

# N AND G ENGINEERING CO.



2022

## COMPANY PROFILE



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# N AND G ENGINEERING CO.



## About us

**N & G** Was established 2008 with a capital of (600,000) (Six Hundred Thousands Kuwaiti Dinars )

Since the establishment of the company, and the collaboration between its partners the company's key objective was and still to supply the market with the best fully integrated projects services with the highest degrees of quality, in fields of:

**(Mechanical – Electrical – Plumbing) M E P**

What separate us from our competitors is the utmost care of every details, We understand the critical situations and we take our business very seriously.

We are constantly developing our staff, also we always increase the technical capabilities of our teams and our equipment in order to adapt with the rapid growth in the market and the continuous changes in mechanical engineering technologies, which enabled us to work with the largest Kuwaiti companies in the Oil/Gas field, as well as large-scale construction projects.

No wonder that our customers continue to communicate with us constantly to share their newest projects and invites us to join their work-force because we add value to their business .

## ISO Certificate

**N & G** has obtained ISO certifications in an effort to integrate with projects that require ISO standards



## Press Joint - Latest Technology in KUWAIT

Press Joint works with virtually any pipe system and can be used in numerous applications ranging from the delivery and drainage of potable water, gas and even steam.

N & G has the know how and enough experience to fit new market needs and fulfill consultants & ministries requirements .  
It is one of our vision , to be always on track with new technologies .



## MEP CONTRACTING

Mechanical, Electrical and Plumbing (MEP),  
Refers to these aspects of building services (design and construct).  
We deliver these aspects in commercial, residential and governmental facilities.  
MEP is considered as the most critical services of the project, as its mistakes will lead to un-expected costs to resolve. We contribute in increasing your facility value by delivering the highest degrees of quality in execution.



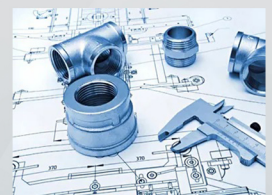
## CONSULTING SERVICES

Whether you are an architect, building owner or an engineer,  
a time will come when you require the services of an MEP consulting firm.  
Of course, you'll want the highest quality work for a great price. We can offer a responsive service, quick and accurate answers to your questions, deep knowledge of the local regulations, full experience in the international design & installation codes and protocols, and much more of professional aid



## DESIGN SERVICE

Recently, it have been noticed that many projects in GCC have been awarded under the terms of (design, build and maintenance) contracts. N and G Engineering team have been engaged directly with the major design and consultant offices in Kuwait. To provide professional MEP design services. We are proud of our un comparable design engineers, whom delivered many major sophisticated mechanical projects,



## MAINTENANCE CONTRACTS

We are also provides maintenance services for mechanical and electrical systems in major commercial facilities/residential complexes. We utilize the latest equipment and devices to determine the core of the problem, and we make sure your systems runs on the highest efficient standards. We also provide analysis studies, feasibility studies and maintenance plans to your facilities, based on site utilities condition.



## What is VRF

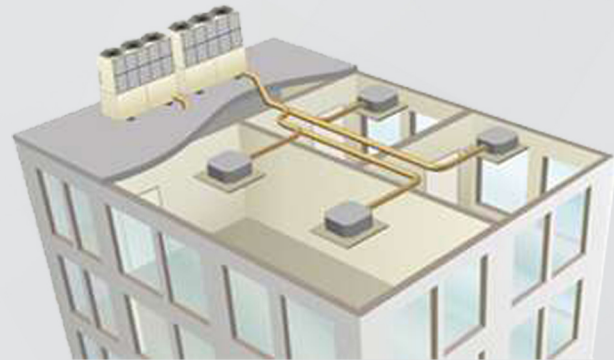
Variable Refrigerant Flow (VRF) HVAC systems consist of outdoor units connected to multiple indoor units via refrigerant piping to provide cooling and heating to individual zones.

Each system can connect to many different types of IDU ( Hi wall , Ducted Split , Cassette , Ceiling unit , AHU , ....)



