

Energy Auditing Services

www.saudisana.com



ABOUT OUR COMPANY

SANA, with a rich history spanning over 12 years, is a trusted leader in promoting sustainability and operational excellence. We offer a comprehensive suite of services, including Energy Auditing, Testing, Adjusting and Air Balancing (TAB) for HVAC systems, and Building Management System (BMS) integration solutions, all tailored to enhance energy efficiency, indoor comfort, and overall facility performance. Our NEBB certified experts are dedicated to maximizing energy efficiency and sustainability in your facility, while our ISO 9001: 2015 certification ensures the highest standards of quality and excellence. SANA is your committed partner in achieving your operational and sustainability goals.



VISION

As part of our commitment to **Saudi Vision 2030**, we align our efforts with the nation's goals for a more diverse and sustainable economy.



OUR COMMITMENT TO

- **A GREENER TOMORROW**

At **SANA**, we take our commitment to a cleaner, more sustainable future seriously. We're dedicated to reducing energy consumption and promoting a cleaner environment. Our services are designed to not only improve your facility's operations but also to reduce its environmental footprint.



OUR COMMITMENT TO

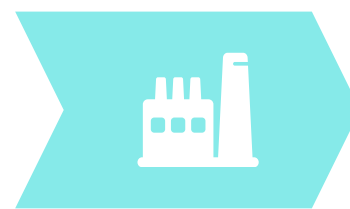
- **REDUCE YOUR ELECTRIC BILLS**

SANA is dedicated to cutting your electric costs. Our tailored, energy-efficient solutions save you money while promoting sustainability. Let's work together for a greener, cost-effective future, with savings that can range from **8%** to **25%** on your electric expenses.

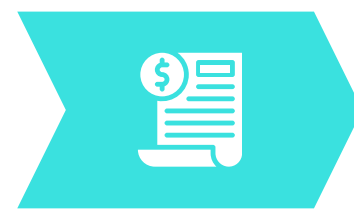


DEFINITION AND STAGES OF ENERGY AUDIT

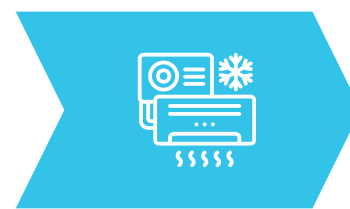
Energy audit is the process of examining the electrical and mechanical components in a facility to identify any energy wastage, and then proposing engineering solutions to reduce energy consumption.



Site Visit and
Initial Data
Collection



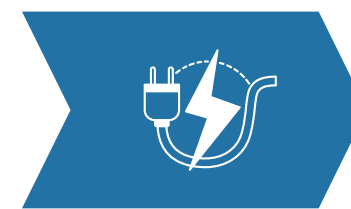
Electricity Bill
Analysis



Measuring
Actual
Equipment
Consumption



Measure
HVAC and
Lighting
Performance



Study and
Analysis of Energy
Conservation
Opportunities in
the Facility



Providing a
Detailed Report
with Energy
Conservation
Recommendations.



Implementing the
Applications
Specified in the
Energy Audit
Report
(Optional Service)

DETAILED REPORTING

Transparency and clear communication are our hallmarks. You'll receive comprehensive reports outlining our findings and recommendations, ensuring you are well-informed and equipped to make informed decisions.



CUTTING-EDGE TECHNOLOGY

At **SANA**, we stay at the forefront of technological advancements in the industry. We employ the latest tools and techniques for precise evaluation of energy usage in your facility and HVAC systems. Moreover, our expertise extends to optimizing lighting systems, ensuring that your energy efficiency is top-notch and your costs are minimized.



CORE EXPERTISE

- **HVAC System Optimization:**

Our Testing, Adjusting, and Air Balancing (TAB) management ensures the peak performance of heating, ventilation, and air conditioning systems.

- **Lighting Control Solutions:**

We enhance your facility's lighting efficiency, making sure you use energy only where it's needed.

- **Duct Cleaning Excellence:**

Certified by NADCA, our duct cleaning services maintain a clean and healthy environment.

