

**BALAD
AL-SILM
ENGINEERING
BUREAU**

Address: Iraq - Baghdad- Al-Selegh District (opposite to Al-Forqan Mosque)

Email: rafifadel.gm@gmail.com & rafifadel@yahoo.com

Tele: 009647705311336 & 009647711306022

C.V

Name: Rafea Fadhel Ibrahim

Date of birth: 15/7/1961

Nationality: Iraqi

Marital status: Married, having five children

Title: Civil Engineer, Consultant engineer



Education qualification:

B.Sc. in Civil Engineering/University of Technology/1984

B.Ar. in English Language/University of Baghdad/2002

Language Experiences: In addition to Arabic;

English Language: good as a first language

French Language: good as a second language

Computer Experiences:

Capable of using many computer programs such as:

Auto CAD ,Civil 3D, Revit , Advance Steel ,STAAD Pro., ETABS, , Primavera,
Adobe Photoshop , Corel, Microsoft Office programs (Word, Excel,....etc)

E- Mail & Phone Numbers:

rafifadel@yahoo.com

rafifadel.gm@gmail.com

00964 770 531 1336

00964 771 130 6022

Employment History:

Name of Employment	Title	From	To
Rafea Fadhel Bureau	General Manager	1991	1996
Arabian House Bureau	General Manager	1996	2009
Balad Al-SILM Engineering Bureau	General Manager	2009	continuing

List of activities and major projects:

No.	Name of project and client	Year	Brief description of job performed
1	Construction of Concrete Yards and streets in Rashdya Camp	1986	Supervising & Executing of works/project managing
2	Construction of Sheds & Trusses in Naser Institute	1987	Supervising & Executing of works/project managing
3	Surveying & Constructing of asphalt factory	1998	Supervising & Executing of works/project managing
4	Designing & Constructing of a mosque in Baghdad	2000	Over than 2000m2 with spans reach 9m length
5	Designing & Constructing of Hawkary Building in Baghdad	2005-2006	A five story building
6	Designing & Constructing of several resident houses in Baghdad	1997-2011	More than 29 houses in Rassafa & 4 in Carkh (both sides of Baghdad)
7	Constructing of two buildings in Erbil north of Iraq	2007-2008	Supervising & Executing of works/project managing for the show room 3 story building 50x50 m2 and Jebbal 8 story building

List of activities and major projects:

No.	Name of project and client	Year	Brief description of job performed
8	Construction of Swimming pool in Najaf	2009-2010	Supervising & Executing of works/project managing
9	Construction of Al-Nahar Street Mall	2010-2011	Designing & Supervising
10	Surveying & Constructing of Mall Al-Taher in Dewaniya	2011-2012	Supervising & Executing of works/project managing
11	Designing of Infra Structure for a residential project / west of Baghdad	2012-2013	Over than 1600 residential units to accommodates 12000 citizens
12	Designing of Al-Azizeya Mall in Baghdad Al-Mansour	2010-2011	Designing Of 6000 m2 commercial building (12 stories & basement with all BOQ's for Architectural, Structural , Electrical & Mechanical designations.
13	Designing of Amusement Park in Dewaniya / South of Iraq	2011-2012	Designing Of 59000 m2 entertainment project (7 buildings & games with all BOQ's for Architectural, Structural , Electrical & Mechanical designations.
14	Designing of Wedding Island in Dewaniya / South of Iraq	2011-2012	Designing Of 31000 m2 entertainment project (4 buildings & 52 challetes with all BOQ's for Architectural, Structural , Electrical & Mechanical designations.

No.	Name of project and client	Year	Brief description of job performed
15	Designing of Amusement Park in Ameria/ Baghdad	2013-2014	Designing of 4732 m ² entertainment project (4 buildings & games with all BOQ's for Architectural, Structural, Electrical & Mechanical designations.
16	Designing of Infra Structure for a residential project / west of Baghdad	2012-2013	Over than 1600 residential units to accommodate 12000 citizens
17	Designing of Yassamine Garden Residential Project in Kut	2013-2017	Designing of 76500 m ² Residential buildings (5 stories) with all BOQ's for Architectural, Structural, Electrical, Mechanical and Infra Structures designations
18	Designing of Dream Land Park in Dewaniya / South of Iraq	2017-2018	Designing of 204360 m ² entertainment project (11 buildings & games with all BOQ's for Architectural, Structural, Electrical & Mechanical and Infra structure designations.
19	Supervising and quality control on concrete works for Two Steel Structure wheat Silos of 30000 ton capacity each for behalf of Al-Qarnass construction company in Shatra & Kerbalah	2019-2020	Preparing of shop drawings with all BOQ's and QC issues on concrete hoops and concrete tunnels for the plant and bins.
20	Project management in residential project phase two in Jawaher Dijlah project / Baghdad / Kadhimiya	2021	Managing of subcontracting, managing of material and plants delivery in site; managing of Engineering staff and site requirements.

The Bureau Licence :

اجازة مكتب هندسي
Engineering Bureau License

جمهورية العراق
Republic of Iraq

نقابة المهندسين العراقيين
Iraqi Engineers Union

اسم المكتب : بلد السيلم الهندسي
اسم التسجيل : ٧٣٤
المحافظة : بغداد

استناد لقرار مجلس النقابة المورخ في ٢٠٠٩/١٢/٢٧
وبناء على توفر الشروط القانونية تقرر منح
المهندس : رافع فاضل ابراهيم
اجازة مكتب خدمات هندسية استشارية في:
اختصاصات المكتب : مدني - معماري - كورنيش - ميكانيكي
مرتبة المكتب : استشاري
الاجازة تالفة لغاية : ٢٠٢٣/١٢/٣١

مديره محله الراحمة لمرالبة الهيئة بحسب قانون المكاتبة الاحترافية غير الحكومية رقم ٢٠٠٣
رئيس لجنة المكاتب الهندسية
د.م. عادل حسن جاسم

نقيب المهندسين
ذو الفقار حوشى المخصوصي

Registered Name: **Balad Al-Silm Engineering**
Registration No: **734**
Registered Governorate: **Baghdad**
In Reference to the Board Decision dated **27/12/2009** and as the applicant fully comply to the
Legal requirements, this License is credited to
Engineer: **Rafea Fadhil Ibrahim**
Bureau Specialization: **Civil - Arch.- Elec. - Mech**
Bureau Rank: **Consultant**
License validity till: **31/12/2023**

The Bureau Licence :

لجنة المكاتب الهندسية
نقابة المهندسين العراقية
هوية مكتب هندسي
المرتبة (إستشاري)
رقم المكتب 734

اسم المكتب: بلد السلم الهندسي
اسم المؤسس: رافع فاضل ابراهيم
تاريخ التأسيس: 2009
الاختصاص: مدني-كهرباء-معماري-ميكانيك.
رقم الهوية: 65
تاريخ الاصدار: 04-01-2022
نافذة لغاية: 31-12-2023

