



Headquarters:

Ashrafieh, Charles Malek Ave. Sole Center
P.O.Box 16-5611 Beirut-Lebanon
Tel: +961 1 215111
Fax: +961 1 219500
contacts@manenterprise.com

Lebanon Branch:

Ashrafieh, Charles Malek Ave. Sole Center
P.O.Box 16-5611 Beirut-Lebanon
Tel: +961 1 215111
Fax: +961 1 336222

Qatar Branch:

D Ring Road, Al Emadi Building, 2nd floor
P.O.Box 22373 Doha-Qatar
Tel: +974 4455 3366
Fax: +974 4455 3377

Libya Branch:

Al Ghazala Intercontinental Hotel Project
Tripoli-Libya
Tel: +218 21 3331514
Fax: +218 21 3331513

UAE Branch:

Al Nahyan Camp,
Muhammed Khalifan Al Romaithy Bldg., 5th floor
P.O.Box 29530 Abu Dhabi-UAE
Tel: +971 2643 1167
Fax: +971 2643 1176

Iraq Branch:

Basra Sports City, Basra-Iraq
Tel: +964 7714129777
+ 964 7714129778

Ghana Branch:

Independence Avenue
Movempick Ambassador Hotel, Suite 214
Accra-Ghana
Tel: +233 30 2669699

Congo Branch:

1595 Avenue des Trois Martyrs
Batignolles, Brazzaville-Congo
Tel: +242 056157379

Kingdom of Saudi Arabia Branch:

Jarir Bookstore Building,
King Abdullah Road, Riyadh-KSA
Tel: +966 112771394
Fax: +966 112771465



Lebanon Branch:

Ashrafieh, Charles Malek Ave. Sole Center
P.O.Box 16-5611 Beirut-Lebanon
Tel: +961 1 215111
Fax: +961 1 336222
www.metrixmep.com

Qatar Branch:

D Ring Road,
Al Emadi Building, 1st floor
P.O.Box 31373 Doha-Qatar
Tel: +974 4455 3311
Fax: +974 4455 3322



Nahr El-Mot, Industrial Valley
P.O.Box 90 1980 Jdeideh, Metn-Lebanon
Tel: +961 1 879111
Fax: +961 1 879222
www.tecmanindustry.com



Ashrafieh, Charles Malek Ave. Sole Center
P.O.Box 16-5611 Beirut-Lebanon
Tel: +961 1 215111
Fax: +961 1 336222
www.tecman.co

MAN news

JUNE 2014

NEWSLETTER ISSUE 5



IN Focus



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UPDATES FROM THE FIELD

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ACTIVITIES & EVENTS

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MOVING FORWARD

My career with MAN Enterprise started in December of 2000 as Project Manager on the ABC Shopping Mall, a landmark commercial project in the heart of Ashrafieh.



| Melhem Matar |

In 2003, I served as Project Manager on the City Mall Project, the largest commercial development in Lebanon of built-up area exceeding 200,000 m². This fast track project was a huge success for MAN Enterprise thanks to the contribution and support of a dedicated and professional team.

Two years later, MAN's reputation grew and another opportunity presented itself as Le Gray Hotel was awarded to MAN. Subsequently, I had the privilege of leading another dynamic team of MAN staff on a successful project during challenging times.

At the end of 2009, I had shifted careers and held the position of Corporate Business Development Manager. By that time, MAN had exponentially grown in Qatar, the UAE, and Libya, and our chairman's strategic vision was to develop opportunities across the MENA region. The impact of the financial crisis of 2008 had affected many of the region's markets and growth slowed. Surprisingly, the Lebanese market, unaffected by the crisis, showed vigorous signs of recovery and the construction market boomed. As a result, MAN

succeeded in acquiring the most prestigious high rise tower projects in Beirut.

In order to continue growing abroad, MAN had to explore new markets in the MENA region, develop additional networks, and expand its clientele in various business areas. The challenges were many, and as more companies withdrew from the affected areas they were redeployed and fiercely competing on a lesser number of projects in fewer countries.

Other areas and sectors are being targeted with the aim of diversifying MAN's portfolio. The challenges are now greater. The diversification strategy embraced by MAN's leadership will allow the company to benefit from opportunities in new areas, decrease the risks related to volatile construction sectors, and benefit from MAN's reputation in order to grow into new dimensions. MAN's strategy to date has led to the opening of new branches in Iraq, Ghana, and the Congo where projects are currently under way. Learning how to conduct business in demanding environments and diverse cultures is a

continuous process that adds to the experience and collective knowledge of the company while enhancing performance and skills.

