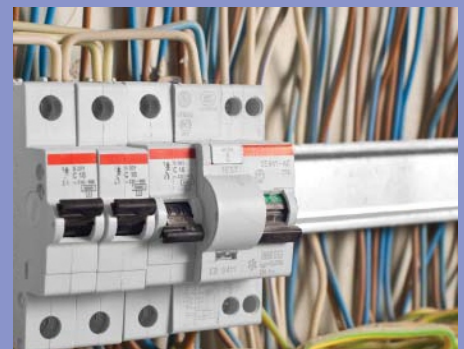
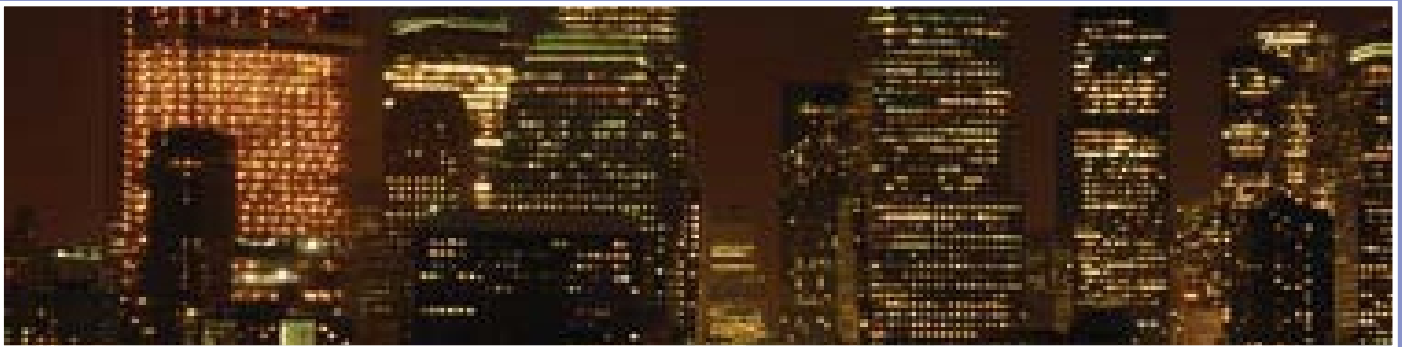


- MEDA Empaneled Auditor
- GEDA Empaneled Auditor
- Empaneled with BEE (Bureau of Energy Efficiency)
Ministry of Power, Government of India as Energy Service
Company (ESCO)



- Energy Audit
- Electrical Safety Audit
- Fire Safety Audit
- Indoor Air Quality Audit

AAR Consulting & services Pvt. Ltd. (AARCS) Company is a sister concern company Of Shetty Infrservices Pvt. Ltd. a well known leading service provider for operations & Maintenance.

AARCS believe in nurturing a strong safety culture and we put our continuous effort to provide our clients with a safe working environment.

We offer a comprehensive health, safety, environmental and risk management consultancy services for commercial buildings, manufacturing units, large industrial plants and of ce premises.

AARCS on has the capacity to present a powerful blend of technical, operational and business know-how integrated with sector-speci c regulatory and risk management skills. Our experience is available to support our client's ongoing safe and sustainable operation throughout the production cycle.

Our consultants have extensive experience and technical expertise that is highly valued across the industries. At AARCS we don't just practice and deliver health and safety services for clients, we also provide them with highly relevant and up-to-date education and training.

AARCS has introduced to give conceptual services.

It has a wider scope in Structural, Electrical, Mechanical, Public Health Engineering, Environmental Engineering, Fire Fighting & BMS. Designing, Consulting & auditing are the focused areas.

The new concept of services which is known as THS (Total Hardcore Services) which is introduced to give one point, lower risk & energy ef cient services.