النقيب
ذوالفقار حوشي خلف

IRAQ ENGINEERS UNION
Engineering Bureau Identity
Engineering Bureaus Committee
Rank (Consultant)
Bureau No. 734

Reg. Name: Balad AL- Silm Engineering Bureau
Founder name: Rafea Fadhil Ibrahim
Date of Reg : 2009
Specialization: Civil.-Architectural.-Electric.-Mechanical
ID Number: 65
Date of issue: 2022-01-04
vaild Till: 2023-12-31

جمهورية العراق
نقابة المهندسين العراقية

الاسم: رافع فاضل ابراهيم
الاختصاص: بناء وانشاءات
المرتبة: استشاري
الشعبة: مدني،
المحافظة: بغداد
رقم الانتساب: 40032
تاريخ الانتساب: 1984-11-26
تاريخ الاصدار: 2021-09-01
نافذة لغاية: 2023-12-31

النقيب
د. ازهار حسين صالح

REPUBLIC OF IRAQ
IRAQI ENGINEERS UNION

Name: Rafea Fadhil Ibrahim
Speciality: Construction & Building
Degree: Consultant
Division: Civil.
Governorate: Baghdad
Association No: 40032
Association Date: 1984-11-26
Issue Date: 2021-09-01
Expire Date: 2023-12-31

اتحاد المهندسين العرب

الإسم: رافع فاضل إبراهيم
الهيئة الهندسية: العراقية
التخصص: مدني
المؤهل العلمي: بكالوريوس
رقم العضوية: 9/716
تاريخ العضوية: 2011/1/20
رقم التسجيل بالهيئة: 1984/40032

النقيب
صالحه لده سنين

Federation of Arab Engineers

Name: Rafea Fadhil Ibrahim
Eng. Org.: Iraq
Specialization: Civil Eng.
Qualification: BSc.
Membership No.: 9/716
Membership Date: 20/1/2011
e-mail: arab_eng@hotmail.com - web site: www.arabfedeng.com

Valid for 2 years

The Bureau Licence :

Republic of Iraq
Ministry of Higher Education
and Scientific Research
University of Technology - Baghdad

الجمهورية العراقية
وزارة التعليم العالي والبحث العلمي
الجامعة التكنولوجية - بغداد

No.: 1402 BG
Date: 20/4/2009

جامعة التكنولوجيا
University Of Technology

جمهورية العراق
وزارة التعليم العالي والبحث العلمي
الجامعة التكنولوجية - بغداد

To : Whom It May Concern

GRADUATION CERTIFICATE

This is to certify that **RAFEA FADHIL IBRAHIM** (Iraqi Nationality), whose photograph is affixed above has been awarded the degree of B.Sc. in Building & Construction Engineering _ *Second Attempt* with grade of (*Pass*) on 14/10/1984 for the academic year 1983/1984.
Note that the period of study is four years after secondary school.

Dr. Osama Sultan Muhammed
University Registrar

Assist. Prof. Dr. Abdul Razzak T.Ziboon
Assist. Head of Department



Prof. Dr. NAMIR K. S. AL-SAOUDI
Head of Department

Note: 100-90 Ex. 89-80 V.G. 79-70G 69-60M 59-50Pass

ملاحظة: 100-90 امتياز 89-80 جيد جداً 79-70 جيد 69-60 متوسط 59-50 مقبول

The Bureau Licence :

REPUBLIC OF IRAQ
MINISTRY OF HIGHER EDUCATION & SCIENTIFIC RESEARCH,
UNIVERSITY OF BAGHDAD,
COLLEGE OF LANGUAGES,
EVENING SHIFT REGISTRATION UNIT

Our ref. 158 Date: 2/3 /2009

To / Presidency of Baghdad University / Students' Affairs Department

This is to certify that **RAFEA FADHIL IBRAHIM** (of Iraqi nationality), whose photo is affixed above, is one of the graduate students of our College (Day Shift) for the academic year 2001/2002. He was awarded the B.A. Degree in English with the grade (good) and with an average mark of 76.66 on 30/6/2002, noting that he ranked 10th out of 157 graduate students. We append below the marks he obtained during his period of study in the College.

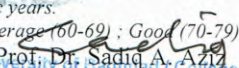
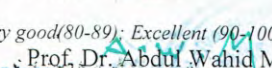
First year, 1998/1999			Third year, 2000/2001		
Subjects	Units	Marks%	Subjects	Units	Marks%
Grammar	2	74	Grammar	2	79
Pronunciation	3	70	Novel	3	76
Literature	4	76	Translation	2	81
Composition	2	83	Poetry	2	59
Comprehension	3	83	Linguistics	2	71
2 nd Language	2	81	Drama	3	70
Arabic	2	97	Essay	2	86
National Culture	2	93	2 nd Language	2	96
			National Culture	2	81
Result: Pass			Result: Pass		

Second year, 1999/2000			Fourth year, 2001/2002		
Subjects	Units	Marks%	Subjects	Units	Marks%
Grammar	2	65	Linguistics	3	71
Composit.&Comprehension	4	71	Grammar	3	78
Phonetics	2	72	Poetry	2	75
Speech Practice	2	92	Translation	2	78
Drama	2	67	Study of Literature	2	89
Poetry	2	65	Drama	2	84
Novel	2	72	Novel	3	57
Translation	2	71	Research Work	2	80
National Culture	2	74	2 nd Language	2	86
2 nd Language	2	99			
Result: Pass			Result: Pass		

Remark

1. Lowest pass mark: 50%
2. The average mark was calculated according to the following percentages of the study years: 10% for the first stage; 20% for the second; 30% for the third and 40% for the fourth.
3. The mark (*) denotes that the student passed in the subject at the second attempt.
4. The period of study is (4) academic years.
5. Grading system: Pass (50-59) ; Average (60-69) ; Good (70-79) ; Very good (80-89) ; Excellent (90-100)

Lamia Ridha Hassan
College Registrar

Prof. Dr. Sadid A. Aziz Prof. Dr. Abdul Wahid M. Muslat
 Asst. Dean For Student Affairs Dean, College of Languages

Translator
 The Bureau is NOT responsible for the contents of the original document.

8-3-2009

THE ENGINEERS AND THEIR SPECIALITIES:

Name : Salam Ahmed Hasan
Nationality : Iraqi.
Address : Baghdad- Iraq.
Mobile : +964 7715884689
Email : salam_arq@qarnass.com
Birth : Nineveh (Mosul), Iraq / june 25, 1964
Marital state : married.
Children : 6.
Languages : good in English,& Arabic (mother tongue).