This wide exposure, the skills of MAN's teams, and their performance throughout all projects has placed MAN at a regional level among the best of the industry. Clientele from countries across the Middle East, Asia, and Africa are now approaching MAN to contribute to their high profile projects.

To sustain this vision, MAN's Board of Directors has launched an ambitious restructuring plan at all levels that will allow MAN to grow as a corporation in the years to come.

Having witnessed and shared, as many others did, the path of MAN over the past decade, I can look confidently into the future and say that I am proud to be a member of a company that embraces high ethics, continuously develops, and remains distinguished in its professionalism.

Melhem Matar

Corporate Business Development Manager
MAN Enterprise - Corporate

NEWLY AWARDED PROJECTS



Sageesse University Extension

Beirut, Lebanon

Client: Maronite Archdiocese of Beirut

General Contractor:
MAN Enterprise

Engineer: Agostine & Raphael Group

Duration: 1.5 years

Start Date:
April 1, 2014

Scope of Work:
Enabling works, structural works, architectural works, MEP & internal finishes



The project consists of one building for two faculties, 'Polytech and Sante', with a 13,200m² of built-up area, distributed on two underground floors (parking and technical rooms), a ground floor (lobby and auditorium), and five upper floors (administrative, laboratories, and classes). It is an extension for the existing Sageesse University, respecting its architectural concept.



Holiday Inn Hotel at the Business Park

Doha, Qatar

Client: Shk. Mohamad Bin Hamad J.A. Al-Thani

General Contractor:
MAN Enterprise

Engineer: Arab Engineering Bureau

Duration: 25 months

Start Date: June 1, 2014

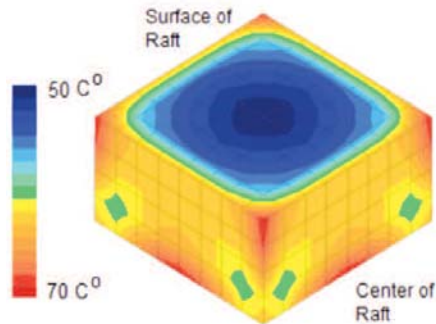
Scope of Work:
Structural works, architectural works
MEP works, ID, fit-out, finishing works, external



The project is comprised of the construction and delivery of the Holiday Inn Hotel building as a fully functional 4 star hotel consisting of three basements, one ground floor, one mezzanine floor and seven upper floors (3B + G + M + 7) with an approximate overall built-up area of 35,000 square meters.



STRESS INDUCED CRACKS IN MASS CONCRETE



| **Figure 1:** Finite element model illustrating the dissipation of heat of hydration for a typical concrete section

Ref: Heat of Hydration Analysis in Lusas Finite Element Software (www.lusas.com)

MAN is proud to be one of the few contractors that has successfully applied advanced methods and measures for monitoring and controlling stress induced crack formations in mass concrete for several large scale projects such as Beirut Terraces, Sama Beirut, Crédit Libanais Headquarters and Sky Gate.

By applying the methodology and recommendations stated in ACI-20, along with field experience, the in-house team of engineers is able to predict the behaviour of almost any mass concrete columns and mat foundations, thus determining the required measures needed to avoid high temperatures and excess heat differentials due to heat dissipation. If not controlled, it may lead to the formation of micro-stress-induced cracks during and after the pouring activity.

Mass concrete structures include massive mat foundations, dams, and other concrete structures with a minimum dimension exceeding 1.5 meters.

As the interior temperature of mass concrete rises through heat of cement hydration (due to the reaction taking place between cement and water), the outer concrete surface may cool and contract at a different rate than that of the core (refer to figure 1). In this case, three constraints must be monitored.

First constraint: If the temperature difference exceeds 20 degrees between any two points within the structure, then the section may be subject to cracking.

Second constraint: ACI and most international standards recommend that the concrete temperature be kept below 70 degrees Celsius (never to exceed 80 degrees Celsius) in order for the concrete to maintain its intended strength and durability.

Third constraint: The duration of the time required for the concrete to gain its thermal stability.