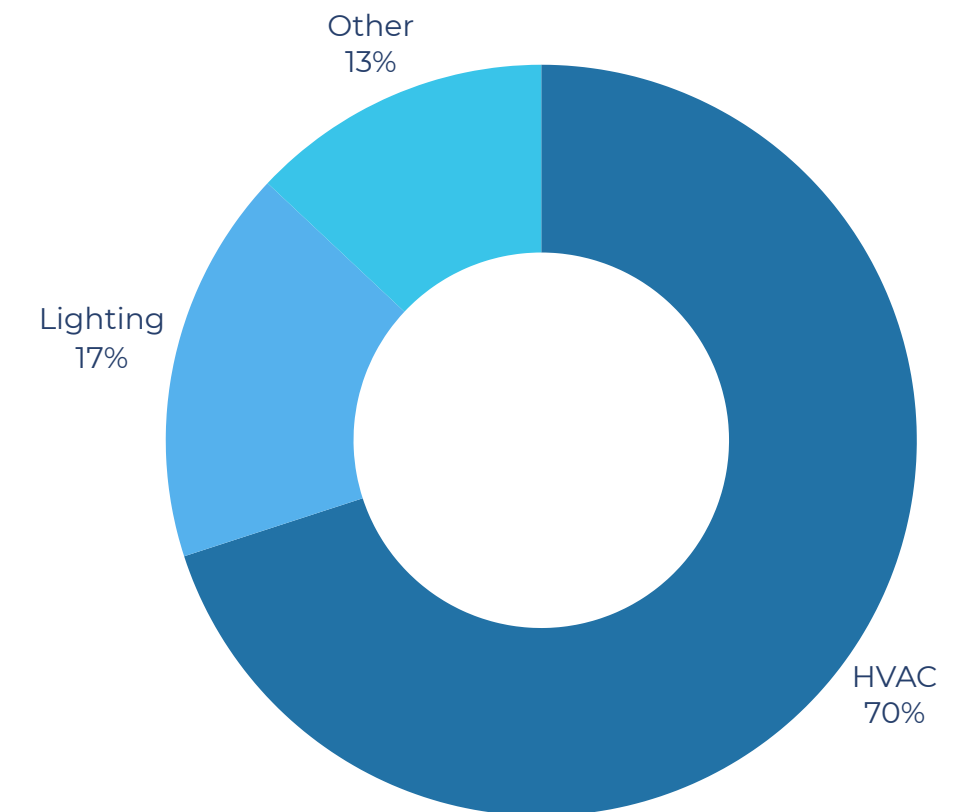
CORE EXPERTISE

Our **HVAC System Optimization**, managed through Testing, Adjusting, and Air Balancing (TAB), is a critical component in achieving the peak performance of your heating, ventilation, and air conditioning systems. HVAC systems are responsible for a substantial **70%** of a building's energy usage.

In addition, our **Lighting Control Solutions** play a pivotal role in improving your facility's energy efficiency. We ensure that lighting is utilized precisely where and when it's needed, minimizing energy wastage. Lighting typically accounts for **17%** of a building's energy usage. where these two systems represent **87%** of the energy consumption in the facility.

Our services not only contribute to the improved environmental sustainability of your facility but also yield substantial cost savings on your electricity bills. By optimizing these systems, you can expect to reduce your electrical bills by a significant margin. Post-implementation, you can achieve energy savings ranging from **8% to 25%**.

