



NATIONAL WATER SUPPLY & DRAINAGE BOARD

ASST.GENERAL MANAGER (ES)' OFFICE

Sri Darmarathna Mawatha, Ampara
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My No: NWSDB/RSC (E)/Gene/Ref/2026/01

Date: 19th January 2026

TO WHOM IT MAY CONCERN

Dear Sir,

Contract: Repairing, Installation, Testing and Commissioning of 800kVA Generator at Akkaraipaththu Water Supply Scheme

RSC(E)AGM(ES)/Q/S&I/GEN/O&M/AKP/2021/04
RSC(E)AGM(ES)S&D/SPARE/GEN/07M/AKP/2022/17
RSC(E)AGM(ES)/S&I/CBA/AKP/-PUMP/O&M/AKP/2023/45

This is to certify that Mermaid Solutions (Pvt) Ltd, No. 73, MJC Fernando Mawatha, Idama, Moratuwa, Sri Lanka, has successfully completed the complete overhaul, restoration, testing, and re commissioning of the Diesel Generator installed at the Akkaraipaththu Water Supply Scheme as per the above referenced contracts awarded to them..

GENERATOR / ENGINE DETAILS

Engine Manufacturer: Perkins – United Kingdom
Generator Set Brand: P800PI
Generator Capacity: 800 kVA
Engine Model: 400623TAG3A
Engine Type: Industrial Diesel Generator
Application: Standby and continuous power generation for water supply operations

Scope of Work Assigned:

The overhaul works included complete dismantling, inspection, supply and replacement of major engine components including the crankshaft, camshaft, engine oil pumps, complete control system components, and other critical mechanical and electrical parts. In addition, fuel system servicing, cooling and lubrication system refurbishment, precision measurements, load testing, operational performance testing, and final commissioning were carried out.

All spare parts used for the overhaul were supplied as genuine OEM Perkins components sourced directly from the United Kingdom and installed in accordance with manufacturer technical standards and service procedures.

Following completion of the overhaul, the generator has been operating satisfactorily, reliably, and within designed performance parameters under continuous operational conditions without abnormal vibration, overheating, leakage, or performance deviation.

As per the request of the National Water Supply & Drainage Board, Mermaid Solutions (Pvt) Ltd has issued a Five (05) Year Warranty covering workmanship and supplied components for the above overhaul works, subject to standard operating and maintenance conditions.

We further confirm that Mermaid Solutions (Pvt) Ltd possesses strong technical expertise, qualified and experienced engineering manpower, and the capability to execute complex industrial diesel generator overhaul works to high engineering standards.

Mermaid Solutions (Pvt) Ltd utilized specialized tools including precision measuring instruments, calibrated torque tools, lifting and alignment equipment, diagnostic and testing instruments, and OEM-recommended service procedures to ensure accuracy, safety, and quality of workmanship.

Their systematic methodology covering dismantling, inspection, defect rectification, reconditioning, precision assembly, testing, commissioning, and documentation demonstrates a high level of engineering discipline and quality control.

We confirm that the above generator overhaul was carried out strictly for National Water Supply & Drainage Board operational use only and that all supplied materials and services were utilized solely for this project and not for resale, transfer, or commercial distribution.

This Certificate is issued at the request of Mermaid Solutions (Pvt) Ltd for their reference purposes.

Thanking You

Yours Faithfully
For National Water Supply and Drainage Board



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Eng. T. Ismail
Chief Engineer(M&E)
East

Chief Engineer (M&E)
A.G.M. (ES) Office
NWS & DB
Ampara