In order to ensure that all constraints are kept well within acceptable limits and

“ DID YOU KNOW... ”
that a concrete wall 15 cm thick would need about 1 1/2 hours to cool and become thermally stable while a 152 m thick section, such as the Hoover Dam, would take some 200 years to achieve the same degree of thermal stability. **”**

in-line with project specs, the design team analyzes temperature variations in the mass concrete structure according to ACI-207. Based on the results, several recommendations are given to the site team in terms of a) the required thickness of surface insulation, b) the type of cement and optimal cement content that should be used, c) estimated peak temperature and when it is expected to occur, d) necessary curing and gradual cooling methods, e) possible location of thermocouples for measuring real time concrete temperatures.

For some of MAN's past projects, cement manufacturers have had to produce a special low heat of hydration type of cement. These projects were the first attempts to use this practice in Lebanon.



| **Photo 1:** Temperature probes in mat foundation

As shown in Photo-1 from one of MAN's sites, several readings are taken from varying depths in the mat foundation.

Following the pouring, and after registering the temperature of the freshly delivered concrete, the site team arranges to insulate the surface of the mat foundation (Photo-2.) or columns such as the massive 2 meter diameter columns encountered on the Credit Libanais project (Photo-3).

Why use insulation?

Insulation is essential in order to keep the temperature differential within acceptable limits between the surface



| **Photo 2:** Insulated mat foundation at the Sky-Gate project.



| **Photo 3:** Insulated massive columns at Crédit Libanais project

For the two meter diameter columns in Photo-3, samples had to be sent via courier to France for them to be tested for delayed ettringite formation as the required test was not available in the Middle East. The test was intended to verify that the integrity of the concrete was intact and the result was successful. Below are some images of the test results.

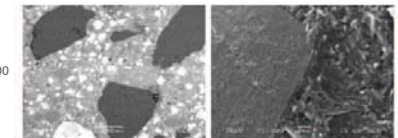


Photo 1

Photo 2

| **Photo 1:** Overview, flat polished section, SEM, BEC, x200

| **Photo 2:** Cement, paste-aggregate interface, fracture, SEM, SEI, x1000

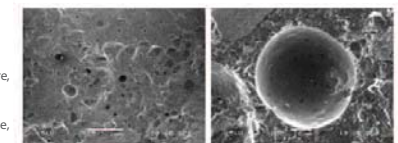


Photo 3

Photo 4

| **Photo 3:** General view, fracture, SEM, SEI, x25

| **Photo 4:** Empty pore, fracture, SEM, SEI, x600

of the concrete and the outside ambient temperature. Otherwise, this violates the first constraint.

On the other hand, the insulation cannot be kept permanently as it will then contribute to the increase of temperature which would rise due to the chemical reaction taking place. This would violate the second constraint.

This is why careful and diligent ventilation and curing are required. This occurs by

temporarily removing alternate insulation sheets and returning them periodically.

Ventilation and curing are continued for as long as needed until the concrete has attained thermal stability and this concludes the process of limiting stress induced cracks in mass concrete.

Joe Jeha
Corporate Operation Department



Established in 1990, Metrix is an ISO certified electro-mechanical company that provides innovative state-of-the-art construction solutions.

Having a reputation for quality and superior workmanship has enabled the company to include some of the region's finest projects in its portfolio.

Headquartered in Beirut, Lebanon, Metrix expanded its operations by constantly taking on large scale projects in the Arab Countries, Gulf and North Africa.



METRIX: ELECTRO-MECHANICAL CONTRACTING

Metrix established its reputation through high-tech achievements by ensuring the accuracy of their works by strictly adhering to the clients' project specifications.



OUR AIM IS TO CULTIVATE A SAFE, ENERGETIC AND RATIONAL WORK ENVIRONMENT THAT PROMOTES INDIVIDUAL GROWTH, ENCOURAGES INGENUITY, VALUES TEAM-WORK AND REWARDS SUCCESS



Metrix aspire to grow on both a personal and organizational level while remaining true to corporate values. Metrix's reputation for long-lasting, quality relationships and workmanship has enabled it to build a portfolio for some of the region's finest projects.