## Benefits

- Reliable, Repeatable, Permanent, temper-proof connections every time .
- Reduced installation time, lower overall cost .
- Intrinsically safe, no fire hazard, dangerous material or fumes .
- No Unintended damage as a result of heat .
- UL certified and extensively tested .



## Features

- The system is easy to control and operate .
- Less consumption and saving of electricity by 35% , with high cooling efficiency .
- More privacy, it does not help to transfer smells and sounds from one place to another .
- Does not need large areas in decoration, which gives you freedom of design .
- Wide variety in the shape of the interior units to match the different decorations .
- Foot print areas saving with possibility of installing them in remote places on the roofs .
- Low noise, thanks to new technology that reduce noise from outdoor units .
- Ease of installation, transportation and maintenance due to its small size .
- Works with environmentally friendly gas R410A, which is approved in Kuwait .
- System efficiency and longer life thanks to the variable exchange between compressors .
- The VRF system allows you to control each room individually and separately .
- Heating for the winter with high efficiency, high quality and healthy performance .
- Easy to maintain and has fewer malfunctions thanks to the smart screen inside the outdoor units.

## Why to choose us

**N & G** is a pioneer in this field

Since the beginning of the adoption of VRF technology and air conditioning systems in the State of Kuwait

**N & G** has been keen to provide its best in installing VRF systems Where it implemented many projects in kuwait, the beginnings were at the **American Internationa University** Whereas, N&G supervised and implemented the entire project, which is estimated at about 2500 refrigeration tons the highest capacity in Kuwait .

## Our Strength

The strength of **N & G** lies in the great experience of the company's engineers, as they hold many certificates and training courses from major international brands. The technicians who install VRF systems are trained at the highest level and can implement all system requirements, in addition to having more than 7 years of experience in this field, which makes **N & G** a leader in this field with the testimony of many consulting offices and distinguished clients .



OUR TEAM WILL BRING SUCCESS TO YOUR PROJECT



## A.I.U - Amirecan International University

Location : Timmaa  
Consultant : Gulf Consultant  
Sys Qty : 328 units | 76 systems  
Capacity : 2437 TR  
Brand : Clima Control - VRF



## Mercedes Bridge Facility - Al Shuwaikh

Location : Al Shuwaikh  
Consultant : Gulf Consultant  
Sys Qty : .....  
Capacity : 400 TR  
Brand : Hi Sense - VRF



## ASPIRE - Indian International School

Location : Al Jaleeb  
Consultant : Al-Amein Consultant  
Sys Qty : 328 units | 22 systems  
Capacity : 933 TR  
Brand : Clima Control - VRF



## INNOVA - International English School

Location : Al Mahboula  
Consultant : Al-Amein Consultant  
Sys Qty : 233 units | 21 systems  
Capacity : 941 TR  
Brand : Clima Control - VRF



## ZM Villa

Location : Al Rawda  
Consultant : Hamad Fawzi Al Eissa - **ESAS**  
Sys Qty : 19 units | 4 systems  
Capacity : 80 TR  
Brand : Clima Control - VRF





## SKY MALL

Location : Al Dajeej  
Consultant : Kuwait Engineering Bureau  
Sys Qty : 169 units | 70 systems  
Capacity : 2051 TR  
Brand : Clima Control - VRF



## Commercial Complex - KFH

Location : Al Farwaniya  
Consultant : Mishary Al Shemali Engineering Cons.  
Sys Qty : 109 units | 6 systems  
Capacity : 255 TR  
Brand : SKM - VRF



## THAMEEN MALL

Location : Al Jahra  
Consultant : Kuwait Engineering Bureau  
Sys Qty : 54 units | 3 systems  
Capacity : 86 TR  
Brand : SKM - VRF



## Al Subaih - Chalet

Location : Khiran  
Consultant : OWNER  
Sys Qty : 8 units | 1 system  
Capacity : 25 TR  
Brand : Carrier - VRF



## AL Waheb - Chalet

Location : Khiran  
Consultant : OWNER  
Sys Qty : 17 units | 1 system  
Capacity : 26.5 TR  
Brand : Carrier - VRF