Education:

- 1982- 1987: B.Sc. Degree in Electric & Electronic Engineering , University of Technology, IRAQ

Experience:

- 1987- 2003: Project manager (ministry of industry).
- 2004-2006: Construct a military hospital/ USA Corps of Engineers (USACE)/Camp Victory/Baghdad as Project manager (Sam Group Co.).
- 2006-2010: construction and executing various structures and projects for a governmental beneficiary side. As Project manager (Sam Group Co.)..Main project is construct 14 college building in university of kofa.
- 2010-2015 : projects manager of 3 grain steel silo(30000ton) with Scafco US company & Petkus German Company.
- 2003-2015 : Working for the private sector, capability of preparing bill of quantities estimating the costs and executing of civil ,Mechanical ,Electrical construction projects.

Personal:

Interests including correspondence, reading, learning and improving computer knowledge and skills concerned with Electronic hardware design and test ,Debug and emulation software,C-language programing , PLC Programing.

Skill & Abilities:

- Computer literate: C language programing, Microsoft office word,Exel,..etc. Using the internet, electronic mail and AutoCAD,3DMAX
- Planning works: use of critical path method (CPM) for computing a time for executing works.

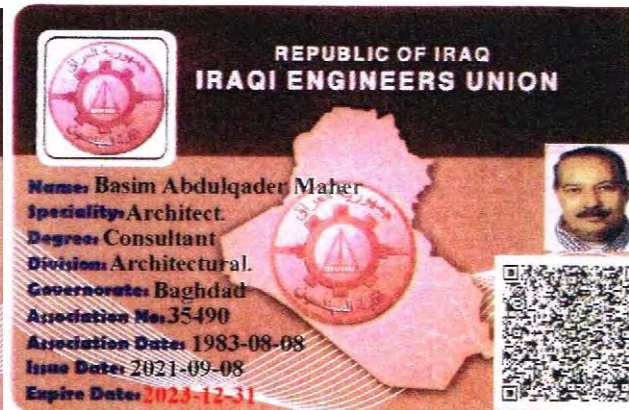
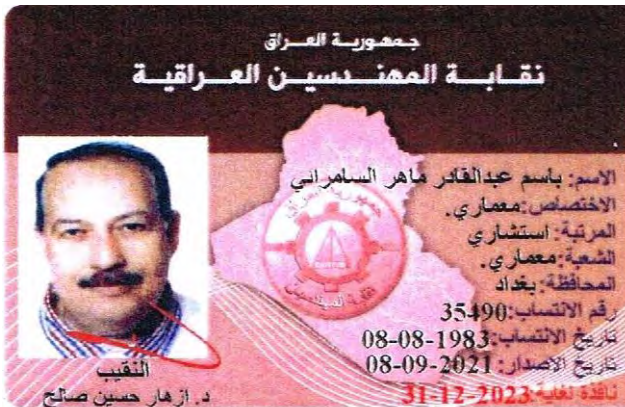
THE ENGINEERS AND THEIR SPECIALITIES:

ARCHITECTURAL ENGINEERS :

Name	Basim Abdulqader Maher
Nationality	Iraqi
Occupation	Consultant Architect.

ACADEMIC QUALIFICATIONS:

B.Sc. (Architecture Eng.), University of Technology, Baghdad, Iraq, 1983.



THE ENGINEERS AND THEIR SPECIALITIES:

C.V

Personal information

Name:	<i>Basim Abdulqader Maher</i>
Nationality:	<i>Iraqi</i>
Birth date:	<i>25 February 1961</i>
Gender:	<i>Male</i>
Marital status:	<i>Married</i>
Languages:	<i>Arabic (mother tongue),English</i>

Contact information

Street address: *Um Uthena- Amman-Jordan.*
P.O Box: *840470 Amman 11181 Jordan.*
City: *Amman.*
Location: *Jordan.*
E-mail: *Basimmahir@yahoo.com.*
Mobile: *00962788731600 - 009647809215148*

Education:

Institution:	<i>Technological University.</i>
Location:	<i>Baghdad- Iraq</i>
Completion Date:	<i>Completion Date: June 1983</i>
Degree, Major:	<i>Degree, Major: Bachelors- Architecture Department.</i>

Membership:

- *Member of the Iraqi Engineers syndicate. August 1983.*
- *Member of the chamber of commerce – Amman. July 2005.*

Objective: Career

Position sought: *Project manager / consulting engineer / site manager.*

Objective: *Eager to work in a company, which offers stability and development, and explores the spirit of creativity and determination.*

Professional Experience:

Dates: *July 2005- To 2008.*

Position in company: *Project Manger.*

Company name: *"Al Malwya" Co. For Housing.*

Company address: *Amman- Jordan.*

Work description:

11 *Project manger for amail co. as CM in the project to build 20 floors hotel (millennium Hotel) for EHR in shmesani/Amman – 1-2010 till 2015.*

2 *Project manger for CM2 co. in the project to build 9 floors hotel (IBIS Hotel) for AHC in Gardens/Amman – 2008 till 2009.*

3 *Designing the concept of "Al Raiah" town in Amman for the Singaporean company (Gold Mart Mega Trust pte ltd) to invest 350 million \$ - 2007.*

. *Convention with the Malaysian company (First Class Estate sdn.bhd.) to oversee the company's receipt of their share in Sarah towers in Mecca- Saudi Arabia – 2007.*

4 *Supervising on "Al raafa housing" co. to build a 7 floors building in Tla'a Al- Ali / Amman – 2006.*

Dates: *September 1992- To July 2005.*

Position in company: *Chairman.*

Company name: *"Dar Al Basim" For architectural design*

Company address: *Baghdad- Iraq.*

Work description:

5 *Preparation of architectural design and building construction for dozens of commercial buildings, villas, banks and school.*

6 *Drawings design for buildings in Beige power station in favor for the Italian company "Anisaldo co." – 2000.*

7 *"Kamal al- samra'ai Hospital for prenatal – 1996.*

8 *"Al Sajda" palace – 1994.*

9 *Terminations of Command Iraqi air force buildings- 1993.*

10 *Terminations of the national leadership buildings- 1992.*

THE ENGINEERS AND THEIR SPECIALITIES:

Dates: *May 1989- To September 1992.*
Position in company: *Partner.*
Company name: *"Al Mashreq co."*
Company address: *Baghdad- Iraq.*
Work description:
11 Decoration of the reception hall for the Minster of the local government- 1990.
12 Establishing a carpentry factory for wooden work and furnishings- 1989.

Dates: *1986- To May 1989*
Position in company: *Partner.*
Company name: *"Al Arab construction co.*
Company address: *Baghdad- Iraqi.*
Work description:
13 Concrete structures for workshop and administrative buildings for the Atomic energy organization- Baghdad – 1988.
14 The finishing of administrative buildings for the Atomic energy organization- 1989.