With a team of more than 150 employees, Metrix's formula for success is clear and simple: a comprehensive engineering process, effective project management, the pursuit of excellence and quality, and ongoing training to thoroughly understand customer requirements.



| Control Room

Market Sectors:

1. Construction:

Residential, Commercial, Educational, Hotel and Resort Facilities

2. Manufacturing:

GI and Pre-insulated Phenolic Duct Factory

3. Infrastructure

4. Special Construction:

District Cooling, Data Center, Rail Infrastructure, Waste Water Treatment Plant, MV Substation, Pumping Station

5. Maintenance



| Mechanical Room

METRIX CURRENT ACTIVITIES

1. Major Electrical Activities:

- **Power Generation:** LV and MV Diesel Generators
- **Power Distribution:** Transformers, RMU's, MV and LV Cells, MV and LV Cables, Bus ways
- **Electrical Specialties:** Fire Alarm, Access and Intrusion, CCTV, IPTV, Building Automation and Control, Communication Structured Cabling and Data Center Solutions, Parking Management Systems, Earthing and Lightning, Street Lighting, Stage Lighting, Renewable Energy

2. Major Mechanical Activities:

- **HVAC:** Split, DX, VAV, VRV, Chilled Water Systems, GI and Phenolic Ducts, Ventilation, Filtration, Boilers (including Steam), Floor Heating
- **Plumbing Services:** Water Supply, Drainage, Storm Water Collection, Grey Water Disposal, Water Management, Sanitary Fixtures
- **Mechanical Specialties:** Jacuzzi, Sauna, Swimming Pool, Water Features, Fire Fighting, Kitchen Hoods, Laundry Services, Water and Fuel Tanks, Gas Detection and Distribution, Renewable Energy



| Generator Room



| Al Waddan Hotel Pool Area



| Power Distribution

INTERVIEW WITH METRIX'S MANAGING DIRECTOR, MR. SELIM BESMAR



| **Selim Besmar** |
MANAGING DIRECTOR - METRIX, QATAR

In 1999, MAN Enterprise was awarded the Metropolitan Palace Hotel Project located in Sin el Fil, Lebanon.

At that time, I met our chairman who informed me that they were having difficulty finding a reliable MEP company capable of efficient execution of a complicated and fast-track project. The most difficult challenges were to meet the deadlines, the budget, and provide high-end quality. Taking the above into consideration, we decided to execute this project completely in-house, which required the building of a highly qualified Mechanical Electrical and Plumbing (MEP) team capable of completing the job. I accepted this challenge and we succeeded in the execution of all aspects including time, budget, and quality to the full satisfaction of the owner.

Our management was pleased with the results, and decided to officially create the MEP Department within MAN Enterprise. I was appointed Head of the Electrical Department. Since that time,



METRIX HAS CONTINUED TO EXPAND, RECRUIT QUALIFIED INTERNATIONAL PERSONNEL, OBTAIN THE ISO 9001 AND OHSAS 18001 CERTIFICATIONS, AND ACQUIRE AN EXCELLENT REPUTATION IN THE INDUSTRY.



the MEP branch of MAN Enterprise has executed all MEP works of MAN projects in Lebanon and abroad namely in Sudan, Libya and Qatar. After being awarded a tower project in Doha, Qatar, I, in collaboration with the head of the

mechanical section, sent a dedicated MEP staff to Qatar to execute the project.

In 2005, the Qatari market started booming, and MAN secured multiple projects. Taking his good experience and full satisfaction with his MEP team performance into account, the chairman decided to expand the MEP Department and execute all the new Qatari projects in-house. Therefore, a new company, Metrix, was formed.

Since then, Metrix has continued to expand, recruit qualified international personnel, obtain the ISO 9001 and OHSAS 18001 certifications, and acquire an excellent reputation in the industry. Metrix has successfully executed multiple building projects and infrastructure projects in Qatar. In addition, our vision for the future is to expand overseas where opportunities arise, and try to diversify the scope of Metrix to include specialized MEP projects such as industrial, power, and infrastructure works.



| **Boiler Room**

What differentiates Metrix from its competitors?

Metrix is dedicated to providing excellent service to the client. In order to develop the customers' trust and satisfaction, Metrix emphasizes the following:

- recruiting reliable, efficient, and knowledgeable team members
- selecting the best materials as per the approved vendor list or through sound experience and product evaluation
- executing projects while adhering to international standards and codes
- efficient project planning in order to abide by deadlines and modifications (as needed)
- providing a suitable work environment for all Metrix staff and workers in respect to safety, health, security and well-being.