## Shaikh Nasser Al Mohamed Al Subah - Diwaniya

Location : Al Shamiya  
Consultant : Al Farooqi Engineering Consultant Bureau  
Sys Qty : 26 Units / 3 Systems  
Capacity : 90.5 TR  
Brand : MIDEA- VRF



## Dr. Ra'ed Al Roughany - Chalet

Location : Sabah Al Ahmad Sea City  
Consultant : Dar Al Qimma Engineering Consultant  
Sys Qty : 8 Units / 1 System  
Capacity : 20.5 TR  
Brand : Carrier - VRF



## Al Fawzan - Chalet

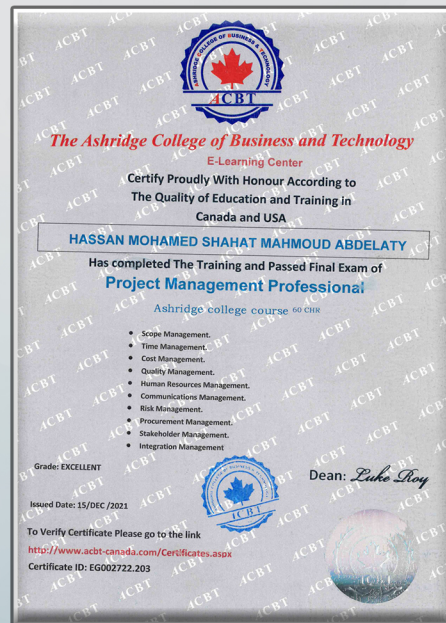
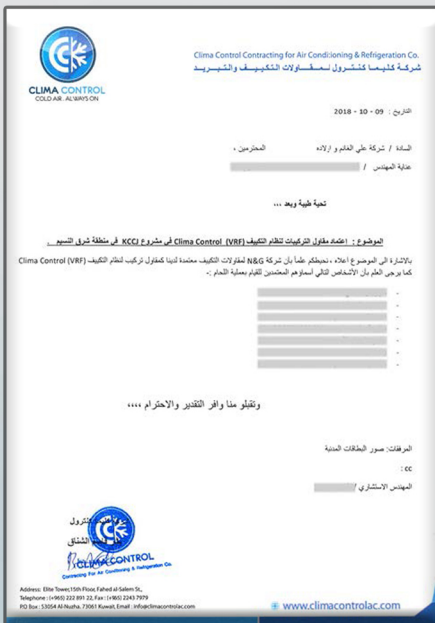
Location : Bneidar  
Consultant : ESAS  
Sys Qty : 30 Units | 9 Systems  
Capacity : 93 TR  
Brand : SAMSUNG - VRF



## Al Awady - FLOOR

Location : AL Yarmouk  
Consultant : OWNER  
Sys Qty : 6 Units / 1 System  
Capacity : 21 TR  
Brand : YORK - VRF

Our engineers are highly concern to be always a leader in VRF technology



## VRF & DX Maintenance Experiences

For more than 10 years, **N & G** has the know how of maintaining all types and versions of VRF system. which been very easy for maintenance team to analys the error and solve it immediately.

**N & G** doing a big effort in selection of technicians and training them to become competent as the company conducts training courses for technicians and trains them to solve basic problems that may occur in the VRF system & DX as well.

## Equipment and tools

We believe that experience alone is not enough, as the tools necessary for maintenance work are an integral part of the foundations of the complete service that the company seeks to provide to its customers.

On the other hand, it seeks to obtain the best tools and equipment that enable the technician to conduct a proper examination and accurately identify the problem in order to achieve quality assurance of maintenance .



## What is DX System ( Ducted Split / Package Units )

DX systems offer a high degree of flexibility providing precision cooling at varying load conditions. The system can be located inside or outside of the building and the system itself be expanded in order to adapt to new building requirements or size. Individual sections can be operated without running the entire system in the building. The DX valve can reduce or stop the flow of the refrigerant to each indoor unit. This results in the ability to control each room independently. DX systems may occupy less space than other cooling systems.

