

Dr. Marudhappan Thirugnanasambandam

Profile:

- Mechanical Engineer Specialized in Energy Consumption and CO2 Emission Mitigation relevant to Industrial Sector
- Certified Energy Auditor / Energy Manager (BEE-Govt. of India)
- IRCA Accredited Lead Auditor - ISO 50001-2018
- QCI-NBQP (GoI) Accredited Lead Auditor – ISO 50001-2018
- 30+ years' Experience as Energy Auditor / Professor (Teaching Energy Subjects)
- 600+ Energy Audit Projects in industries
- 50+ Research Publications
- Completed Four Batches - Lead Auditor (IRCA) Training for ISO 50001-2018 EnMS
- Repute Clients: Vedanta, TNPL, BHEL, Kuwait Petroleum Corporation (KPC).



Key Skills:

- Conducting Detailed and Investment Grade Energy Audit
- Conducting ISO 50001-EnMS Audits as Lead Auditor
- Leading a Team of Auditors to conduct Site Audit
- Provide Lead Auditor Training on ISO 50001-2018
- Energy Data Analysis and conduct Energy Review
- Tutor for ISO 50001-2018 Lead Auditor /Internal Auditor/Implementer Skills Development and Guidance
- 600+ Energy Audit Projects completed as Certified Energy Auditor by BEE, Govt of India across India and overseas

Work Experience:

Associate Director - Energy | GSH India Pvt. Ltd Chennai India | Oct 2019 to Apr 2020

A facility Management Company having 125+ years of experience. Originated from UK and spread across globe.

- Conduct Energy Audit
- Interact with clients



- Conduct EnMS Audit and Document Preparation
- Involved in the process of getting ISO 50001 Certification
- Conducted 5 Detailed Energy Audits covering Auto, Govt and Tyre Industries

Chief Manager - Tech | National Small Industries Corporation (GoI) | Mar 1995 to Aug 2008

A Public sector Undertaking by Govt. of India providing technical support to MSME sector

- Pump Testing
- Diesel engine Testing
- Material Testing
- Energy Audit – 500+
- Over all Administration of the Centre
- Conducted 500+ Energy Audits
- Organised many seminar & Workshops to help MSMES
- Made the center profitable

Education & Qualifications:

Kalasalingam Academy of Research and Education Sri - Doctorate Degree Level 10 NFQ Energy Consumption and CO2 Emission Minigation in Industries - 2013

A doctoral Thesis on Investigation on Energy Consumption and CO2 Emission Mitigation in Industries

Bharathidasan University Trichy India - Master of Technology Energy Conservation and Management - 1991

A three Semester Post Graduate Technical course covering subjects related to Energy Conservation and Management, Thermal Engineering and Renewable Energy

Thiagarajar College of Engineering Madurai India - Graduate Mechanical Engineer Mechanical Engineering - 1986

A four year Professional Course (8 Semester) in Mechanical Engineering Subject



Additional Information:

Conducted 600 + Energy Audits

Conducted 3 batches of Lead Auditor Training on ISO 50001-2018

Conducted Remote Site Audits for ISO 50001-2018

Completed ISO 45001-Lead Auditor (IRCA) Course

Available for Travel across India and Overseas

Received good feedback from my trainees of ISO 50001-LA (IRCA) Approved

Training – IRCA Lead Auditor Transition Training ISO 50001-2018 [2020], IRCA LA Training on ISO 50001 - 2011 [2010]

Languages – English - Fluent in Writing, Reading and Speaking; Hindi- Fluent in Speaking; Tamil - Native

Interests:

Provide Lead Auditor Training offline/online on ISO 50001-2018

Provide IA Training ISO 50001-2018

Provide Implementer Training for ISO 50001-2018

Awareness Training/Foundation course for ISO 50001-2018

Conduct site Audits (Stage-1, 2, Certification and SA, Internal Audits)

Available for both online/onsite Training and Audit

