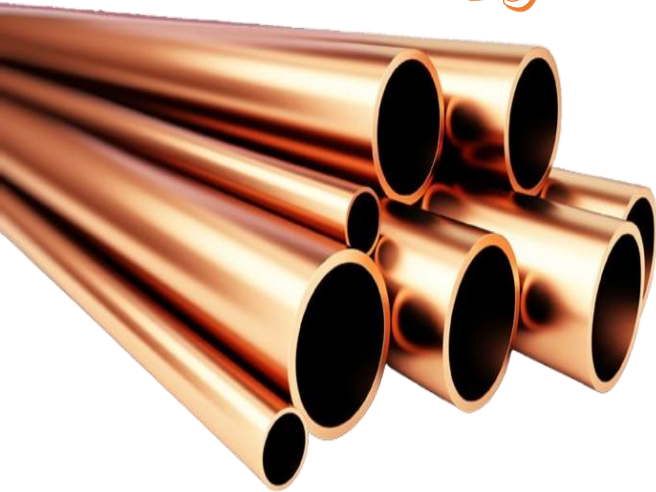




**ABBASI GREEN**  
CONTRACTING COMPANY

شركة عباسي الاخضر للمقاولات



**ISHTIAQ AHMED ABBASI**  
**+966 59 608 6868**





## ABOUT US:

Since the company was founded, we seek, we strive to be distinguished in everything from our projects, institutions, and affiliates, to the quality and speed of achievement that we are known for.

Our seamless organizational structure is adapted to the rapidly growing size of our business, and our long-term strategic plans with effective feasibility are what has been the overall goal of being a beacon in the contracting sector.

It remains an ongoing goal, and it is to his credit that achievement after achievement and year after year is truly a pride of all of us.

## OUR VISION:

Good leaders have vision and inspire others to help them turn vision into reality. Great leaders create more leaders, not followers. Great leaders have vision, share vision, and inspire others to create their own.”

We are committed in helping our clients find ways to reduce carbon emissions and thus reducing their operational costs. We are continuously striving to provide innovative technology based engineering solutions that are energy-efficient, cost effective and sustainable.





## **VISION:**

We strive to be a leading preferred partner in customer focused and innovative engineering solutions to clients nationally and beyond.

## **OUR MESSAGE:**

Adds the value of quality and mastery at every stage of construction through the latest advanced construction technology for the long-term quality and safety of buildings.

## **MISSION:**

We commit to partnering with our clients, to offer effective and efficient Engineering Services through our qualified, diligent and dedicated professionals.

## **VALUES:**

Trust, Respect, Ethics, Teamwork





## **SERVICES:**

Mechanical, Electrical & Plumbing Civil & Turnkey Fit out works Facility Management.

## **ACTIVITIES:**

Design, Supply & Installation

Technical Drawing Services

Energy Auditing & Retrofit Services Third Party Testing &

Commissioning Fit-out & Refurbishments Operations &

Maintenance Preventive Maintenance

Annual Maintenance Contracts



ABBASI GREEN  
CONTRACTING COMPANY





## **OUR PRINCIPLE:**

We are honest in all aspects and our contacts are transparent and frank

Is the cornerstone of our success and people strive to exceed your expectations  
By keeping pace with the progress of science and taking advantage of modern technologies, we are progressing

Our employees are our most important resources and their safety and comfort are our basic principles

## **EXECUTIVE CHAIRMAN'S STATEMENT:**

Peace, mercy, and blessings of Allah in the goal of believing in innovation are distinguished and proof of leadership. We challenge the constant with an innovative concept, building on the balance of our successes and the group of institutions and affiliates that enjoy great energies in order to develop and achieve the best results.

We care about all our valued customers as partners with us in enhancing the level of upgrading.

Our customer satisfaction is invaluable and we fully recognize its value as the bedrock of our practice philosophy. We are eager to perform our work and earn your trust by adopting professional ethics standards numbers and the best systems from start-up to after-sales services. Our adherence to it stems from our deep belief that our valuable wealth does not reveal our potential, but only from our clients' confidence.