## Installation Experts

**N & G** is a leading organization in the industry to provide our clients the best quality Outdoor DX System Installation Service. This service is widely appreciated by our valuable clients owing to its perfect execution and cost-effectiveness features. The offered service is performed by our highly experienced professionals using the best grade tools and advanced technology. Provided service is carried out in an excellent manner. Moreover, this service can be availed by our clients at most reasonable price.

**Whether you need a comprehensive cooling system or need to upgrade your current equipment, we carry an extensive catalog of solutions to meet your thermal control needs.**

## Our Partners





**Fire Station - AL Jahra**

HVAC supply & install with Ventilation



**Yazed Bin Harith - Mousque**

HVAC supply & install



**Fire Station - Abdulla Al Mubarak**

HVAC supply & install with Ventilation

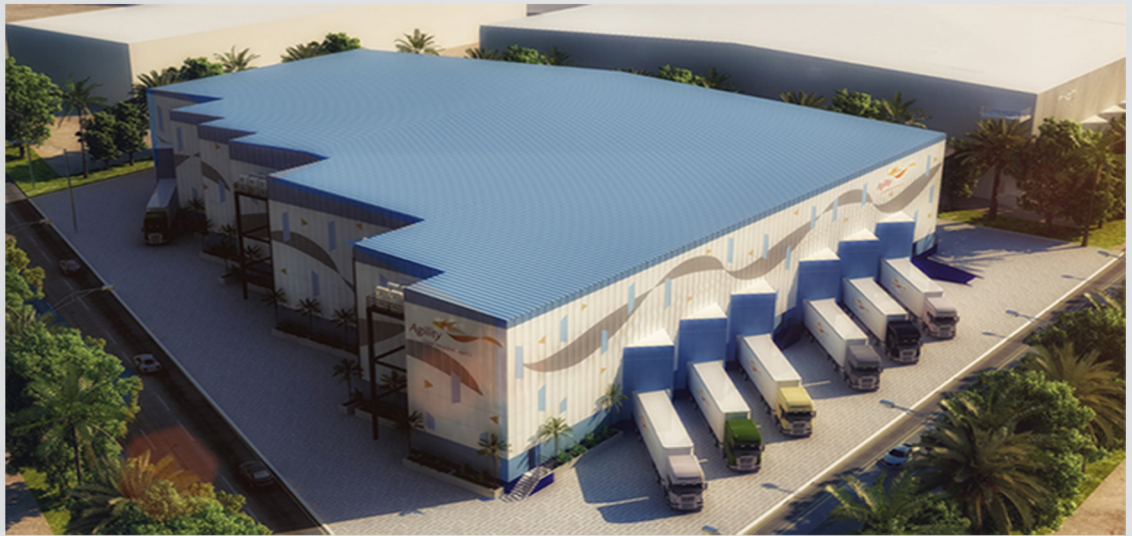


**Fire Station - Saad Al Abdula**

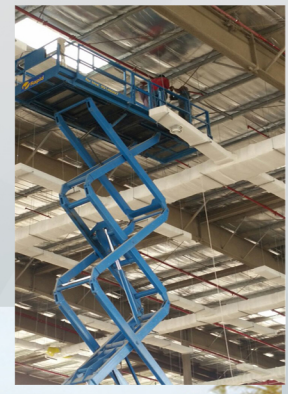
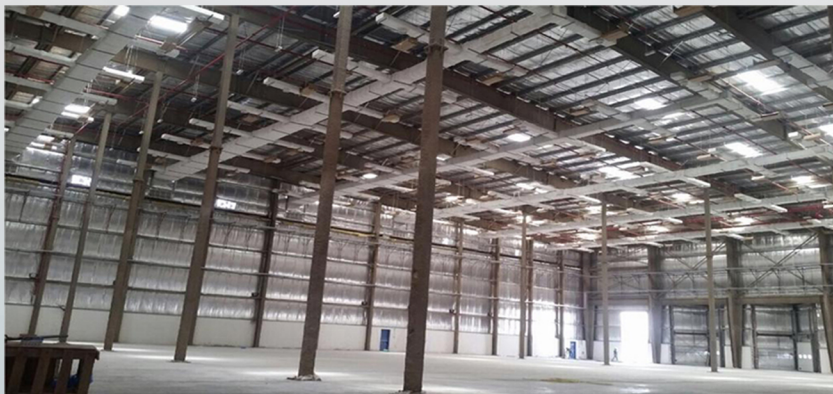
Hvac supply & install with Ventilation