Skills:

- *Good computer skills (Words, Excel, E-mail, Internet, AutoCAD 2D, 3D).*
- *Strong interpersonal and highly motivated.*
- *Work effectively, independently, or as a team player.*

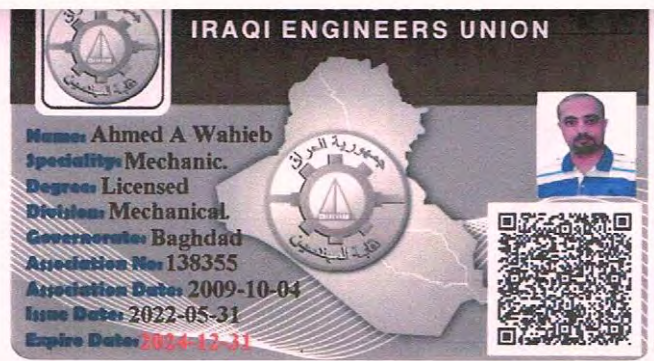
THE ENGINEERS AND THEIR SPECIALITIES:

MECHANICAL ENGINEERS :

Name	Ahmed Adil Wahieb
Nationality	Iraqi
Occupation	Licensed Mechanical Engineer.

ACADEMIC QUALIFICATIONS:

B.Sc. (Mechanical Eng.), University of Al-Mustansiryia University, Baghdad, Iraq, 2006



THE ENGINEERS AND THEIR SPECIALITIES:

CURRICULUM VITAE	
BAGHDAD	
Iraq	Tel: +964(0) 78 01 446 961
	Email: ahmad.mail2013@gmail.com

Personal Information

Name: Ahmed A. Wahieb

Education

2005–2006 : Al-Mustansirya University -Baghdad
Specialization : Mechanical Engineering

Work Experience

Period : December 2019 – Currently

Position : PLUMBING Supervisor

Company : LUKOIL Mid-East Limited – WQ2 OIL FIELD – IRAQ – BASRAH
(LUKOIL Mid-East Limited is an integral part of the LUKOIL Group which manages oil and gas exploration and production projects in Iraq).

- Lead and supervise the subordinated team of (PLUMBING and STP) technicians and operators executing maintenance activities;
- Report directly to Superintendent.
- Strong commitment and compliance with, safety rules, regulations, procedures and Company's HSE policy;
- Work performance and supervision of the working team for maintenance, repair and testing of equipment;
- Preparation of work plans, preparation and coordination of the work permits, preparation of lists of all required spare parts and materials needed for the work;
- Participate in development of PLUMBING and STP systems and equipment operating and maintenance logbooks, technical passports, reports and documentation. Participate in development of MECHANICAL equipment operation, safe maintenance and repair manuals;
- Report about all revealed shortcomings within his competence;
- To put forward a proposal regarding improvement of the activities implemented within this job position;

Period : July 2016 – December 2019

Position : HVAC Team Leader

Company : Anton Oilfield Services DMCC. –West Qurna 2 Project, Iraq

- Lead and supervise the subordinated team of (HVAC) technicians executing maintenance activities;
- Report directly to Project Manager.
- Strong commitment and compliance with, safety rules, regulations, procedures and Company's HSE policy;
- Work performance and supervision of the working team for maintenance, repair and testing of equipment;
- Preparation of work plans, preparation and coordination of the work permits, preparation of lists of all required spare parts and materials needed for the work;
- Participate in development of HVAC systems and equipment operating and maintenance logbooks, technical passports, reports and documentation. Participate in development of HVAC equipment operation, safe maintenance and repair manuals;
- Report about all revealed shortcomings within his competence;
- To put forward a proposal regarding improvement of the activities implemented within this job position;
- Issues PTW (Permit To Work), provides Tool Box Talking before job execution.

THE ENGINEERS AND THEIR SPECIALITIES:

Period : October 2014 – June 2015
Position : Mechanical Supervisor
Company :Tahakom Engineering Company (T.E.C) For Engineering Service & General Trading.

- Lead and supervise the subordinated team of (MEP) technicians executing maintenance activities;
- Implement and commissioning a plumbing system, Electrical works & Air-conditioning system.
- Report directly to Project Manager.
- Strong commitment and compliance with, safety rules, regulations, procedures and Company's HSE policy;
- Work performance and supervision of the working team for maintenance, repair and testing of equipment;
- Preparation of work plans, preparation and coordination of the work permits, preparation of lists of all required spare parts and materials needed for the work;
- Participate in development of MEP systems and equipment operating and maintenance logbooks, technical passports, reports and documentation. Participate in development of HVAC equipment operation, safe maintenance and repair manuals;
- Report about all revealed shortcomings within his competence;
- To put forward a proposal regarding improvement of the activities implemented within this job position.

Period : April 2014 – September 2014
Position : Senior Mechanical Engineer (Projects & Factory -Air Duct- Operations)
Employer : TEMSA Industrial Engineering (Turkish Company)

Tasks and responsibilities:

- Responsible for installing HVAC system in linear accelerator building in Al-Danon dairy factory.
- Responsible for all electrical works on HVAC system
- Supervise a team of factory technicians where we fabricate all tubes of Air ducts for the HVAC
- Responsible to review the quality of the work being completed so that I can assess the performance of my team
- Share Ideas with the team on the development of the HVAC systems and responsible to choose which equipment where needed.
- Report to my supervisor about the condition of the HVAC and the repairs needed

Period : November 2012 – Marsh 2014
Position : Projects Supervisor / Mechanical Engineer
Employer : Ahl Alkhibra For HVAC Contracting

Tasks and responsibilities: supply, install & Maintenance

- CHEVRON (USA) Oil company – Erbil (Air-conditioning work).
- TOTAL (FRANCE) Oil Company – Erbil (Return Air System work).
- TAQA GLOBAL (UAE) Oil Company-Erbil (Electrical & Fresh Air System Work).
- DNO Oil Company – Erbil (Ventilation system).
- TOTAL French oil company – Erbil (Ventilation system).
- Marathon Oil company – Erbil (Ventilation system).
- University of Duhok - Duhok (HVAC System).
- Erbil Power Plant – Erbil (HVAC system for Technical & Battery Rooms).
- Duhok Power Plant – Duhok (HVAC system for Technical & Battery Rooms).
- Duhok Power Plant – Duhok (HVAC system for Management Buildin).
- Sulaymania Power Plant – Sulaymania (HVAC system for Tchnical & Battery Rooms).