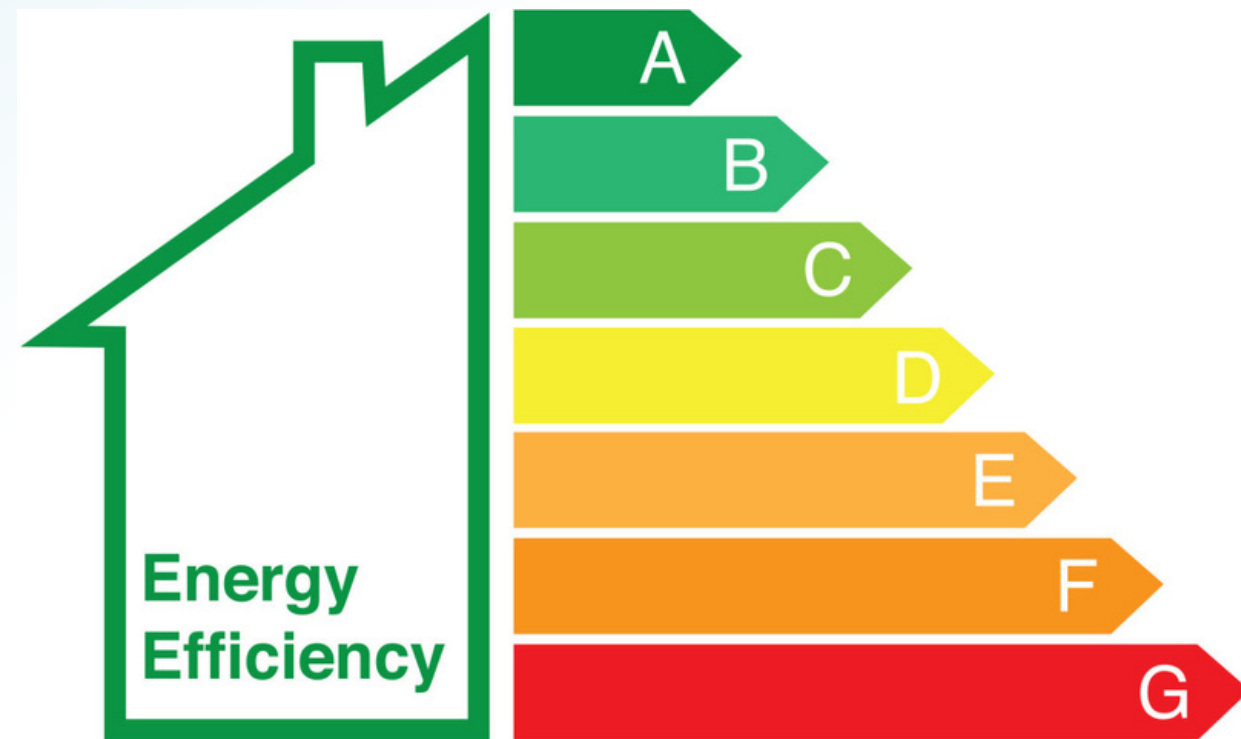
Incorporating these energy-efficient solutions not only benefits your facility's environmental impact but also positively impacts your bottom line by delivering tangible and measurable cost savings.



Source: King Abdullah Petroleum Studies and Research Center



OUR SERVICES



• ENERGY AUDITING

- ✓ Comprehensive energy assessments
- ✓ Identification of energy-saving opportunities
- ✓ Implementation strategies for efficiency improvements

• MEP TESTING & COMMISSIONING

- ✓ Verification of system performance and functionality
- ✓ Delivery of fully operational and optimized MEP systems
- ✓ Issue identification and resolution

• CONSULTATION AND RECOMMENDATIONS

- ✓ Personalized consultation with our experts
- ✓ Detailed recommendations for energy and HVAC improvements
- ✓ Guidance on cost-effective upgrades

• TAB FOR HVAC SYSTEMS

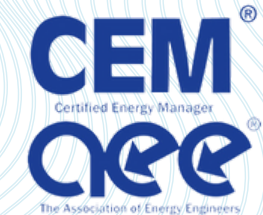
- ✓ Precision testing and balancing of air distribution
- ✓ Ensuring efficient HVAC system operation
- ✓ Improving indoor air quality and occupant comfort

WHY CHOOSE SANA ENGINEERING ?

- **NEBB Certified Professionals:** Our team comprises experts, including NEBB certified TAB specialists, guaranteeing high-quality services meeting the industry's highest standards.
- **NADCA & ISO Certified Professionals.**
- **Our Engineers Hold CEM Certified Energy Managers.**
- **U.S Green Building Council (USGBC) Membership.**
- **Customized Solutions:** We take your facility's unique needs into account, crafting tailored, cost-effective solutions.
- **Energy Savings:** Our energy audits pinpoint areas for savings, contributing to a more sustainable future



USGBC
MEMBER



CERTIFICATES

Membership Certificate



CERTIFICATE

*This is to Certify that the
Quality Management System
of*

SANA CREATIVE ENGINEERING SOLUTIONS AND SERVICES

Al-Falah District, Exit 07, Othman Bin Affan Road, Intersection
with Northern ring Road, P.O. Box 12474, 8595 Riyadh,
Kingdom of Saudi Arabia.

has been independently assessed and is compliant
with the requirements of

ISO 9001:2015

This Certificate is applicable to the following product or service ranges:
MEP Systems, Control Systems, HAVC Testing and Balancing,
Biomedical Engineering Systems and Trading of
Rosenberg Fans – Air Curtains

Certificate No.: SA91017A

Date of initial registration	21 December 2020
Date of this Certificate	21 December 2020
Surveillance audit on or before	20 November 2021
Recertification Due/ Certificate expiry	20 November 2023

This Certificate remains valid subject to satisfactory surveillance audits.