WE, AT METRIX, SATISFY THE CLIENT'S REQUIREMENTS OF BEST QUALITY AT THE LOWEST PRICE AND SHORTEST TIME



| **Lighting**

Metrix policy is to work together with the client representative and the consultant with continuous positive interaction in order to resolve all site issues. This policy differentiates Metrix from the competition. Furthermore, Metrix is dedicated to directing the client toward the best solutions, both technically and financially, even if this action may reduce Metrix shares and profit. This Metrix concept about the client/contractor relationship is a long term business association.

What are clients' expectations?

In the construction business, the clients' expectations are usually extremely high. Most of the time, the time frame and budgets are very tight. The client requests the best quality for the lowest price and shortest time possible. Metrix can satisfy these requirements for most projects by closely monitoring the execution, properly selecting the materials, and allocating the most efficient staff and site workers. Our staff is trained to communicate with the

client and representative professionally and diplomatically. As a result, most projects are without issue and successful relationships are developed between Metrix and the client. This contributes to Metrix's overall success.

What was the most challenging project?

Most of the projects executed by Metrix in Qatar were challenging in different aspects due to the high level of professionalism and narrow time frames. The Science and Technology Park Infrastructure Project, consisting of an underground tunnel 2400 lm in length, presented major installation difficulties. Heavy pipes 750mm diameter and 12 lm long had to be lowered and moved in the tunnel in addition to all other works including thousands of meters of heavy armored cables. Most of the buildings had a very tight schedule of execution. Metrix effectively coped with these constraints and finished the project on time and to the full satisfaction of the consultants and owner.



| **External Works NCCP**



| National Convention Center Car Park



| Warning Tape IPP



| 51 East Department Store

Major Projects:

- | | |
|---|--------------------|
| • 51 East Department Store | Doha, Qatar |
| • Zenith Residential Tower | Ashrafieh, Lebanon |
| • NCC Park | Doha, Qatar |
| • The Gate | Doha, Qatar |
| • Al Waddan Hotel | Tripoli, Libya |
| • Porto Arabia (parcels 4 to 10) | Doha, Qatar |
| • El Emadi | Doha, Qatar |
| • Science and Technology Park | Doha, Qatar |
| • Ceremonial Court | Doha, Qatar |
| • Amwal Tower | Doha, Qatar |
| • Al Wosail Tower | Doha, Qatar |
| • Skygate | Beirut, Lebanon |
| • Viva Bahriya Plot 22 & 23 | Doha, Qatar |
| • Dr. Ali Fetais Office Tower | Doha, Qatar |
| • North Site Infrastructure | Doha, Qatar |
| • North and South Infrastructure (Priority Package) | Doha, Qatar |



| Chilled Water Loop



| Chimney



| Fire Pump



| The Ceremonial Court

TRAINING

MAN ENTERPRISE | UAE - ABU DHABI

HOT WORK AND PERMIT TO WORK REQUIREMENT TRAINING March 18, 2014 | ABU DHABI - UAE

This workshop educated key site personnel further about appropriate and essential safe working methods and techniques. Hot work activity is considered high risk due to the possibility of explosions and fire that may cause fatalities and property damage.

The attendees were:

- Ahad Ali
- Bipul Hossain
- Dawood Shah
- Hassan Alshhada
- Marakndey Chauhan
- Mohammad Masud Rana
- Pratha Thomas
- Prodhan Sreedharan
- Raihan Uddin
- Sohail Sabair
- Srivanand Yadav



| Hot Work & Permit to Work Requirement Training

FIRST SAFETY AWARDS March 6, 2014 | ABU DHABI - UAE

A certification of recognition was given to acknowledge the employees' contributions to the health and safety implementation in the DOT CARP. MAN has achieved one million man hours.

The attendees were:

- Abdul Ganiu Suleman
- Abu Bakor
- Ahammad Palan Miah
- Ali Ahmad Hazrat
- Anwar Hossain
- Arnel Caballero
- Bakhtiar Shah Zamin
- Bipul Hossain
- Dawood Shah
- Helal Uddin
- Ibrahim Faraji
- Ismael Hossain
- Khurshed Ali
- Liton Miah
- Marakndey Chauhan
- Md.Munsu Ali Mulla
- Mohammad Masud Rana
- Nasim Gul
- Niaz Mein
- Norul Islam
- Pargat Ram
- Raihan Uddin
- Satar Din
- Srivanand Yadav
- Sumon Uddin Siddique Ullah
- Tanveer Jehangir
- Ziad Tfalli



| Safety Awarding Training



| Confined Space Supervisor Training

MAN ENTERPRISE | QATAR

EMERGENCY FIRST AID including CPR and AED February 6, 2014 and March 31, 2014 | DOHA - QATAR



During construction, operatives are exposed to risk of injury that requires immediate intervention and support. The training will allow the presence of a team capable of achieving the aims.

