

Bazyab Technique Group

Engineered Project Management & Trade International

**Manuchehr Mehdizadeh & Team
Group Portfolio**

OUR MISSION STATEMENT

In our growing market economy where customer confidence rules as “king”, we strive to be recognized market friendly by understanding and anticipating our customer needs, rapidly responding with innovative value-added engineered system and services.

As responsible citizens of the world we strive to make continuous improvements in safety, health, environment and quality as an integral part of our business processes.

Our team is dedicated to take necessary steps, while applying “best practices” and management procedures to maintain customer loyalty and satisfaction.

Through our collective experience, our team follows a systematic approach in designing and building cost effective systems with the primary objective being improving return on investments and guarding corporate assets.



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Team Profile

SENIOR DESIGN ENGINEER

PERSONAL BIO: Iran educated Mechanical Engineer.

EXPERIENCE: For the past 10 years, have worked in the port city of Chabahr designing and implementing various engineering projects involving international manufacturers from building design to cold chain systems.

LAST POSITION HELD: Senior engineer for a design/build engineering company

PROJECT & LOGISTIC MANAGER/ENGINEER

PERSONAL BIO: Iran educated Industrial Engineer.

EXPERIENCE: Last 12 years worked for a construction company managing and implementing engineering projects.

LAST POSITION HELD: Project manager for a civil construction company

SALES & MARKETING EXECUTIVE

PERSONAL BIO: Iran educated Food Analyst

EXPIRIENCE: 14 years experience selling enterprise system solutions.

LAST POSITION HELD : Audit Manager for food processing company.



CREDENTIALS

NAME: Manucher Mehdizadeh - Group Leader

EXPERIENCE: Results oriented professional with extensive background in designing, sourcing and implementing food processing projects , people and organizations. Unique blend of technical knowledge and interpersonal skills. Strong focus on customer interface for business development, contract negotiations and product delivery. Also includes extensive international management experience with specific expertise in: Operations Management, Contract Development/Negotiations, International Business Strategy.

Former Managing Director & part owner of renowned Techno Frigo Corp, (Tehran) an engineering Iranian contracting company focused on electro-mechanical projects ranging from complex HVAC designs to comprehensive electrical and elevators systems for high occupancy industrial and commercial complexes extensively covering cold storage & freezing systems.

LAST POSITION HELD: Director Engineered Sales , worked as senior advisor on contract basis with a leading Iranian Manufacturer in Heat Transfer and Industrial Refrigeration from April 1995 thru May 2001.

In summary, I have over 40 years of international work experience with expertise in Heat Transfer particularly the Electro-Mechanical field of HVAC & Industrial Refrigeration (Freezing/Chilling) and Food Technology including Processing & Packaging systems. Mainly collaborating with developers, manufacturers and contracting engineering companies.

PERSONAL BIO: US educated BSME Mechanical Engineer. 70 years of age, married with 3 children and 2 grandchildren – two sons and daughter all whom reside in the USA.

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INDUSTRIAL ACTIVITY: LIFE MEMBERSHIP ASHRAE (USA)
ASME (USA)
IIR (FRANCE)
ISME (IRAN)
NEZAM MOHANDESI – P.E. (IRAN)

Author of white paper on relevant refrigeration industries, food safety etc. – in English & Farsi language.

STANDARDS: Prepared relevant international Codes & Standards including those called for by Charter of Safety, Health & Environment Management.

TEAM LEADER: Prepared & submitted a total of 21 sets on HVAC & Industrial Refrigeration internationally oriented approved **Standards & Codes** initialed as IPS (Iranian Petroleum Standards) for OIEC Consulting Group where, National Iranian Oil Company (NIOC) was the customer.