S	Project Name	Value	Year	S	Project Name	Value	Year
1	Al- Areen Residential Complex (HVAC-Electrical-PL-FF)	2,945,000	2014	8	67 Villas Project Al-Surra (HVAC Ducting Services)	100,000	2016-2017
2	Al Nisf Complex (HVAC-FF)	105,000	2015	9	AL-Hajery Co. Warehouse	39,000	2015
3	Diwan Al- Habadan (Complete Services)	100,501	2015	10	Al- Yasmine Al- Dowaliyah (HVAC-FF-PI)	120,000	2016
4	Asian Company Showrooms (HVAC)	180,000	2015	11	Residential Villas (Various) (HVAC-PI)	133,000	2014
5	Bin Qattami Tower (HVAC)	46,750	2016	12	Perfect Team Company Offices (HVAC-FF.PI)	77,000	2010
6	AGILITY K5 WAREHOUSE (HVAC-Cooled Stores)	115,000	2017	13	Al- Rabwa Real Estate Company (Residential – HVAC-FF.PI)	95,000	2011
7	5 Buildings @ bayan palace	600,000	2017	14	Common Building Systems (Multiuse Facilities- HVAC-FF.PI)	88,000	2012
				15	AL-Rai Complex (HVAC)	51,500	2017

## Agility Cooled Stores



## Agility ( Triple Height Exposed Ducting )



## Al Areen Residential Complex Chiller & DX



## Ministry Project

## ZOOR Power Station | Sea Water Cooled Chiller





## MANY SECTORS

Chalet  
&  
Villas



Commercial  
Complex



RESIDENTIAL  
BUILDING

## LAND OF EXHIBITIONS

### Multi Purpose Halls



## Introduction

our client are our top priority, so all of our products are engineered for you and your specific needs in mind. For years, our design have been building the best possible solutions to your challenging installations. We build our products with an emphasis on the critical factors in HVAC Today, with a commitment to quality and innovation.



## AC TECH - DUCT Manufacturing Services

- Governmental Projects
- Commercial Projects
- Residential Projects



## DUCT Manufacturing Variety

- G.I. Rectangular duct with accessories.
- G.I. Rectangular duct with Pocket Joint
- (Drive Slip – Pocket Joint – Standing Seam Companion M.S. Angel Joint)
- If Duct Size Above 18 ga. (1.25mm thick) will be fabricated by welding process (longitudinal seam / Pittsburgh) lock)
- G.I Spiral Round Duct Single Wall with Fittings
- G.I Spiral Round Duct Double Wall with Fittings
- Flat Oval Duct Fittings only
- Stainless Steel Round Duct with Fittings
- Stainless Steel Rectangular Duct with Accessories
- Black Steel Round & Rectangular Duct with Accessories
- Aluminum Rectangular Duct with Accessories
- Plenum Boxes (All types)
- Access Door
- Square to Round Adaptor for Diffusers
- Acoustic Louvers & Acoustic Enclosures
- Sound Attenuators Rectangular and Round



# INSULATION



INSULATES THE FUTURE

## Insulation Exclusive agent in KUWAIT

N & G Engineering Co. is the exclusive agent for **ODE** in Kuwait since 2014 . We achieved the most incredible projects that supplied by high quality varieties of insulation in building & HVAC fields.

## ODE Insulation Manufacture

Established in 1985, **ODE** is among the leading insulation materials manufacturer providing its customers with high quality insulation solutions used in (Buildings and Technical) insulation.

With its (4) modern production facilities spread over (120,000 sqm)

**ODE** manufactures **ODE MEMBRAN** – Water Proofing Membranes,

**ODE ISIPAN** –XPS, Thermal Insulation Boards, **ODE R-FLEX**

Elastomeric Rubber Foam, and **ODE STARFLEX** Glass Wool Fiber Glass.



# Notes

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# N AND G ENGINEERING CO.



## N AND G ENGINEERING CO.

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