Director

For verification and updated information concerning the present certificate visit to www.lmscert.com
This Certificate is the property of LMS Certification Limited and shall be returned immediately when demanded.



IAS
ACCREDITED
Management Systems
Certification Body
MSCB132

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E-mail :- info@lmscert.com



LMS/FM/001/Q/REV06

CERTIFICATES

Membership Certificate



USGBC
MEMBER

SILVER

SANA AL-HANDASAH FOR ENERGY

USGBC MEMBER SINCE NOV 29, 2023

Is an active member of the U.S. Green Building Council, the foremost coalition of leaders working to transform the way buildings and communities are designed, built and operated. Our vision is that buildings and communities will regenerate and sustain the health and vitality of all life within a generation.

This membership was awarded on Nov 29, 2023.

PETER TEMPLETON

President & CEO

CERTIFICATES

Membership Certificate



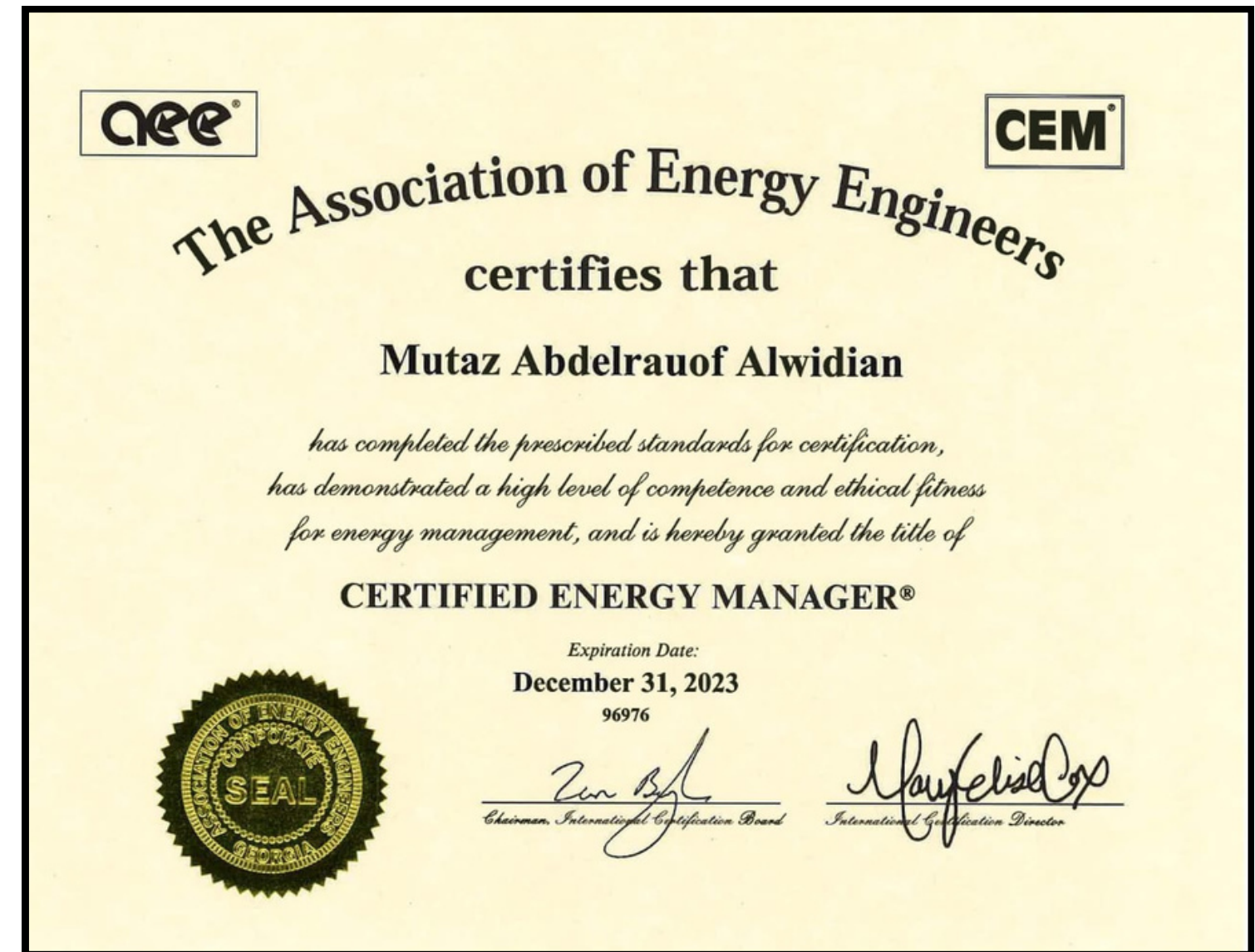
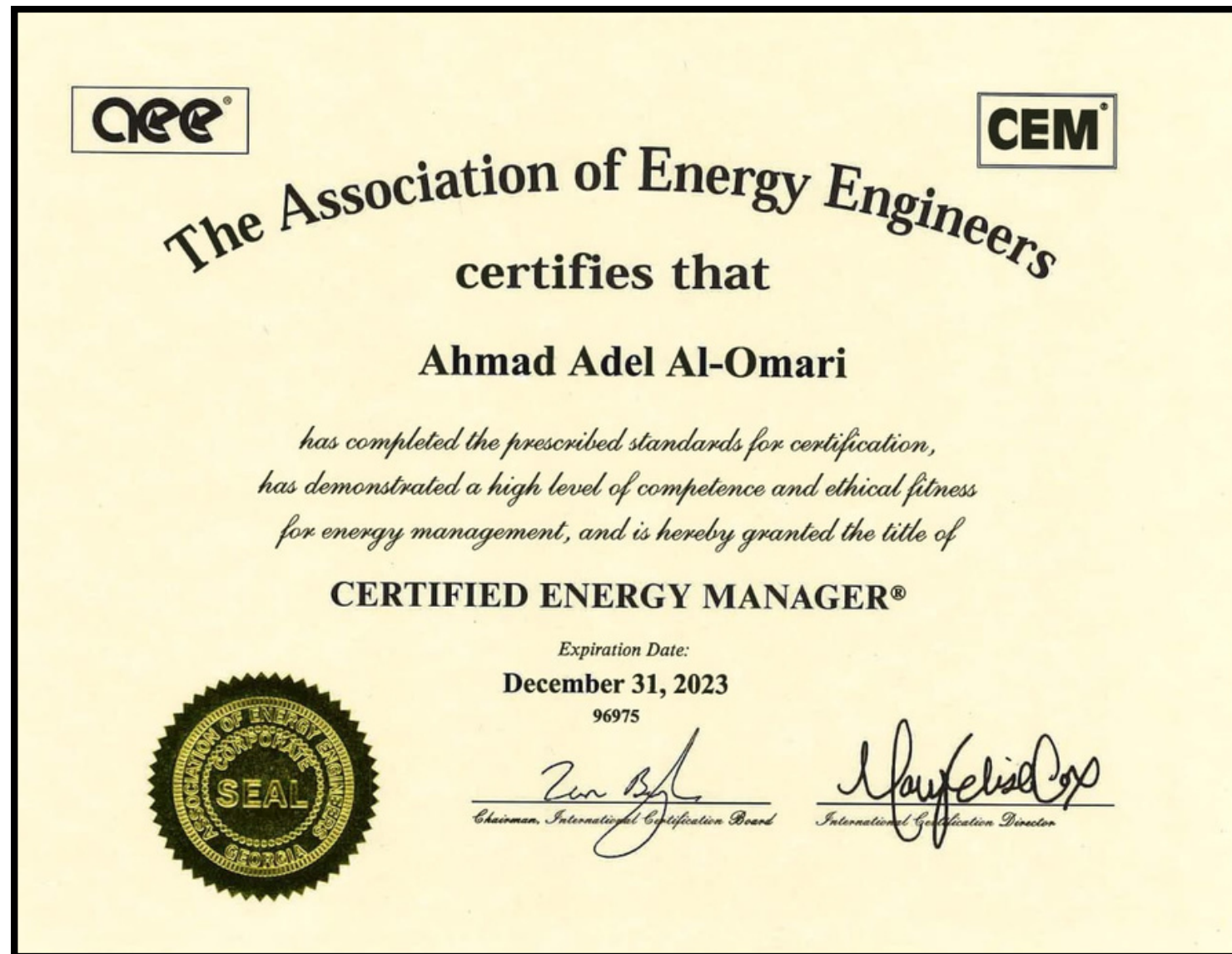
CERTIFICATES