Creative ideas appear anywhere. She always finds her land under the sky. Our belief in this philosophy has enshrined our success in developing distinct ideas.

Monitoring leading ideas requires searching for them where others don't see them. But our mission does not stop there, we work with professional experts to create ideas of our own, and we are keen to monitor every talk and draw new strategies and race ideas that enshrine our ambitious place in the world of construction.

With the creative ideas of in-depth research, we bring you a successful technique. We have the honor to put in your hands the finest work associated with your daily life. It is a great pleasure for me and my colleagues to have your satisfaction.

## **STATEMENT BY THE DIRECTOR GENERAL OF PROJECTS:**

The goal of construction derived from its good reputation through its tireless work and successful projects. By relying on high-quality standards, it obtained the classification of Saudi contractors and carried out a number of large-scale activities in full or in part what it owed to the nail of the court contracts inside and outside the eastern region.

We are proud of what we have done, and we are building on the future. We rely on a solid base to continue to succeed through the dedication of our management, our employees, and our workers under the banner of quality and mastery in everything.

## **MANAGING DIRECTOR'S STATEMENT:**

Since our founding, we seek to be distinguished in everything from our projects, institutions, and affiliates, to the quality and speed of achievement that we are known for.

Our seamless organizational structure is adapted to the rapid growth of the size of our business, and our long-term strategic plans with effective feasibility are what has been the overall goal of being a beacon in the contracting sector.

The goal of the establishment continues and it is His gratitude for achieving accomplishment after achievement and year after year that is truly a pride of all of us.

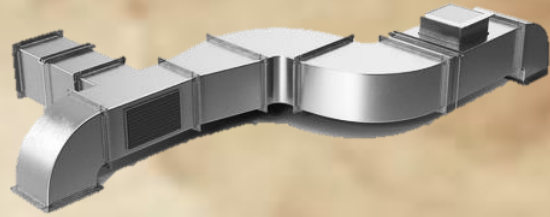
## OUR STRENGTH THROUGH PARTNERSHIP:

Abbasi Green Holding Company.

Abbasi Green Company for General Contracting.

Abbasi Green Company for Air Conditioning and Cooling.

Abbasi Green Company for Electrical & mechanical work.



## PRECEDENT OF CONTRACTING BUSINESS:

Construction Project Residential Building Floors Al Khobar, Al Qarabi Neighborhood.

Construction of 15 residential villas in Al Khobar, Al Azizia.

Construction of 3 gas stations of ADNOC in Dammam.

Construction and finishing of 2 villas in Dammam Al-Fakhra. Commercial Complex Finishing Project Al-Khobar Al Rakeh.

Construction and finishing of a residential villa in Dammam Al Khaleej Palace.

Construction and Finishing Project of Dammam Steele Stretcher Warehouse on Abudharyah Road.

Residential Villa Construction Project Al-Khobar Al-Rakah Residential Villa Construction Project in Al-Khobar Al-Azizia.

Residential Villa Construction Project Al-Khobar Al-Hazam Al-Ghazi Neighborhood.

## GENERATORS:

Installing and maintaining commercial and industrial generators is crucial for ensuring a reliable power supply to your business or facility. It's a process that requires careful attention to both safety and efficiency. Here's a breakdown of what you need to know:

## GENERATOR INSTALLATION:

### 1. Site Preparation:

**Location:** Ensure the area where the generator will be installed is clean, dry, and well-ventilated. Avoid areas that are prone to flooding or excessive heat.





**Space Requirements:** Verify that the generator's dimensions fit into the intended space and allow for sufficient airflow.

**Foundation:** The generator needs to be mounted on a solid, level foundation to reduce vibrations. Concrete is often used for this purpose.

## **2. Fuel Supply:**

Choose an appropriate fuel source (diesel, natural gas, etc.) based on your generator model

Ensure there's a safe, secure, and reliable fuel delivery system in place, including a tank of the correct size.

