

Certificate of Registration

This is to Certify that
Energy Management System of

TAGORE MEDICAL COLLEGE AND HOSPITAL

**RATHINAMANGALAM, MELAKOTTAIYUR CHENNAI - 600127,
TAMIL NADU, INDIA**

has been assessed and found to conform to the requirements of

ISO 50001:2018

for the following scope :

**IMPARTING EDUCATION SERVICES (MBBS AND MD/MS DEGREES), POWER
AND ENERGY OPTIMIZATION SYSTEM PROCESS AND RESOURCE
MANAGEMENT**

Certificate No : **22IEnLK68**

Initial Registration Date : 08/12/2022

Issuance Date : 08/12/2022

Date of Expiry : 07/12/2025

1st Surv. Due : 08/11/2023

2nd Surv. Due : 08/11/2024


Director



ACCREDITED
Management Systems
Certification Body
MSCB-119



AQC MIDDLE EAST LLC

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Key Location: A-60, Sector - 2, Noida, Uttar Pradesh, 201301, India.

*Validity of the Certificate is subject to successful completion of surveillance audit on or before of due date. (In case surveillance audit is not allowed to be conducted, this certificate shall be suspended/withdrawn).

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Certificate is the property of AQC Middle East LLC and shall be returned immediately when demanded



CERTIFICATE FOR ENERGY AUDIT

Certificate Number: PSQC130

This is to certify that, we have conducted an **ENERGY AUDIT** in **TAGORE MEDICAL COLLEGE AND HOSPITAL, Rathinamangalam, Chennai-600127, Tamilnadu** during 18/03/2021 – 19/03/2021. The Audit team has identified 07 Energy Conservation Proposals (ENCONs) and summary of the energy audit is given below.

Description/Year	2020-2021		
Annual Electricity Consumption (kWh)	1604661 kWh		
Annual LPG consumption (kg)	38,016 kg		
Summary of Energy Conservation (ENCON) Proposals			
Description	Parameters		
	Present	After	Savings
Annual Energy Consumption	20,73,168 kWh + 42,731 Kg of LPG	16,04,661 kWh + 38,016 kg of LPG	4,68,507 kWh + 4715 kg of LPG
Annual Energy Cost	223.85 lakhs	185.57 lakhs	38.28 lakhs
Simple Payback Period	-	-	1.5 years

Equipment's/Systems Audited

Electrical System	Thermal System
All major electrical equipment's	Inverter, UPS and battery system
Electrical Distribution system	Diesel, generators, pumps and motors
Lightings, Fans and Air conditioning system	LPG for cooking application
Rooftop solar PV system	

The detailed Energy Conservation Proposals are presented in the Audit Report.

Authorized Auditor

G. ARIVARASAN

BEE Certified Energy Auditor (EA-21875)

Lead Auditor – ISO 14001, EMS

P S QUALITY CERTIFICATION PVT. LTD.

(Consultancy – Accreditation & Certification) Auditing & Training

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DEAN
TAGORE MEDICAL COLLEGE & HOSPITAL
RATHINAMANGALAM, MELAKOTTAIYUR POST,
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