PARTIAL CAPABILITIES & RENDERED SERVICES:

- ◆ Leadership skills with internationally oriented “Thought & Knowledge Management” concept rendering cost effective energy management programs for commercial, industrial & OGP applications.
- ◆ Management level Supervision for design, installation and start up for heat transfer projects, particularly HVAC and Cold Store & freezing/chilling trades plus Food Technology including Processing & Packaging System & Machineries, etc.
- ◆ Locate suitable and world class local & overseas manufacturers, suppliers, engineers etc.
- ◆ Communicate in Farsi/English with Customers, Sub-contractors, and Vendors Manufacturers through correspondence, meetings, etc.
- ◆ Attend and negotiate important meetings and deals, both in Iran and when required in other countries.
- ◆ Provide following approach on hybrid fast-track arrangements through friendly coordinated teamwork: Pre-contract and Tender, Co-ordination of Services. Post contract Monitoring, Stand Alone Services
- ◆ Compile and prepare in English Language Portfolio/ Overview and feasibility report for renowned diversified Iranian Industries.

ATTACHMENT 1

OUR TECHNIQUE

From inception our selection, application and state of-the-art design/ build sustainable technology are concentrated on conservation of energy, reducing material usage, preserving local co-systems, low environmental impact, resource efficient materials, maximize durability and adaptability, integrate cost-analysis into an automatic system which is safe, hygienic and environmental friendly.

The success of our operation in related heat transfer and food technology fields stems out of the extensive up front investigation into system options. We identify local manufacturing capabilities based on system requirements and incorporate products of international manufacturers from the continental Europe and USA to the Indian sub continent and Far East resulting in comprehensive total solutions.

We work hand-in-hand as committed partners and contributors in project leadership and customer relationship such that the client needs become our priority which covers, but not limited to, the following design/build engineered sectors:

- ◆ Agro-Industrial Systems
- ◆ Modern Food Technology, Processing and Packaging Systems and Machineries
Covering Fruits, Vegetables, Dry Milk, Dairy and other related nutritious low-carb snack-food products.
- ◆ Industrial Ammonia & HFC Refrigeration systems
- ◆ Industrial ice making plant-Flaked , Tube & Block type
- ◆ Freezing through blast freezing, IQF and Cryogenics
- ◆ Industrial HVAC
- ◆ Clean Room Air Conditioning System including Validation Assistance
- ◆ Refrigeration system for Containerized Concrete Cooling plants
- ◆ Modern drying technologies for food, pharmaceutical and chemical industries.
- ◆ Cascade Industrial Refrigeration using NH₃/CO₂

ATTACHMENT 2

PROJECTS – DESIGNED & MANAGED

A partial list of some of the projects designed as consultants and submitted (as of Sept 2011) to following Iranian developers and entrepreneurs:

1. Seiraf Boroudat Co. - Bushehr FTZ

(Mr. Saeed Ahmadi, Managing Director)

A subsidiary of the diversified Mobarak Industrial Group (MIG) establishing a seafood processing with freezing/chilling cold store capacity 14000 tons with 40 chambers incorporating modern technology central ammonia refrigeration system mainly for seafood applications. The system incorporates screw compressor package with centralized PLC and SCADA monitoring system.

2. Rasis Arman Agro-Industrial Complex - Mashhad

(Ms Azam Ghaffarnia, Managing Director)

Multi-purpose fruits, berries and vegetable processing and packaging plant at 5 ton/hr capacity. It also includes 2 ton/hr IQF Freezing unit and six freezing chambers for 1500 ton multi-purpose cold store plant.

3. Tecnokit Co. - Esfahan

(Mr Mohammad Khonsari, Managing Director)

Collaboration with an OEM and Bazyab designing a production line for producing split air conditioning DX units from 12000 to 32000 Btuh capacity producing 25,000 fully assembled units per year. The air conditioners are to be imported CKD/SKD and our added responsibility was to employ and train group of skilled and unskilled workforce.

4. Agro-Industrial Co. of Hayva Gol - Qaemshahr

(Mr Javad Tavvaby, Managing Director)

It's a vegetable and food processing and packaging unit for annual fruits/vegetable freezing capacity of 12000 ton, and 900 ton for modern fluidized bed drying capacity. This site also involves a 2.5 ton/hr IQF unit, and 2 ton/hr process drying system with a 600 ton capacity freezing chambers at -20°C storage temp.