The attendees were:

- Abdul Azeem Mohammed
- Elsan Opez Lapidante
- Fakhre Alam
- Francis Perez De Leon
- Hassan Fadi Younes
- Manikandan M. Muruganandam
- Masood Ahmed Mohammed
- Nouman M. Osman
- Orlando Tallud
- Regilin Jenees Alenkamani
- Shaheed Mahaboo Basha Sheik
- Shahul L. Hameed
- Shravan Kumar Arigala
- Sujith Surendran
- Sunithmohan Saseendrakurup

THE CONFINED SPACE ENTRY SUPERVISOR February 16, 2014 and April 5, 2014 | DOHA - QATAR

This course is intended to provide an awareness of the hazards and requirements associated with entering confined spaces on the construction site.

The attendees were:

- Akhil Krishnan
- Amrit Bahadur Dangi
- Gurjit Singh
- Joys Jose
- Madan Lal
- Mohamed Shahul Hameed Muhidheen
- Mohammed Shafiulla
- Moti Lal Rai
- Raj Kumar Bhattarai
- Sageer Adil
- Sujo Thomas

MAN ENTERPRISE | LEBANON

ISO TRAINING January 8-9, 2014 | SIN EL FIL - LEBANON

Engineers, foremen and administrative attended the Introduction to ISO Awareness 9001:2008.

The attendees were:

- Abdallah Tannous
- Amal Khawaja
- Anthony Sayah
- Chirine El Chartouni
- Christina Amyuni
- Elias Daaboul
- Elias El Helou
- Fady Najm
- Fares Trad
- Fouad Amer
- Georges Bou Kheir
- Georges El Bitar
- Jade Dimien
- Jean Nahed
- Joe Abboud
- Kamal Naddaf
- Lea Moukarzel
- Milad Tawik
- Mona Boutros
- Nancy Razzouk
- Nathalie Abi Rizk
- Pierre Slim
- Rami Mrad
- Rita Bashour
- Rola Baytiye
- Roupheal Hayek
- Sara Arnaout
- Sarkis Daher
- Tarek Waked
- Wael Serhal
- Yassmin Abu Hichmeh
- Youssef Kassouf
- Zeina Habib

TECMAN | LEBANON

PAINT FINISHING SCHOOL February 24-28, 2014 | MILESI-ITALY Joseph Youssef attended the course for four days.

BASICS OF FIRE PREVENTION AND FIRE FIGHTING May and June, 2014 | BEIRUT - LEBANON

All Tecman Staff attended the training at Tecman Industry.

STAFF EXHIBITION 2014

MAN ENTERPRISE | QATAR

LEICA GEOSYSTEMS ROADSHOW 2014

| March 25, 2014 |
Roy Rahme

EXERCISING LEADERSHIP - MOBILIZING PEOPLE AND ORGANIZATIONS

| March 24-27, 2014 |
Rayan El Najjar

BASIC COURSE ON INTERNATIONAL COMMERCIAL ARBITRATION

| April 27-29, 2014 |
Antoine Obeid

MIDDLE EAST ANNUAL CONFERENCE 2014

| April 29-30, 2014 |
Elias Inaty



| Leica Roadshow



| Middle East Annual Conference



AUB AND ESIB JOB FAIR 2014



| AUB Job Fair



| AUB Job Fair



| ESIB Job Fair



| AUB Job Fair

The ESIB Job Fair was held on April 15, 2014 and the AUB Job Fair was held on April 24 and 25, 2014.

MAN's representatives attended the ESIB Job Fair in Mar Roukoz and the AUB Job Fair in Beirut where there were eight participants giving information about the company, engaging with the job seekers and distributing leaflets explaining more about the career within the company.

rewarding profession that will allow them to participate in some of the most challenging assignments in the industry. They will be able to collaborate with truly committed professionals and have access to cutting-edge technology and equipment while continuously upgrading their skills through educational training programs and specialized training.