From SANA Team Certificates



CERTIFICATES

From SANA Team Certificates



CERTIFICATES

Membership Certificate



CERTIFICATES

From SANA Team Certificates



A BRIEF OVERVIEW OF OUR PROJECTS.

Proudly highlighting our expertise in Energy Auditing Services, we seamlessly integrate state-of-the-art Building Management Systems to optimize energy efficiency, leading to cost reduction. This reflects our unwavering commitment to sustainability through advanced technology and ongoing improvements.

- King Fahad National Library
- King Fahad Medical City
- Royal Protocol Makkah
- IAFU Dammam University
- IPA Dammam
- SASO Dammam
- Royal Saudi Land Forces
- Royal Ceremony - KSA
- Umm Al Qura Makkah



A BRIEF OVERVIEW OF OUR PROJECTS.

Innovating for energy efficiency, our Testing and Balancing (TAB) projects ensure seamless integration of cutting-edge technologies, prioritizing energy-saving initiatives. Beyond project completion, our commitment persists, exemplifying a steadfast dedication to sustainable practices and ongoing energy conservation.

- STC Jeddah Data Center
- Mohammad Ali Abdul Latif Medical Center
- WWE TYSON GYM Project in Boulevard City
- King Faisal Hospital
- MADO RESTURANT
- Al Yamama Hospital



A DETAILED OVERVIEW OF ONE OF OUR PROJECTS

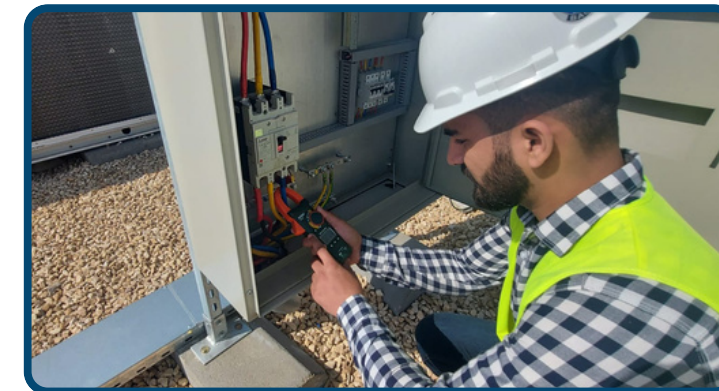
Top Up Aziziah - Riyadh (Jun-2023)

At **SANA**, we are excited to present our latest project accomplishment.

- **Scope of Work:** Energy meter audit for a commercial mall project to identify the reasons leading to an increase in consumption rates compared to other branches with the same area and the same occupancy rate, and to work on addressing these reasons.
- **Objective:** To investigate and address the causes of higher energy consumption compared to branches of similar size and occupancy.

This project underscores our unwavering commitment to energy efficiency and sustainable practices. SANA is dedicated to helping our clients optimize their energy usage, promoting a more environmentally responsible and cost-effective future.

OUR TEAM WORK



CONTACT US



| Working Hours

Sunday -Thursday
8:00 AM - 5:30 PM
Saturday
9:00 AM - 2:00 PM



| Contact Us

- Email : energy@sanaengineering.us
- Mobile : +966 58 007 8364



| Our Location

- Riyadh , Kingdom of Saudi Arabia
Othman bin affan Rd, Al-Falah Dist
- Abha , Kingdom of Saudi Arabia
King Fahad Rd, Al-Mowazafen Dist
- Jeddah , Kingdom of Saudi Arabia
Al-Safa, 7957 Um Al Qura
- Amman , Hashemite Kingdom of Jordan
- Maryland, United States
481 N Frederick Ave, Gaithersburg,MD 20877