5. **Sherkate Chand Manzooreh Abzee Gostaran - Esfahan**

(Mr. Sadequi, Managing Director)

It's a trout fish farming project which calls for a 20 ton/day blast freezing 250 ton freezing chambers two 10 station plate freezers and one IQF freezer unit to capacity 500 kg/h including a 2.5 cubic meters/hr ice bank unit including full line fish packaging and fish processing machineries and system.

6. **Shourka Tuna Fish Factory - Bushehr**

(Mr. Watandoost , Managing Director)

It's a tuna fish processing factory for daily production of 450,000 cans (easy open) each weighing 180 grams tuna. This project calls for 50 ton/day freezing tunnel and 1000 tons freezing chamber and about 1000 tons of Refrigeration for Space Air Conditioning. Fish processing/packaging system with a 2 ton/h IQF unit was also established.

7. **Affarid Tuna Fish Factory - Bushehr**

(Mr. Watandoost , Managing Director)

It's a tuna factory where the existing refrigeration piston compressors and the high side equipment are to be replaced increasing the number of freezing chamber and its storage capacity, and increasing the quantity of packaged screw compressors from 3 to 5 units with relevant expertise items.

8. **Daryacheh Tar Agro Industrial Co. - Damavand**

(Mr. Khanbodaghee , Managing Director)

It's a French Fries processing and an IQF freezing factory with a trade name of MAC wherein the refrigeration capacity of its existing IQF unit modified to 3 ton/hr and a new 1000 ton cold store for -20°C room temp designed and installed. Also submitted two new proposals on snacks, a Potato based Pellet and separately a Duchess/Croquettes processing/packaging plant @ 350 kg/h capacity intended to be established , but was later shelved due to refusal of bank loans.

9. INTERNATIONAL PROJECT

1-BIFS/BOML Logistics Co, West Wharf, Karachi, Pakistan

(Mr Tariq Rangoonwala, Managing Director)

As a Consultant & Project Management designed a multi-purpose dual-circuit ammonia cold store Temp Controlled Warehouse handling approx 2400 pallets. Supervised the complete purchase and partial supervision on fabrication of pressure vessels from leading GEA group located in Sharjah , (UAE). This cold store is due for commissioning & start-up by Jan 15,2012.

NOTES:

- 1- Above mentioned (8) customers products are export-oriented and follow the strict requirements of HACCP code including 91/493 EC directives and conform to the protocols of GMP and HSE (Safety, Health and Environment) management.
- 2- We were responsible for procurement and supervising of the installation, commissioning and training aspects of the projects stated.
- 3- Also designed and submitted proposals in association with an Iranian Company to diversified international industrial projects for customers in Saudi Arabia (KSA), Sudan Iraq , Syria and Venezuela.



ATTACHMENT 3

JOINT VENTURE PROJECTS

During my over 20 year's tenure with Techno Frigo Corp, I was the liaison officer for my company on joint venture projects with the following internationally renowned engineering companies:

Foreign Companies	Country	Year	Scope of Job
Stone & Webster (Main Contractors)	England	1973	HVAC and Control System for Razi (formerly Shahpur) Petrochemical in Southern Port Bandar Khomeini
Bouygues (Project Management)	France	1974	Procurement and Execution of a CPM for HVAC installation schedule for Azadi (formerly Aryamehr) Sports Center in Tehran. This site represented the 1974 Asian Olympic Games Complex
Mitsubishi Heavy Industries (Main Contractors)	Japan	1975	HVAC and Control System for D.O.P Plant for Iran Nippon Petrochemical Co. in Southern Port Bandar Khomeini
Bert Clausen & Associates (Project Management)	USA	1977	3500 ton Ziaran Industrial Cattle Slaughterhouse Cold Stores and Freezing Complex on turn key basis, approx 120 km from Tehran
Syska & Hennesey (Consulting Managers)	USA	1978	Central HVAC Plant Room 600 TR cooling capacity and one km grade piping for Tehran American School in Lavizan

