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இலங்கை மகாவலி அதிகாரசபை  
பாரிய அணைகள் மற்றும் நீர்த்தேக்க நடவடிக்கை பிரிவு  
பொதுப்பு வாய்ந்த பொறியியலாளரின் காரியாலயம் -கொத்தமலை அணைக்கட்டும் நீர்த்தேக்கமும்

**Mahaweli Authority of Sri Lanka**  
**Division of Major Dams & Reservoir Operation**  
**Office of Engineer in Charge - Kotmale Dam & Reservoir**  
**Kadadora-Nayapana Janapadaya**  
**Gampola**

Telephone /Fax: +94 812 350430 / +94 812 350438

Email: [haomkotmale@gmail.com](mailto:haomkotmale@gmail.com)

Web: [www.mahaweli.gov.lk](http://www.mahaweli.gov.lk)

My Ref: DMD/KOT/EE/General

19/01/2026

TO WHOM IT MAY CONCERN

**END USER CERTIFICATE**

**Client Name:** Mahaweli Authority of Sri Lanka – Kotmale Dam & Reservoir

**Client Address:** Division of Major Dams & Reservoir Operation, Office of Engineer in Charge, Kotmale Dam & Reservoir

**Project:** Repair & service of 415 kVA DAM generator at the Kotmale Dam - Deutz Engine Overhaul & Restoration Project

**Contract Nos:** HW/KOT/2024/2380/23 & HW/KOT/2025/2384/07

**Purchase Order Nos:** 5810 & 5836

**Work Commencement Date:** 10/11/2024

**Recommissioning Date:** 04/10/2025

This is to certify that M/S Mermaid Solutions (Pvt) Ltd, No.73, MJC Fernando Mawatha, Idama, Moratuwa, Sri Lanka, has successfully completed the complete overhaul, restoration, and recommissioning of the engine and servicing of the alternator of our Diesel Generator at the Kotmale Dam as per the above references.

**ENGINE DETAILS**

Engine Manufacturer: KHD Deutz – Germany

Engine Model: BA8M816LLKU

Generator Coupled: ASEA Generator - Sweden

Rated Power: 358 kW @ 1500 RPM (394 kW overload)

Year of Manufacture: 1982

Total Operating Hours at Overhaul: 1,738 Hours

Application: Emergency and auxiliary power generation

Approximate Engine Age: 40+ years

Scope of Work: Complete mechanical overhaul of the engine, restoration, control system refurbishment, testing, calibration and recommissioning.

All spare parts required for the overhaul were procured directly from the original Deutz engine manufacturer in Germany by the contractor and installed as genuine OEM components.

**OPERATIONAL PERFORMANCE CONFIRMATION**

Following completion of the overhaul, the engine has been operating satisfactorily and reliably. During Ceylon Electricity Board (CEB) main power supply outages, the generator operated continuously without any faults and successfully supplied power to critical operations, with no interruptions or failures.

## **TECHNICAL CAPABILITY CONFIRMATION**

We hereby further confirm that M/S Mermaid Solutions (Pvt) Ltd possesses proven technical expertise, a team of suitably qualified and experienced engineering personnel, and the demonstrated capability to successfully undertake and complete complex diesel engine overhaul works in full compliance with recognized highest engineering and industry standards.

Mermaid Solutions utilized specialized tools and equipment, including precision measuring instruments, calibrated torque tools, engine lifting and alignment equipment, vibration analysis and diagnostic instruments, and OEM-recommended service procedures, to ensure accuracy, safety, and a high quality of workmanship.

Their systematic methodology covering dismantling, inspection, defect analysis, reconditioning, precision assembly, load testing, commissioning, and documentation demonstrates a high standard of engineering practice and effective quality control.

## **END USER DECLARATION**

We confirm that the above engine overhaul was carried out strictly for our own operational use, and that all materials and services supplied were utilized solely for this project and not for resale or transfer.

This End User Certificate is issued at the request of M/S Mermaid Solutions (Pvt) Ltd for official tender submission and regulatory purposes.

For and on behalf of the End User,

Authorized Signatory:

Name: Eng.R.M.S.S.R Rathnayake

Designation: Electrical Engineer

Organization: Mahaweli Authority of Sri Lanka.

Signature & Official Seal:



**Eng.R.M.S.S.R.Rathnayake  
Electrical Engineer  
Division of Major Dams &  
Reservoir Operation  
Mahaweli Authority Of Sri Lanka  
Kotmale Dam & Reservoir**

Date: 19/01/2026



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For and on behalf of the End User,

Authorized Signatory:

Name: Eng.R.M.S.S.R Rathnayake

Designation: Electrical Engineer

Organization: Mahaweli Authority of Sri Lanka.

Signature & Official Seal:

**Eng.R.M.S.S.R.Rathnayake  
Electrical Engineer  
Division of Major Dams &  
Reservoir Operation  
Mahaweli Authority Of Sri Lanka  
Kotmale Dam & Reservoir**

Date: 19/01/2026