## **3. Electrical Wiring and Connections:**

**Transfer Switch:** Install an automatic or manual transfer switch to safely transfer power from the generator to your electrical panel when needed.

This is a critical safety feature to avoid back feeding electricity to the grid.

Proper wiring must be sized correctly to handle the generator's output.

## **4. Ventilation and Exhaust System:**

The exhaust system should be designed to expel fumes safely, with proper venting to the outside, away from doors or windows.

Sufficient air intake is needed to keep the engine cool.

## **5. Testing and Initial Operation:**

After installation, the generator should be thoroughly tested to ensure it operates within manufacturer specifications.

Run the generator under load conditions to make sure it handles the expected workload and remains stable.





## 6. Generator Maintenance:

Proper maintenance is crucial for extending the lifespan and performance of your generator. Here's a maintenance checklist to keep in mind:

### Routine Inspections:

- Perform visual inspections regularly to check for fuel leaks, loose connections, or signs of wear and tear.
- Check the air filter, fuel filter, and battery for corrosion or wear.

### Oil and Coolant Changes:

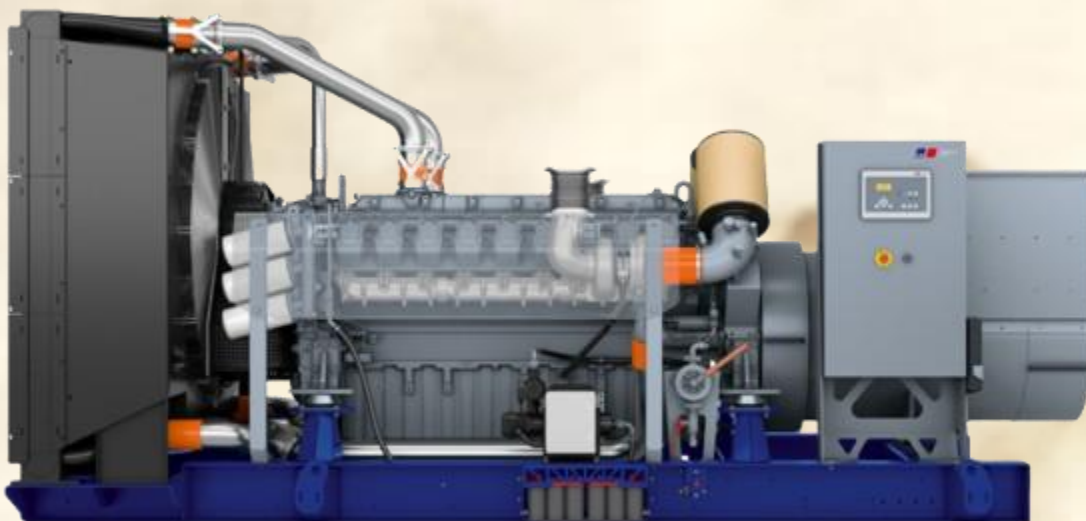
- Check coolant levels, and flush and replace coolant as needed to prevent overheating.

### Fuel System Maintenance:

- Inspect the fuel system for leaks and ensure the fuel tank is free of contaminants.
- If you're using diesel, be aware that fuel can degrade over time, so it's good to test and treat it if it's been sitting in storage for an extended period.

