moreover, he has to take charge of day to day efficient operation of the plant and liaise closely with Utility Board Tenaga Nasional Berhad, Gas Malaysia and Department of Occupational Safety and Health (DOSH) in accordance to statutory requirements.

In 2005, he ends his employment in Thermal Power Plant as Senior Shift Charge Engineer and furthered his career challenges as an industrialist in Renewable Energy Power Plants.

From 2006 to 2015 He undertook the next level of involvement in Renewable Power Plant EPCC O&M. He had successfully managed and completed many Boiler Plants for various general industries and Renewable Energy Power Plants. Being the pioneer in the Renewable Energy Industry, he managed three (3) Built Operate Transfer grid connected Biomass Power Plants in Malaysia with a total install capacity of 28.4MW namely 7.4MW Sunquest Biomass Power Plant in Jimah Port Dickson, 9MW Recycle Energy Power Plant in Semenyih, Selangor and 12MW MHES Asia Biomass Power Plant in Bahau, Negeri Sembilan.

From 2016 to 2020 he worked as a freelance trainer and a Certified Train the Trainer (TTT HRD. CORP) He is a power plant consultant and trainer, who develops and conducts training for Power Plants and also for Industries preparing their Engineers and Technicians for Boilerman, Steam Engineer and Internal Combustion Engine DOSH competency examination.

In June 2020 to Jan 2024, He signed contract with GE Power as Trainer and Coordinator. Successfully commissioned and completed Reliability Run and entered Commercial Operation for Tanjung Kidurong CCPP Block 1 and Block 2 consist of 2 x GT26 Gas Turbines, Generators, Heat Recovery Steam Generators (LP, IP & HP), 2 x 125MW Steam Turbine Water treatment plant, Waste Water Treatment Plant, Water Steam Cycle and Auxiliaries.

Developed and Implemented Plant Work Instruction for Tanjung Kidurong Combine Cycle Power Plant .

Successfully completed contract obligation trainings and Operator Simulator Trainings for customer Sarawak Energy Berhad and GE operators consist of 96 Operation Engineers and Technicians