THE ENGINEERS AND THEIR SPECIALITIES:

Period : September 2011 – November 2012

Position : Maintenance Engineer
Employer : AIYASRA Company

Tasks and responsibilities:

- Responsible for maintenance and commissioning MEP systems for (Infrastructure)
- Water Supply & Water Disposal processes in accordance with Infrastructure Facilities Procedures.
- Predict and recommend development and update maintenance strategies, maintenance plans, operation activities instructions, procedures, guidelines according to Infrastructure.
- Responsible for maintenance and commissioning HVAC system in the building.
- Elevators, Chillers, Feed water pump motors, disposal water 1MVA Generators, cold stores and reinstall damaged cables for electrical rooms)
- Maintenance TEXAS CHICKEN RESTURANTS (five BRUNCHS) – Erbil & DUHOK (MEP Maintenance Work).

Period : February .2008 – September 2011

Position : HVAC Eng.(Executive & Maintenance Engineer / Daikin Agent)

Employer : Iraq Technical Support (I.T.S)/ DAIKIN Airconditioning Division

Tasks and responsibilities: supply, install & Maintenance

- ASIA CELL (IRAQ) Mobile Telecommunications Company – MSC03 Sulaymania (MCQUAY Chiller SYSTEM + child water pumps system)
- ASIA CELL (IRAQ) Mobile Telecommunications Company – MSC03 BAGHDAD (DAIKIN VRV SYSTEM)
- FAROUQ Group Holding BUILDING - Sulaymaniyah (1400 R.Ton DAIKIN VRV SYSTEM).

Period : December. 2006 - March. 2007

Position : Assembly & Maintenance Engineer
Employer : AFAQ FOR INDYSTRY COM.(SYRIA)

Tasks and responsibilities

- Responsible of Assembly the new machine and test is with maintenance after sales

Skills and qualifications

- Good Reports writing
- Professional in writing reports.
- Professional in office programs
- Qualified to operate and maintain Sewage Water Plant
- Good experiences in HVAC systems
- Have a good skill with manage employees.
- Applies specialized knowledge of engineering principles and practices across various areas.
- Supports projects in the identification and understanding of client requirements to develop technical specifications, implementing designs, to deliver high performance, low-cost equipment or system results integrated with customers' products.
- Interfaces with sales, manufacturing, and marketing teams to design and deliver client solutions.
- Develops and delivers training on client applications.
- Applies technical expertise on complex components or projects with minimal supervision.
- Leads small projects or portions of large projects.
- Provides technical direction for a project or a project team.
- Participates as a key contributor and is accountable for project success.
- Influences at department or program management level.
- Provides input on program-related decisions.
- Proposes innovative initiatives and projects.
- Demonstrates depth of knowledge of engineering discipline(s) and leverages expertise on other projects.
- Troubleshoots complex problems and recommends appropriate actions.
- Assists with the transfer of knowledge; coaches and mentors less experienced engineers.

THE ENGINEERS AND THEIR SPECIALITIES:

Training and courses: -

- Waste Water Treatment Training Course (EGY CET – Egypt)
- IMIST – International Minimum Industry Safety
- (VRV TRAINING & CHILLERS PRODUCTS) from DAIKIN training Center(Singapore).
- Basic H2S Training - Stirling Group (Retrata) – Lukoil WQ#2
- Designated First Aider - Stirling Group (Retrata) – Lukoil WQ#2
- Fire Fighting Basic - Stirling Group (Retrata) – Lukoil WQ#2
- Oil spill Response - Stirling Group (Retrata) – Lukoil WQ#2
- Working at Height - Stirling Group (Retrata) – Lukoil WQ#2
- Confined Space Entry - Stirling Group (Retrata) – Lukoil WQ#2

Languages:

- Arabic (Mother Language),
- English (Very Good),
- Turkish (Average)

Driving Licenses:

Have driving Licenses - Iraq

Hobbies:

- Watching and reading scientific reports
- Reading Books
- Fishing

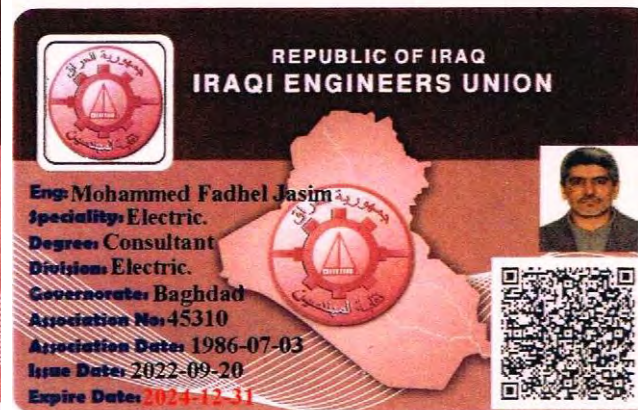
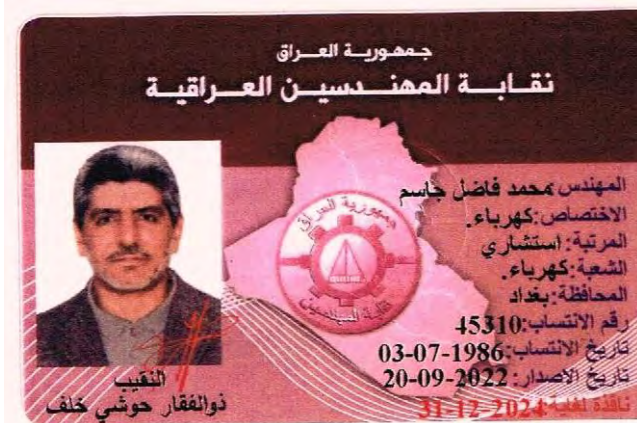
THE ENGINEERS AND THEIR SPECIALITIES:

ELECTRICAL ENGINEERS :

Name	Mohammed Fadhel Jasim
Nationality	Iraqi
Occupation	Consultant Electrical Engineer.

ACADEMIC QUALIFICATIONS:

B.Sc. (Electrical Eng.), University of Technology, Baghdad, Iraq, 1985.



THE ENGINEERS AND THEIR SPECIALITIES:

Personal C.V

Name: Mohammed Fadhel Jasim
Nationality: Iraqi

Date of birth: 1962

Sex: Male

Marital status: Married
Profession: Electrical Engineer

Qualification: BSC in Electrical Engineering University of
technology — Baghdad 1985.

Address: Mail: mohammed _fj62@yahoo.com

Mobile: 079016 76919

Key experience

A consultant engineer with 28 years in
distribution board low voltages and
medium voltage, sub — stations control
circuit, motors, cable, plc software,
supervising, estimating and managing
projects.

Experiences

1987 — 1992

THE ENGINEERS AND THEIR SPECIALITIES:

Electric engineer in (PC4) petro — chemical project with bachtel company (TEHCORP Company) and carried out many 11KV / 400 V and 33KV/ 400V sub — station, lay high and low voltage cables and electrical work for lighting.

1992 — 1996

Technical manager in Ja'ama electrical industries company for products low and medium voltage distribution and control boards.