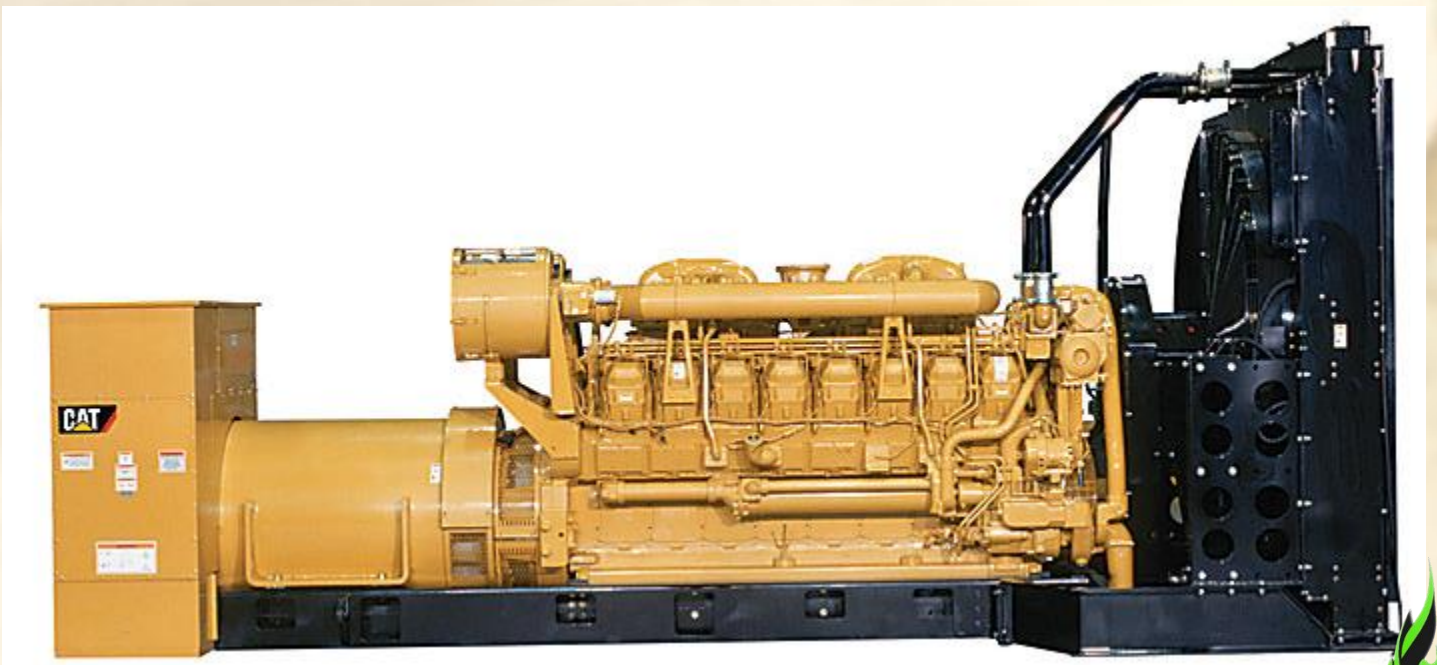
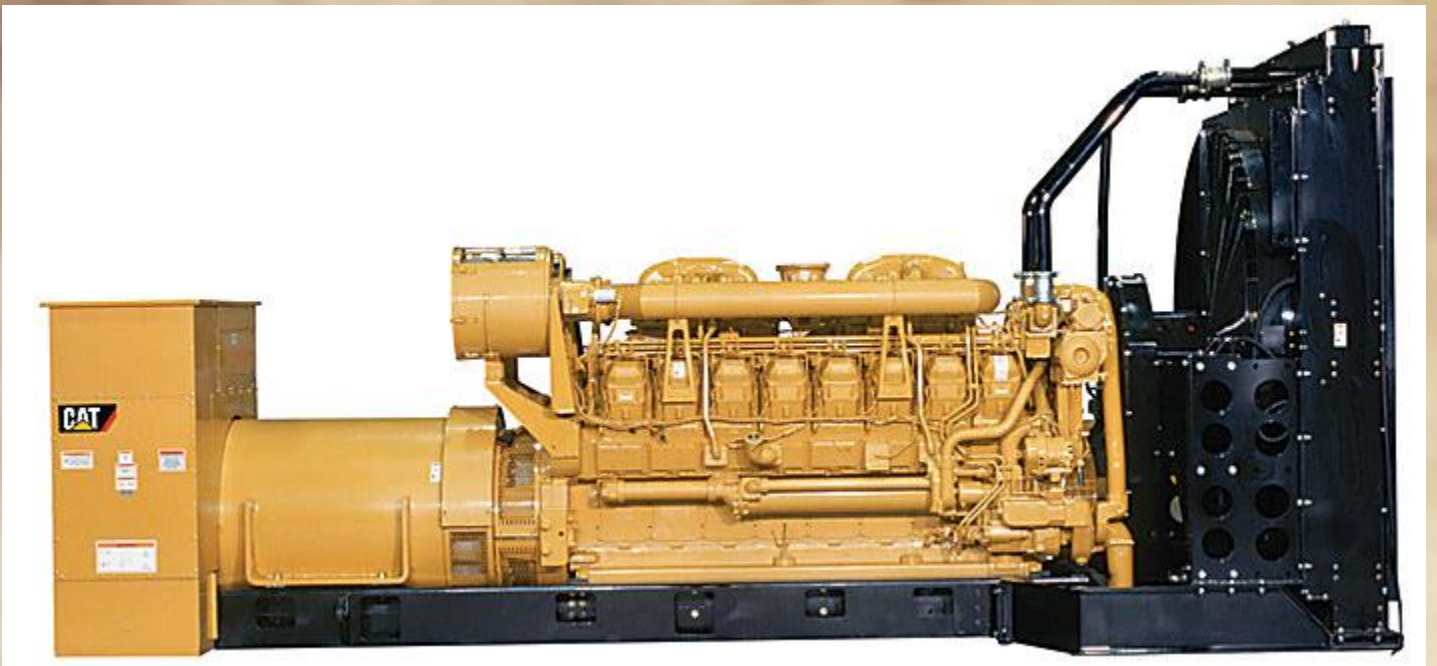
**(a)AVRS:**