Foreign Companies	Country	Year	Scope of Job
Kumagai Guma (Main Contractors)	Japan	1977	Passenger Elevators (Four Units) for an 80 unit apartment complex of the Soviet Embassy Housing for their staff in Tehran on Ave Hafez
Starret Co. (Main Contractors)	USA	1976	HVAC System with Packaged York Triton DX units representing 900 apartment units for the Shahgoli Housing Condominiums in Western Tehran. (Shahrake Gharb Site)
Snam Progetti (Main Contractors)	Italy	1979	Completion and trouble shooting of HVAC and Instrumentation & Controls for their sites at Ghom and Isfahan Gas Reducing Stations



ATTACHMENT 4

INTERNATIONAL PLANT TRAINING & TOURS

USA

Company	Location	Year
KOHLER: Manufacturers of plumbing fixtures and sanitary works.	Kohler, WI	1971
BLAZER: Manufacturers of computer room air conditioning equipment	Rutherford, NJ	1971
FRICK CO: Industrial refrigeration equipment manufacturers for cold store, freezing and heat transfer. Training: 2 months	Waynesboro, PA	1974, 1979-80- 81-85
YORK HOLDING INTERNATIONAL: Largest Central HVAC equipment manufacturers Training: 2 week	York, PA	1976, 80-81-85
WESTINGHOUSE: Manufacturers of geared and gearless elevators	Union City, NJ	1976-77
SARCO: Manufacturers of steam line specialties	Allentown, PA	1979
JAMISON: Manufacturers of refrigeration doors for industrial cold stores	Hagerstown, MD	1979
AURORA PUMPS: Biggest US pump manufacturers for various applications Training period : 5 days	Aurora, ILL	1979
CLYCLOTHERM BOILERS: manufacturers of hot water steam boilers upto 1000 BHP Training period : 2 days	Owego, NY	1979
KRACK CORP: Manufacturers of refrigeration air coolers for cold stores and freezing plant Training: 2 days	Addison, Ill	1981

EUROPE

Company	Location	Year
KONE: Manufacturers of elevators, escalators and dumbwaiters up to 10 ton capacity	Paris, France	1980-81
YORK: Largest manufacturers of central HVAC and refrigeration equipment	Sussex, England	1980-81
TECHNO FRIGO EUROPA: Manufacturers of industrial refrigeration cold store freezing and ice plant plus sandwich P.U. panels	Bologna, Italy	1980,81 &1985
SERSEG – SCHLUMBERGER: Manufacturers of valves, strainers and pipeline specialties	Nancy, France	1981
SPRECHER AND SCHUH: Manufacturers of relay-based electrical components such as connectors, relays, starters, and similar items	Aarau, Switzerland	1981
KOEHLER BOSSHARDT: Manufacturers of water and fire tubes, steam boilers, low and high-pressure boilers up to 3000 BHP	Basel, Switzerland	1981
SPIRAX-SARCO: Manufacturers of steamline specialties	Cheetenham, England	1978-85
MYCOM EUROPE: Manufacturers of Refrigeration Screw & Piston Compressors	Zaventem, Belgium	1995 &1997
FRIGOSCANDIA EQUIPMENT: Leading manufacturers of IQF Freezers and Food Technology Machineries	Helsingborg, Sweden	1975 &1995
MTH: Worlds largest manufacturers of various refrigerated & controlled atmosphere PU-insulated doors with its hardware	Almese (Torino), Italy	2004

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JAPAN

Company	Location	Year
MITSUBISHI/MELCO: Manufacturers of elevators, dumbwaiters, escalators, up to ten ton capacity Training period : 2 weeks	Tokyo, Japan	1976

CHINA

Company	Location	Year
SHINING (DEER): Leading manufacturer of split and window A/C DX air conditioners	Taizhou, P.R.C	2004

UAE

Company	Location	Year
SKM AIRCONDITIONING: Manufacturers of HVAC and heat transfer related systems	Sharjah, UAE	1993-97 1999- 2002- 2206
TECHNICAL SUPPLIES CO: Manufacturers of Polyurethane Sandwich Panels and Refrigeration Door	Sharjah, UAE	2002- 2004

ATTACHMENT 5

EXECUTED MULTI – PURPOSE PROJECTS

NIK BROODATI & HARARATI CO.