Energy Audit

Electrical Safety Audit

Fire Safety Audits

Indoor Air Quality Audit

Total Hardcore Services (THS)

Client Support Services (CSS)

Repair & Maintance (R&M)

- Pre-Audit Questionnaire
- Audit
- Physical Inspection
- Tests
- Discussion
- Document review
- Management Briefing





Maharashtra Energy Development Agency

(Government of Maharashtra Institution)

Aundh Road, Opposite Spicer College Road, Near Commissionerate of Animal Husbandary,

Aundh, Pune, Maharashtra 411067

Ph No: 020-35000450

Email: eee@mahaurja.com, Web: www.mahaurja.com

ECN/2021-22/CR-07/1534

15th April, 2021

CERTIFICATE OF REGISTRATION FOR CLASS 'A'

We hereby certify that, the firm having following particulars is registered with **MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA)** under given category as "Energy Planner & Energy Auditor" in Maharashtra for Energy Conservation Programme of MEDA.

Name and Address of the firm : **M/s AAR Consulting & Services Pvt. Ltd.,**
26/D, Kamgar Nagar, S.G.Barve Marg,
Kurla (E), Mumbai-400024.

Registration Category : *Empanelled Consultant for Energy Conservation Programme for Class 'A'*

Registration Number : *MEDA/ECN/2021-22/Class A/EA- 02*

- Energy Conservation Programme intends to identify areas where wasteful use of energy occurs and to evaluate the scope for Energy Conservation and take concrete steps to achieve the evaluated energy savings.
- MEDA reserves the right to visit at any time without giving prior information to verify quarterly activities performed by the firm and canceling the registration, if the information is found incorrect.
- This empanelment is valid till **14th April, 2023** from the date of registration, to carry out energy audits under the Energy Conservation Programme
- The Director General, MEDA reserves the right to cancel the registration at any time without assigning any reasons thereof.

General Manager (EC)



GEDA

ગુજરાત ઊર્જા વિકાસ એજન્સી

GUJARAT ENERGY DEVELOPMENT AGENCY

A Government of Gujarat Organisation

Ref: GEDA/EC/EAC: Authorization/2021-22/ 3235

Date:14/10/2021

By registered A.D.

To,

AAR Consulting and Services Pvt. Ltd.

A6, Plot No.13, Mulund Audumber Society,

Mhada, Mulund East, Mumbai-400081

Subject: Authorization as Energy Audit Consultant of GEDA (October, 2021-2024)

Sir,

This is with reference to the above subject and your application for authorization as Energy Audit Consultants with GEDA. We are pleased to convey an approval of the Director, GEDA for granting authorization to **AAR Consulting And Services Pvt. Ltd.** as Energy Audit Consultant of GEDA, for a period of **three years ending on 31st October, 2024**. This authorization will be governed by the terms and conditions annexed herewith. Any changes, in the terms & conditions, made by GEDA during this period shall be binding to you unconditionally.

Details of **AAR Consulting And Services Pvt. Ltd.** as recorded in our office file are as shown in the table below. Changes, if any, may be intimated to us.

Name of the Consultant	AAR Consulting And Services Pvt. Ltd.
Chief Executive	Sh. Avin G Shetty
Telephone/Mobile No.	8424047986
Email ID	avin.s@aarcs.in
Specialization	Thermal & Electrical
Energy Auditor Details	Shripad V kale (EA-4593)

We look forward to your active participation in GEDA's upcoming EC Activities & Programs.

Thanking you.

Yours faithfully,

(Amita Pandya)

Sr. Project Executive

ચોથો માળ, બ્લોક નં. ૧૧ અને ૧૨ ઉદ્યોગભવન

સેક્ટર-૧૧, ગાંધીનગર - ૩૮૨ ૦૧૭.

4th Floor, Block No. 11-12, Udhogbhavan,
Sector-11, Gandhinagar-382017. India.