1997 — 2004

Private sector (local market)

- Rehabilitation of (2X 16 MVA) sub - station 33KV/11KV for sodium — carbonate project with state industries designs and construction Co. (SIDCCO).
- Renovation of sub —station (2X1500 KVA) 11KV/400V Al Foo Company.
- Rehabilitation of Wahda water plant (low and high voltage distribution boards) with Al Foo Company.

2005- 2008

- Electrical engineer in design department (ICCB) company in Erbil -Iraq and execute many projects hospital, schools.

2010 - 2022

Electrical engineer with Modren Trade Agency (MTA) representative of Maschinenfabrik Reinhausen (MR company) in Baghdad – Iraq .
And I have many certificate from MR Company in :

- MR TAP — changer equipment
- MR automatic voltage regulators Tapcon.
- Messko transformer accessories.

Attached photo of certificate

THE ENGINEERS AND THEIR SPECIALITIES:



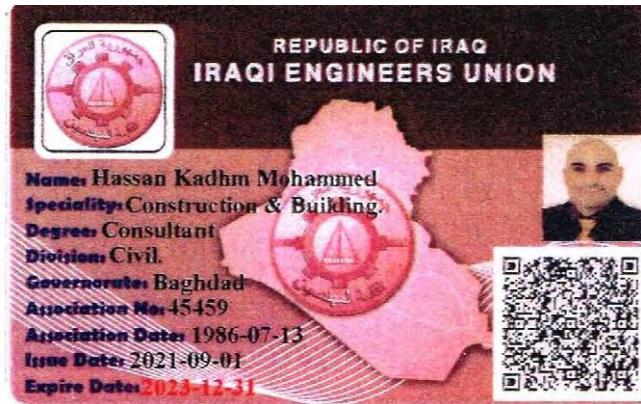
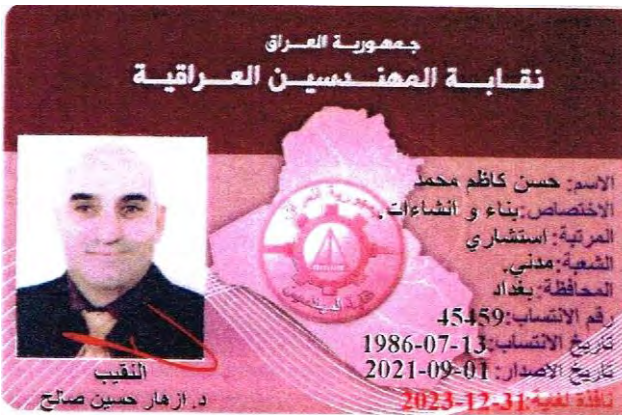
THE ENGINEERS AND THEIR SPECIALITIES:

CIVIL ENGINEERS :

Name	Hassan Kadhum Mohammed
Nationality	Iraqi
Occupation	Consultant Civil Engineer.

ACADEMIC QUALIFICATIONS:

B.Sc. (Civil Eng.), University of Technology, Baghdad, Iraq 1986

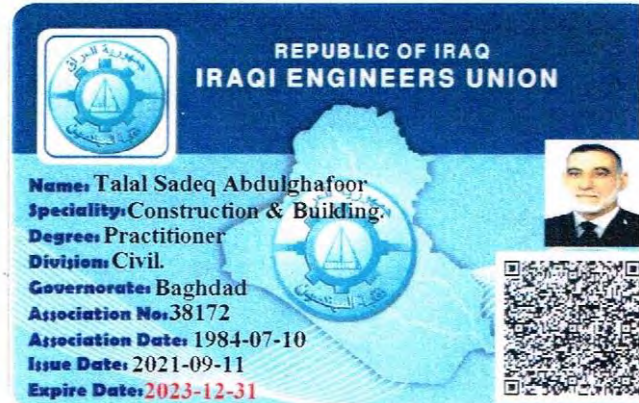


THE ENGINEERS AND THEIR SPECIALITIES:

CIVIL ENGINEERS :	
Name	Talal Sadeq Abdulghafoor
Nationality	Iraqi
Occupation	Practitioner Civil Engineer.

ACADEMIC QUALIFICATIONS:

B.Sc. (Civil Eng.), University of Technology, Baghdad, Iraq, 1984



List of references available in the bureau library:

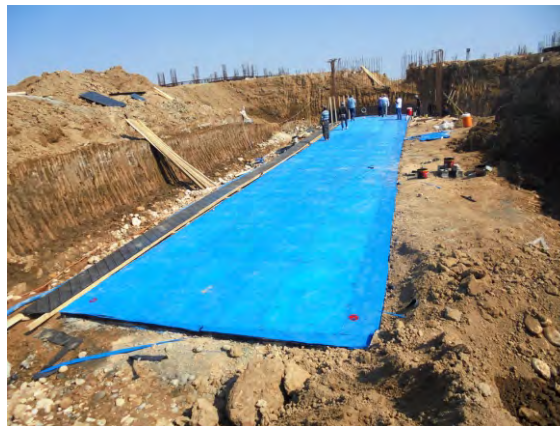
Design of steel structures.....P.DAYARATNAM.
Steel Designers' Manual BUICK DAVISON& GRAHAM.
Manual of STEEL CONSTRUCTION.....AISC.
Structural Engineering Handbook....EDWIN H. GAYLORD,JR.
Fundamentals of Structural Analysis....SUJIT KUMAR ROY.
Design of Concrete Structures.....WINTER/NILSON.
Properties of Concrete.....A.M.NEVILLE
. ACI 318 — 2014.
Foundation Analysis and Design...JOSEPH E. BOWLES.
Reinforced Concrete Designer's Handbook....CHARLES
Engineering Handbook...HANS F. WINTER KORN.
Building Construction Handbook.....FREDERICK S. MERRITT.
Quantity Surveying.....P.L.BHASIN.
Strength of Materials.....FERDINAND L.SINGER.
Introduction to Mechanics of Solids.....EGOR P. POPOV.
Advanced Engineering Mathematics....ERWIN KREYSZIG.
Project Management with CPM and PERT.JOSEPH J. MODER.
Architectural Graphic Standards....RAMSEY/SLEEPER.
Handbook of Specialty Elements in Architecture.....AIA
..Handbook of Civil Engineering Calculations..Hicks

In addition to these books, there is a big soft ware library contains many electronic books, drawings in all branches of Engineering.