(Distributors of MYCOM Compressors)

Tehran – Iran (April 1995-May 2001)

Prior to the establishment of the Bazyab Technique Group, with NIK B & H Co. on executive consulting level on full time contract basis handling engineering & sales primarily in Heat Transfer System Industrial Refrigeration (Cold Storage Chilling & Freezing Systems & Ice Block Plant) & related engineered fields. During this period I managed to increase sales to a sizeable level and secured the agency of MYCOM compressors and ISO 9001- 2000 version for the company. Some of the interesting projects executed being:

1) KESHT-O-SANAT SHOMAL SARI (North Iran)

A leading vegetable food oil processors & packers. The ammonia cold store design was unique requiring to cool and phase change of 450 ton (daily mfg capacity) of 50°C hot liquid oil in 12 hours. This project represented three 8 cylinder MYCOM Compressors at 0°C suction for a total cooling capacity of 1800 KWR. This project commissioned during July 1998.

2) BEHPOODR DRY (POWDERED) MILK MFG CO. (Isfahan – Iran)

This project required to cool cheese water through -1°C Ice Bank System with one ammonia compressor at Minus 10°C suction cooling capacity 365 KWR. This project commissioned during Sept 1997.

3) SAHAR DAIRY PROCESSING CO. (Qazvin – Iran)

This project required to cool from 35°C to 4°C 100 ton per day milk (in 5 hrs) which was to process various Dairy milk products such as cheese, cream, whey, butter, etc. Ice water through -1°C ice bank system to total storage capacity of 2 million Kcal/h. With two Mycom Ammonia Compressors, at total cooling capacity 800 KWR. This project commissioned during Feb 1997.

- 4) TOOS COPPER PRODUCTION CO. (Meshed– Iran)
This project required to cool 720 cubic meters of industrial water from 48°C to 30°C through banks of closed circuit fluid cooling tower units. This project commissioned during July 1996.
- 5) PAR-RIZAN PROTEIN FREEZING & COLD STORE (Boroojerd – Iran)
This site represents 3 MYCOM piston compressors with a capacity for freezing tunnel 10 ton/day plus a pre cool chamber and a 400 ton freezing chamber. This project commissioned during Nov. 1996.
- 6) In brief other freezing projects are as follows :
5000 Ton Fruits & Vegetable for Milad Cold Stores (Damavand – Iran) 5000 Ton Gilan-Sard Co., General Cold Store & Freezing (Rasht– Iran). General chilling/freezing stores in many locations across the country

TECHNO FRIGO CORP

(Distributors of York/Frick HVAC & Westinghouse & MELCO Elevators and others)

Tehran – Iran (May 1971 - May 1991)

- 1) I began my employment with TFC as a senior design and estimating engineer. Although I worked at numerous projects while at the post, the venture at the Aryamehr Sports Center (jobsite of 1974 Tehran Asian Olympic Games) in Tehran was one of the more prestigious ones. I was the engineer in charge of material take off for the entire ventilation, gas piping, swimming pool filtration, skating rink, grade piping and HVAC system. This task required me to place and pursue orders of up to US\$ 3 million with European and American manufacturers. Among my other responsibilities in this project was coordinating the duties of different site engineers with Bouyege of France for the preparation of the Critical Path Method for Schedule of Installation progress. The consultant on this project was Skidmore Owings & Moore of USA and A.A Farmanfarmanian of Iran – executed 1973-74.