Ph. : 079-232 57251-53

Fax : +91 79 232 47097 57255

e-mail : director@geda.org.in

www.geda.gujarat.gov.in



ऊर्जा दक्षता ब्यूरो

(भारत सरकार, विद्युत मंत्रालय)

BUREAU OF ENERGY EFFICIENCY

(Government of India, Ministry of Power)



17/05/ESCO/22-23 / 4341 - 420

15th September, 2022

Shri Avin G. Shetty
Director

AAR Consulting and Services Private Limited
A6, Plot No.13, Mulund Audumber Society,
Mhada, Mulund East, Mumbai- 400 081

Sub: Empanelment of Energy Service Company (ESCO)

Dear Sir,

This has reference to your application for empanelment/ re-empanelment as an Energy Service Company with BEE in response to our advertisement for re-empanelment and fresh empanelment of ESCOs in the month of May, 2022.

Consequent to scrutiny and evaluation of your documents by SEBI accredited Grading Agencies CRISIL /CARE Advisory/ICRA Analytics/SMERA/ IRR Advisory in terms of the approved parameters for evaluation, BEE is pleased to inform that your company **AAR Consulting and Services Private Limited** has qualified for empanelment with BEE as a **Grade 4 Energy Service Company (ESCO)**. This empanelment would be effective from 16th August, 2022 and will be valid till 15th August, 2024.

Further, the list of all the empanelled ESCOs along with grade assigned is uploaded on its website (www.beeindia.gov.in) for use by State/Central government/Public Sector agencies as well as by any other agency interested in implementing energy efficiency projects on ESCO mode. Please acknowledge your acceptance to this letter.

Yours faithfully,

(Arijit Sengupta)
Director

स्वहित एवं राष्ट्रहित में ऊर्जा बचाएँ

Save Energy for Benefit of Self and Nation

चौथा तल, सेवा भवन, आर० के० पुरम, नई दिल्ली-110 066, वेबसाइट/Website : www.beeindia.gov.in

4th Floor, Sewa Bhawan, R.K. Puram, New Delhi-110 066 टेली/Tel.: 91 (11) 26766700 फ़ैक्स/Fax: 91 (11) 26766701

Primary focus of Energy Audit is to know the efficiency of the equipment or the system installed and to improve the efficiency. Energy Audit studies have been instrumental in saving 7.5% to 25% of resource costs.

To explore the options for reducing energy wastage
To create an Energy Roadmap for implementation of effective energy strategy.

To minimise the wear & tear of the equipment
To know the generation of green house gases or CFP level

To identify the design error/ occurring defects in the system

We have on board AARCS - A group of BEE Certified Energy Auditors - for conducting Energy Audits & verification of the savings realized by implementation of energy saving projects
Technical Expertise in Energy Audit

- Delivering smarter Energy management solutions
- Energy Audits
- Energy management solutions
- Power Quality & Electrical System Reliability Audits
- An independent energy solution company delivering long term customer value through innovative systems, strategies & concepts

AARCS strives for bringing economy, saving and long life for your assets by means of the right maintenance guidance and Superior class monitoring.



The study shall cover.

- Study of specific energy consumption –overall as well as individual tenants.
- Analysis of electricity bills.
- Thermography of key areas.
- Harmonic analysis.
- Cabling & Electrical distribution system.
- Motor loading analysis.
- Refrigeration & Air conditioning system.
- Air Handling Units.
- Fan coil units (Random Samplings – 10% of total).
- Compressed air system.
- Pumping system.
- Cooling towers.
- Illumination.
- Application of Renewable Energy
- Capacitors

Over 20% of fire world wide and 40% fire in India are due to faulty electric circuits. Electricity hazard continue to threaten safety of people and property in the form of shocks, burns, injury, fire and explosion. With electricity having become an indispensable part of our life, electrical risks are to be managed effectively.

In process industries, fires due to electrical reasons are very probable, especially in industries that handle flammable chemicals. In service industries such as information technology, telecommunications, business interruption losses due to electrical hazards (fire in server room, damage of expensive communication equipment, loss of data, fire in cable gallery, etc.) could be substantial.