**(b)DC load bank for testing autonomy of UPS:**

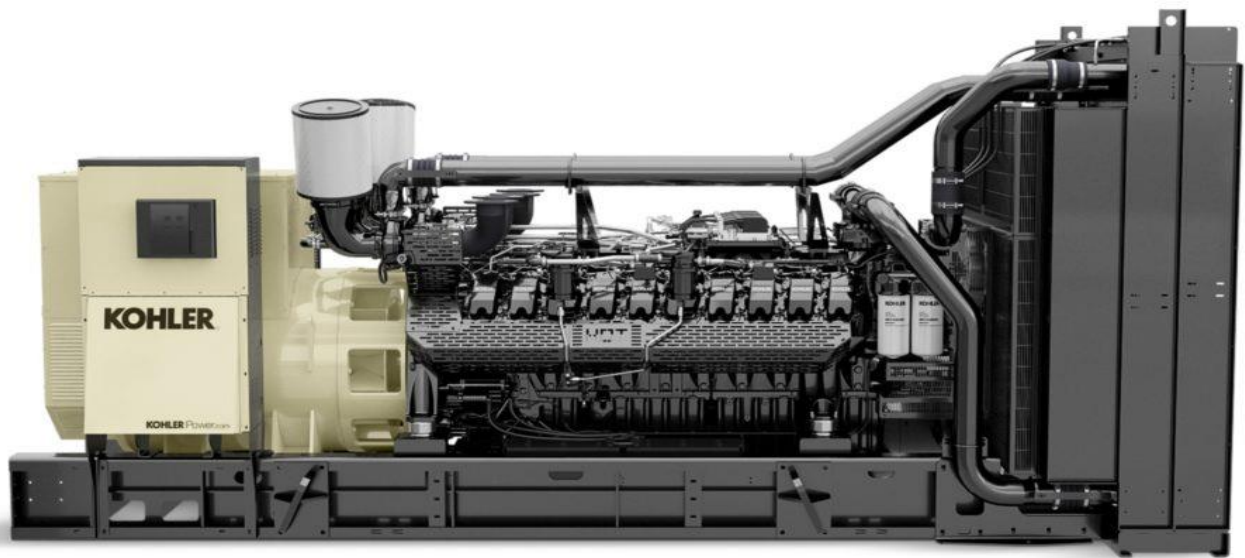












# Installation of Transformers

## Site Assessment:

- The first step is conducting a thorough assessment of the installation site. This includes checking for proper space, adequate ventilation, accessibility, and ensuring the ground is level and stable.
- Consideration of environmental factors like temperature, humidity, and potential exposure to corrosive elements is crucial.