- 2) At the Tehran Telecommunication Center (Toopkhooneh), I was the manager for design, installation and launching of Pneumatic Tube dispatch system. This new system technology consisted of 2.25", 4" and 10" PVC tubing circuits, turbo exhauster, carrier sets, and up and down delivery dispatch sets. These circuits were arranged for transferring initiation forms, debit vouchers, phone bills, etc. From dispatchers to various floors. The consultant on the Project was IMEC of England – executed 1975.
- 3) I continued as project manager at the Shahpasand Factory Project representing the large diversified Behshahr Industrial Group located in Tehran. Here, I took the task of design, installation and launching of 2 MELCO Freight Elevators each with a loading capacity of 4 tons – executed 1976.
- 4) Also for Shahpasand Factory I executed the design/build on eight Frick (USA) ammonia industrial cold storage plants, for general food storage and vegetable oil storage (phase change process) ranging from 300 to 8000 tons at +1°C to -3°C chamber temperature. The compressors were heavy duty reciprocating industrial type – executed between 1974- 1979.
- 5) As the project manager for Ziaran Meat Processing and Packaging Industrial Slaughterhouse, I supervised the design, installation and starting of a 3500 ton Frick industrial ammonia cold storage plant. The consultant on this project was Bert Clausen of USA. The daily slaughter capabilities are 150 cattle and 1500 sheep - executed 1977.
- 6) At the Tehran American School, I was in charge for the as-built shop drawings and ordering the equipment for the main central heating and air conditioning plant room. The finished project consisted of 2 York absorption water chillers each with 500 TR, 2 Cyclotherm hot water boilers 300 BHP, and 12 Aurora centrifugal hot water pumps, 2 BAC cooling towers and 1 km of grade piping. The consultant on this project was Syska Hennesey of USA – executed 1978 – 1979.
- 7) As the associate to the site supervisor for the Dehkadeh Housing Olympic Village Project, I oversaw the installation of water tube hot water boilers each 600 BHP 3 KOEHLER units, 12 Centrifugal hot water pumps, and relevant piping, distinct heating. The consultant on this project was Tasis of Iran – executed 1974.

- 8) At the Iranian National Radio and Television (NIRTV Channel 7 Tehran) project, my team and I set up 3 hot water KOEHLER boilers 400 BHP capacity 5 YORK combination Absorption Centrifugal water chillers total capacity 1200 TR. The consultants on this project were Quanta of Iran – executed 1976.
- 9) A similar project with above specifications was also undertaken by my team and I at the Farahabad Race Course and consultants were from Hong Kong – executed 1978.
- 10) The project at the Ministry of Interior Building on Dr. Fatemi Ave, Tehran to which I was the senior coordinator, was another big project involving the installation of entire HVAC, Electrification, Elevators and relevant electro-mechanical works. The imported equipment from USA and Europe under my supervision alone had a net value of US\$ 2 million. The consultant on this project was Nassa-Interco of Iran – executed 1981.
- 11) As the Project Manager for the Tehran Pars Cold Store Complex, I led the team that was responsible for the design, installation and start-up of the 8000 tons cold storage and freezing plant. This project had a net value of US\$ 2.15 million for the imported equipment alone. The consultant on this project was Sodetec of France and Seif Etude of Iran – executed between 1979 and 1986.
- 12) The Wagon Sazi Factory (manufacturing of railway wagons in Arak – for Iran State Railway Company) was one of my more interesting and challenging projects due to its diversity. I was in charge of material take-off for the factory's building electrical and mechanical affiliated jobs, representing various electro mechanical and industrial trades. Most of the imported equipment for this prestigious project was from European suppliers. The consultants on the project were Simmering-Graz-Pauker of Austria, and Bonyan of Iran as coordinator – executed between 1978 – 1981.
- 13) The Ekbatan Housing Complex (Phase 2) located near Tehran Airport representing 20 blocks, each block 12 stories comprising about 310 apartment units of 1-bed, 2-bed and 3-bedroom size. During my tenure as Managing Director I personally coordinated the buildings entire HVAC piping installation including over 30000 fan coil units, over 300 Air Handling Units and complete piping and installation eight of

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the 20 big Mechanical Equipment Room (MER) including commissioning and start-up – executed between 1984 – 1989.