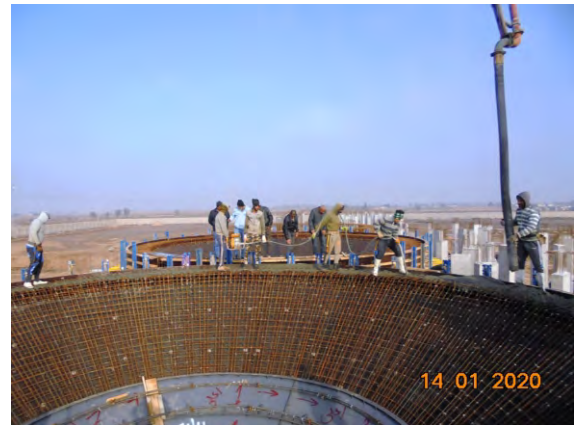
The major projects :

With the next few papers a summary with photos about the major projects handled by the bureau during the last decade in North, Middle and South of Iraq.

Each Silo consists of 20 bins with capacity of 1500 Ton thus the total capacity would be 30000 ton .The soil type of Shatra includes clay and silt where precast piles would proper for sustaining each bin load separately.



A reinforced concrete ring beam rest on piles will support 12 rectangular columns that in return will support a similar upper rectangular reinforced concrete beam that holds a concrete conical hopper of 10.35 m diameter



Two rows of bins , 10 bins for each row divided into two groups by a six stories work house steel structure building in the middle represents the heart of the silo where loading and unloading processes can be managed together at the same time.



The loading area consists of further four loading bins with telescopic spouts two for trucks loading and two for train loading
The silo includes aspiration system to remove the dust and collect it in dust and impurities bins.



The bins are provided with emergency side discharge pipe and emergency access side wall door. The silo would be provided with passages ,stairs , to ease maintenance .



Two grain cleaners with cleaning machines to clean all the unwanted materials (dust, hay, stones...etc).
The silo is provided with chain conveyors



Bucket elevators are the main device for vertical movement of the grain installed in the workhouse building. The power station includes necessary boards and electric transformers.



The PLC control system includes industrial computer & monitors that would facilitate operation of all silo activities (receiving, loading, cleaning, circulating).

Two truck damper is available for unloading process.



The Loading bins for trucks rest beside the workhouse building.
The availability of passages in the upper side of the silo provides ease for workers to move , erect and check.



**BALAD
AL-SILM
ENGINEERING
BUREAU**

The project consists of a commercial building with 2 stories over 35000 m² and with a built area around to 6000 m². The building includes a ramp leads to the hyper market and a loading area

Balad Al Silm
A SITE IN
DEWANIYA
Al-Taher mall



BALAD
AL-SILM
ENGINEERING
BUREAU

Balad Al-Silm

A SITE IN
DEWANIYA
Al-Taher mall

As the building was intended to serve as a mall and commercial stores ; a great intention was taken to provide air conditioning for the hyper market and other stores, the site is designed to fulfil all the needs of the customers including a wide car park for over 500 cars

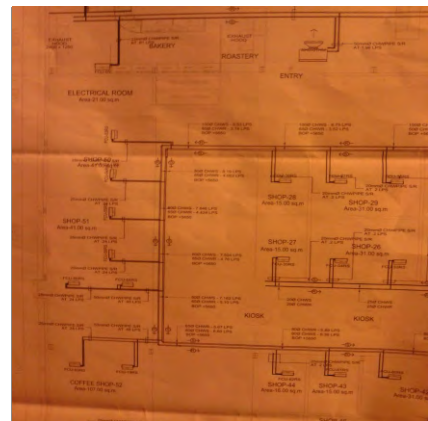


BALAD
AL-SILM
ENGINEERING
BUREAU

Balad Al Silm

A SITE IN
DEWANIYA
Al-Taher mall

The facade was designed to include modern architectural elements finished with permanent fixed colored materials mixed with metallic strips to allocate rendering areas along the facade and providing large areas for advertisements



**BALAD
AL-SILM
ENGINEERING
BUREAU**

Balad Al-Silm

**A SITE IN KUT
Al-Yassamine Garden
Residential Project**

The project consists of 10 multistory buildings of four and five stories over 76500 m2 area at the entrance of Kut city. 760 apartment units of 100 m2 area in addition to Mosque , three schools, four retails, medical center and administration building

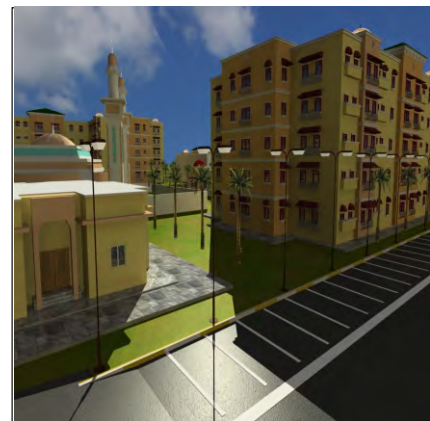
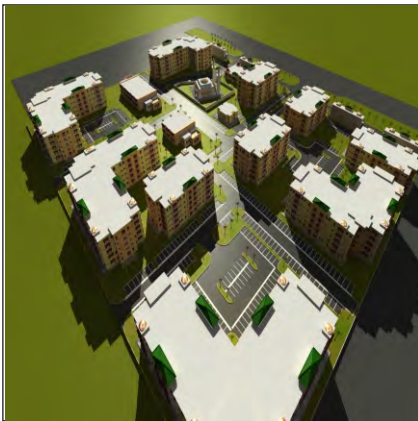


BALAD
AL-SILM
ENGINEERING
BUREAU

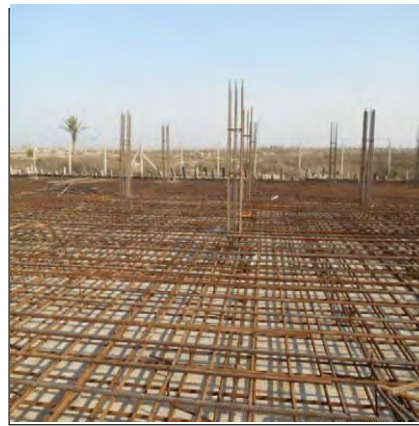
Balad Al Silm

A SITE IN KUT
Al-Yassamine Garden
Residential Project

More over than 594 car parks were distributed all around the site with roads that divide the site into sectors which facilitate the movement and traffic among the buildings . plants with green areas were provided also to enhance the architectural function.



The footings are designed according the bearing capacity of soil in Kut which is 65 KN/M2 and all the footings are rafts (mat foundations) with areas suitable for carrying service loads of all the columns according the bearing capacity of the soil. The concrete is of type C20 with sulfate resistant cement.



The construction process included the start of several buildings and the installing of two concrete plants that the rate of feeding of concrete will lead all the relative activities in site. All necessary laboratory tests are taken in site.



The construction of brick walls is associated with the construction of concrete frames so as to all the building will be delivered to the finishing process thus many recesses , friezes ,metopes and corbels are made in combination of brick and concrete works according to the architectural drawings.