Typical scope of study

- Verification of statutory compliance with respect to Indian Electricity rules
- Physical inspection to identify electrical hazards (shock, fire, explosion, overloading) and to suggest electrical safety solutions
- Review of plant lightning protection system (need, adequacy, installation and maintenance)
- Review of static electricity hazards in the plant operations (if applicable)
- Review of hazardous area classification and selection of flameproof electrical equipment in the plant, including maintenance aspects (if applicable)
- Review of electrical preventive maintenance system (including tests, documentation, history cards, etc).
- Review of electrical accidents and near misses in the plant to identify the root causes
- Review of electrical systems & procedures (work permits, interlocks, lockout tags, etc).
- Review of the importance given to electrical safety in the company safety policy, safety committee, continuous electrical risk identification, etc.
- Assessing the integrity of insulation of cables by carrying out insulation resistance tests on a sample basis
- Review of the earthing system (installation & maintenance aspects), including sample earth resistance test

Fire in any occupancy has potential to cause severe damages to both life and property. Fire Safety audit is found to be the effective tool for assessing fire safety standards of occupancy. It helps the owners to identify the areas for improvement and evolve an action plan, in addition to emergency preparedness and mock drills.

We help you in conducting Fire Safety Audits for High Rise Buildings as per National Building Code of India, 2005, The Indian Electricity Rules, 1956 and other relevant safety standards to identify all hazards for taking corrective & preventive actions. We also help you to prepare emergency plans for fire safety and conduct mock drills.



The main focus of these safety audits is:

- Identification & control of ignition sources in areas where flammable chemicals are stored / handled / transferred.
- Review of chemical compatibility in storage areas and to suggest appropriate fire loss control measures
- Review of electrical hazard which are potential of fire
- Review of fire detection measures adopted in the plant & to suggest suitable improvement measures
- Review of the various active (fire hydrant, sprinkler, portable fire extinguishers) and passive fire protection requirements for chemical storage and handling areas and to suggest improvements as necessary
- Review of Fire Alarm system and emergency fire system of plant
- Review of contractor safety awareness (chemical spill, fire fighting, emergency communication, knowledge of plant hazards & safety regulations) and to recommend suitable improvement measures to enhance contractor safety
- Review of safety awareness and safety training requirements (training identification and efficacy) of plant employees with respect to hazards present in the plant.

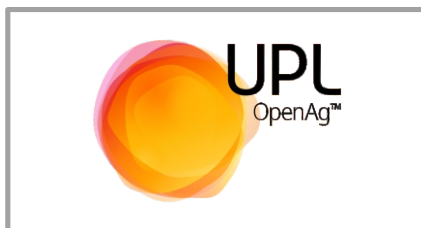
Indoor air quality testing is useful for testing the air for impurities. The testing process will help you to determine what is in the air from pollutants such as gases to toxic chemical fumes. It will give you the information you need to react to the pollutants and improve the air quality. Testing should be done in homes, businesses, and office buildings. The use of air filters and/or air purifiers will help maintain good indoor air quality.



The main focus of Benefits of Indoor Air Quality Checks:

- You can determine the Pollutants level in the air.
- You can determine if it is safe for people.
- Safeguard the building's occupants.
- You will meet federal guidelines.
- You can come to know how polluted air can get, and how easy it can be to resolve the situation.
- Action can be taken to rid the home/Office from pollutants, & what is essential for improving health and productivity.

List of our industrial clients



Prestigious Clients

AN ISO 9001-2015 CERTIFIED CO

List of our prestigious clients



Prestigious Clients

AN ISO 9001-2015 CERTIFIED CO

List of our prestigious clients



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E Mail ID s.kale@aarcs.in • sudhakar.s@aarcs.in

Mumbai • Pune • Goa • Gujarat • NCR • Bengaluru • Hyderabad