## Foundation and Mounting:

- Transformers must be securely mounted on a stable foundation. Depending on the type of transformer, this could involve a concrete base or a specialized mounting platform.
- Vibration dampeners and seismic supports may be necessary in certain regions or industrial settings.

## Electrical Connections:

- The primary and secondary windings of the transformer must be properly connected to the power distribution system. This requires careful adherence to electrical codes and regulations.
- Ensure the proper insulation is used for the connections and cables are securely fastened.

## Grounding:

- Proper grounding of transformers is essential for safety. A dedicated grounding system ensures any fault current is safely discharged, preventing damage to the transformer and electrical system.

## Testing:

- Once installed, comprehensive testing should be done to check the transformer's operation, including voltage and load testing, insulation resistance checks, and ensuring there are no faults in the electrical connections.

## **Safety Protocols:**

- Workers should wear appropriate personal protective equipment (PPE), including gloves, helmets, and insulated tools.
- Clearly communicate potential hazards and ensure proper lock-out/tag-out procedures are followed to avoid accidents.

## **Maintenance of Transformers**

### **• Routine Inspections:**

- Regular visual inspections should be carried out to identify any signs of wear, leaks, or physical damage. Common issues to look for include rust, oil leaks, or insulation deterioration.
- Check for any unusual noises, vibrations, or overheating that could indicate internal issues.

### **• Oil Checks and Filtration:**

- Transformers, particularly oil-filled ones, require regular oil level and quality checks. The oil serves as both an insulating medium and a coolant. Over time, it can degrade, so periodic oil sampling and filtration may be needed.
- Oil should be replaced if it becomes contaminated or loses its insulating properties.

### **• Thermal Scanning:**

- Using infrared thermography, you can detect hot spots in the transformer, which might indicate electrical or mechanical failures before they become serious issues.

### **• Cleaning and Debris Removal:**

- Ensure that external components such as bushings, tap changers, and cooling fans are kept clean and free of debris.
- Cooling fins or radiators should be cleaned to ensure proper heat dissipation.

### **• Load Testing:**

- Periodically, the transformer should be subjected to load tests to confirm that it can handle its maximum capacity without overheating or sustaining damage.





- **Connection Tightness:**
  - Regularly check the tightness of electrical connections to avoid issues like arcing, which can cause failures. This should be done carefully to avoid damaging the components.
- **Monitoring Systems:**
  - Consider installing condition monitoring systems that provide real-time data on temperature, oil levels, and other key indicators of transformer health. This allows for predictive maintenance and early fault detection.
- **Safety Precautions during Maintenance:**
  - Ensure all workers are trained and familiar with the specific transformer model and its operation. Always ensure that the transformer is de-energized and isolated from the electrical grid before performing maintenance tasks.
- **Record Keeping:**
  - Maintain detailed logs of all inspections, repairs, and maintenance performed. This will help to predict future maintenance needs and provide insight into the transformer's long-term reliability.

















# شركة عباسي الاخضر للمقاولات



## OUR CLIENTS



شركة المحمل لخدمات المرافق  
AL MAHMAL FACILITIES SERVICES COMPANY



مستشفيات المانع العامة  
ALMANA GENERAL HOSPITALS







شركة المياه الوطنية  
National Water Company

جامعة الإمام عبد الرحمن بن فيصل  
IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY



بنك الجزيرة  
BANK ALJAZIRA



بنك الرياض  
Riyad Bank



الأول  
SAB