POSITIONS HELD AT TECHNO FRIGO COMPANY

During my tenure at Techno Frigo Corp I held the following positions:

- Senior Design/Estimating Engineer : up to May 1972
- 5% shareholder of the company, June 1975
- Manager Sales & Engineering : June 1975 – June 1988
- 15% shareholder of the company : May 1982
- Chairman of the Board of Directors : July 1982 – June 1984
- Vice Chairman of the Board : July 1984 – June 1985
- Managing Director & CEO : July 1985 – May 1991

During the second quarter of 1991, the Techno Frigo Corp was confiscated by the Iranian Revolutionary Organ called “Setade’ Farmane’ Hazrate’ Imam”, all my shares and assets impounded and transferred to their name and on 20% of my asset. I was required to pay as religious tax called “Khoms”

AFTER TECHNO FRIGO CORP

During 1991, on a part time basis, for a year I engaged myself with an NIOC affiliated consulting engineer called OIEC and I was their team leader preparing 21 sets of approved **standards** abbreviated IPS “ IRANIAN PETROLEUM STANDARDS “ in English language which was compiled on highly international level covering the Material and Engineering aspects in the fields of HVAC and Industrial Refrigeration describing both Equipment and Materials in Systems.

GENERAL ENGINEERING COMPANY (GEC)

Tehran – Iran (April 1969 - May 1971)

My two years at GEC were spent as project engineer on four major projects.

- 1) The first one was the Loghman Dowleh Hospital in Tehran as the site installation engineer. My team and I set up the following equipment :

3 steam boilers 150 BHP each, steam reducing station, flash tanks and self contained thermostatic valves for a space and process heating system, complete with piping, fittings, valves and accessories.

- 2) The 25 bed hospital in the northern city of Lahijan was the site of my next project. The plant that we set up in this location was very similar to the hospital in Tehran, except it involved two 100 BHP 15 PSI steam boilers and also installed HONEYWELL electric controls and other pertinent equipment and ancillary work.

The third project was the TV Station in the northern city of Rasht. With the coordination of French contractors we are able to install a similar setup like the hospital in Tehran. Due to my involvement with other projects I did not travel much to Rasht and coordinated the entire operation from the Tehran office.

- 3) My final project at GEC was the Steam Power Generation Station (2x120 MW power capacity) in the city of Manjil which is located between Rasht and Qazvin 100 km from Tehran. Here with the help of German contractors my team and I not only installed the two 400 BHP steam boilers and its expertise items but also completed the entire HVAC installation.

SHOLEH KHAVAR COMPANY

(Distributors for CARRIER HVAC and OTIS Elevators)

Tehran – Iran (April 1968 – April 1969)

My first project at SKC was at the Mehrabad Air Force Base in Tehran. As the assistant project coordinator, I was a member of a team of 20 engineers, technician, designers and construction workers that installed the following equipment for the HVAC system under supervision of US Army Corp.

- 2 CARRIER absorption chilled water machines with 250 TR each
- 2 CLEAVER BROOKS steam boiler 150 psi 300 bhp
- 8 Centrifugal chilled and hot water pumps
- 2 MARLEY cooling tower induced draft type
- Wiring and cable with a 1500 Amp Main Electric Panel Board
- Controls and instrumentation. (Piping and ducting was done by others)

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The prestigious Tehran Oil Refinery was the site of my second project. As assistant to the installation engineer and liaison for Flour Engineers (USA) who were the main contractors, I was partially responsible for the installation of explosion proof pneumatic HONEYWELL Controls and preparation of O & M Documentation.

Vahabzadeh Building on Tehran's Roosevelt Ave which later became the Main Office of the National Iranian Gas Company (NIGC) was another big project that I was involved with. As the assistant Site Engineer I was in charge of setting up the HVAC equipment and piping for the entire 12 – storey building. The result was the commissioning of Central HVAC equipment and system for a total cooling capacity of 250 TR.