The project consists of a commercial building with 4 stories and a basement erected over a 500m² land, that is with a built area around to 2500m². The building includes a ramp leads to the basement and a loading area adjacent to the elevator.



As the building was intended to serve as a medicine store ; a great intention was taken to provide air conditioning for the basement and other stories, an elevator for goods to lift the medicine to the stories directly from the truck through the loading area in the entrance of the building



The facade was designed to include modern architectural elements such as arches finished with permanent fixed colored materials mixed with metallic strips to allocate rendering areas along the facade



The interiors were designed to give the same impression of modern building specially for the administration sector which was wide with false ceiling cool colored decorated with spotlights



The project consists of a wide hall of 370m² contains columns with 7&9 meters spans holding a brick dome of 9m diameter surrounded by flat slabs held by inverted beams with rainwater inlets in holes fit to roofing tiles level and where it is allowed structurally



The project consists of a big show room 50x50m² with basement and 3 stories including wide spaces , in addition to an office building consists of 4 stories with basement next to the big show room.



The buildings were designed and erected in a simple manners of repetition in using the frame works and reinforcement; the amounts of concrete (600m³ for one slab) were cast easily(it took 12 hours to cast one slab).



The building code specifications for expansion joints were limiting the need for such joints with building exceeds 150 ft -200 ft in length ; this had excluded the show room which was in limit.



During the constructing of the ground floor columns a decision was made to re-evaluate the weights and measurements of footings to see whether it is possible to put additional two stories and the results were good if we just enlarge the columns sizes and add few reinforcement bars to them.

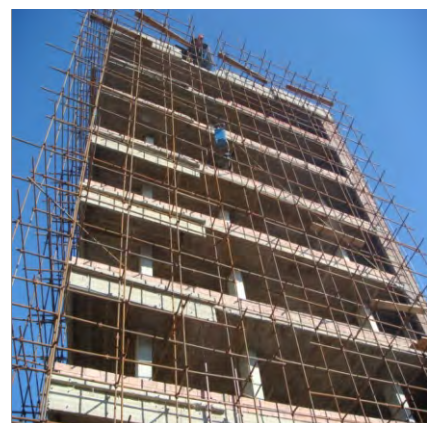
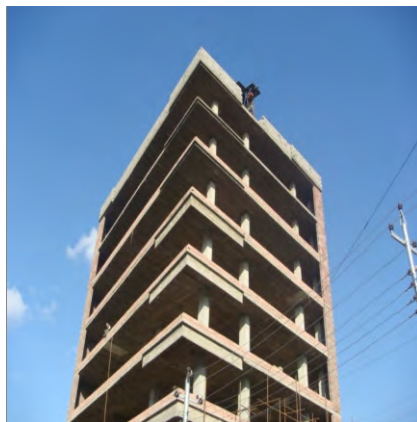


**BALAD
AL-SILM
ENGINEERING
BUREAU**

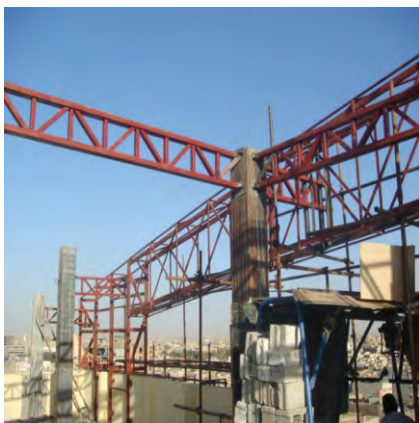
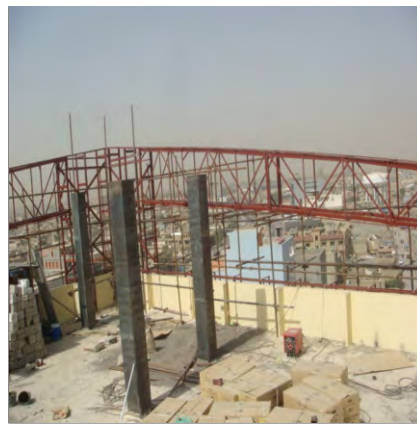
Balad Al Silm

**A SITE IN ERBIL
JIBAL CO. OFFICES**

The project consists of 8 stories building with basement , built on 400m2 land on the main 60 m width circular street in Erbil. The building is provided with two elevators to transmit the staff along it. The ground floor with the basement are used as a showroom for Jibal co.

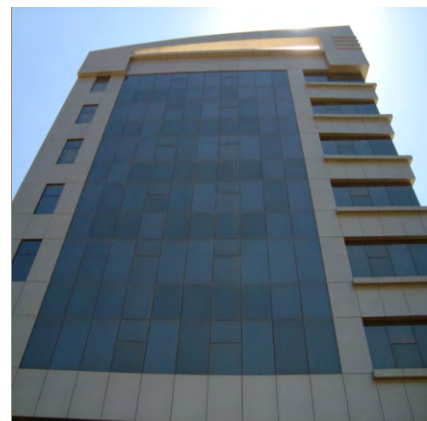


There are two big arches at the top of the building joined at the corner covered with metallic sheeting which distinguish the building ; to support this mass we added a steel structure frame fixed on the main columns of the building designed in software (STAAD Pro.) with calculations for the weights and wind load.



Erbil lies in the zone of seismic forces and the wind loads are greater than those in Baghdad thus a suitable choice was to put the elevators and the stairs together as a big concrete mass to sustain these forces.

The interiors also helped to give the impression of a modern building.



Ministry of Youth has initiated many projects all around the country; one of them is an open Olympic swimming pool in Najaf . A 20X50m2 swimming pool, 20x50m2 diving pool , several halls for fitness, sawna baths and an administration building with basement and tunnels around the pools to accommodate pumping and water curing



To avoid the high water table level in soil, the site was lifted by 90cm and a de-watering process persisted during the sub-structure executing period. A huge concrete casting process (1700m³) for the raft beneath the diving pool and the basement was done. It took 16 hours for three concrete plants, four concrete pumps and fleet of truck mixers to finish the job.

A SITE IN NAJAF
MINISTRY OF YOUTH



Several trial mix design jobs were done to reach the appropriate mix job with admixtures for 120 cm thickness raft cast in hot weather, intended to be impervious suitable for swimming pools. The raft included two parts with difference in finished level within 1.2 m thus we needed steel plate molds supported with bars to sustain the concrete of the higher level.



The lower raft casting was followed by another casting for the wall between the two pools and later on a second huge raft beneath the swimming pool(1100m³) which took 12 hours for two concrete plants and two concrete pumps to finish it.



The project included filtration and sterilizing of water through a net of piping collecting over flow water and draining the pools. During the sub-structure period , a decision was made to cover the pools and the bleacher building with a steel structure roof , a redesigning was made included adding new columns and additional reinforcement to other existing columns.