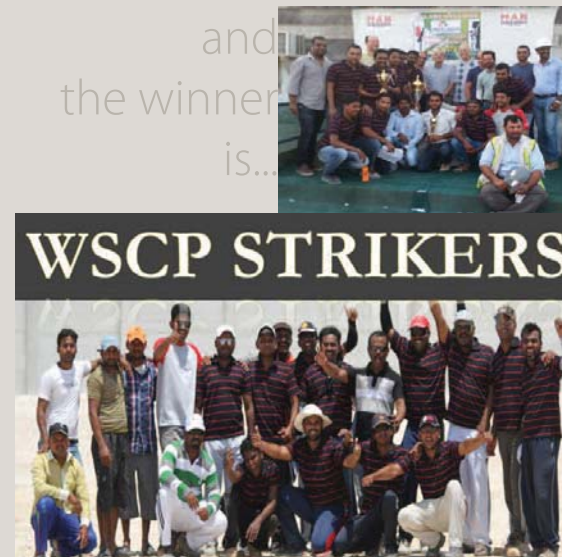
MAN is looking for dynamic fresh graduates who desire a serious and



| ESIB Job Fair



SPORTS ACTIVITIES



MAN's Cricket Tournament in Qatar started on March 28, 2014.

84 employees participated in the games which were played on Fridays. Six teams were formed and named according to projects including Metrix Qatar. The championship match was held on May 9, 2014 with Oxygen Park at Education City (OPEC) Masters playing versus West Side Car Park (WSCP), where WSCP was the winning team.

MAN HOLDING ANNUAL DINNER



| Chairman Michel Abi Nader |

The MAN Holding Dinner was held at Le Royal Hotel on January 16, 2014.

All staff from MAN Enterprise Corporate, MAN Enterprise Lebanon, Tecman Industry, Metrix, and employees from all branches in Lebanon participated in the event.

During the event, colleagues from MAN Enterprise and Tecman performed live on stage.

The band consisted of:

- Mr. Antoine Attallah, keyboards
- Mr. Roger Sassine, drums and percussion
- Mr. Emile Samaha and Mr. Joseph Kadissi, guitars
- Nabii Saadeh and Mr. Toufic Bou Khalil, tableh

The singers were:

- Ms. Sally Akiki, Mr. Emile Samaha, Ms. Saria Azouz, Mr. Maroun Chaccour, Mr. Ali Ayad, Mr. Mohamad Majed, Mr. Fady Hamati



| The dinner |

The poets were:

Mr. Johnny Makdessi and Mr. Chadi Sassine

Furthermore, the company honored 10 employees for their 15 years of service within the group:

- Mr. Abdallah Mardelli
- Mr. Hicham El Kayem
- Mr. Nabil Saadeh
- Mr. Johnny Makdessi
- Mr. Mahmoud Obeid
- Mr. Mohamad Obeid
- Mr. Ahmad Obeid
- Mr. Antoine Wakim
- Mr. Abdallah Mitri
- Mr. Elias Seif

MAN Enterprise Lebanon
MAN Enterprise Lebanon
MAN Enterprise Lebanon
Tecman Industry
Tecman Industry
Tecman Industry
Tecman Industry
MAN Enterprise Qatar
MAN Enterprise Qatar
MAN Enterprise Iraq



| The awards |



| The attendees |



At the conclusion of the event, a drawing was held and five tablets were distributed.

The dinner was an opportunity for the employees to meet with each other and strengthen ties between them.



| The outstanding performers |

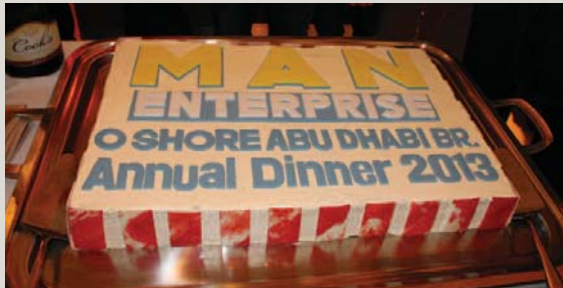


> Activities & Events

ANNUAL DINNER | UAE - ABU DHABI

MAN Enterprise's Abu Dhabi Branch held its Annual Dinner on December 19, 2013 at Yas Rotana. The event was attended by all staff members with their spouses.

The evening commenced with a cocktail reception and dinner followed by the cutting of the cake and concluded with a short speech from the Director of Strategy & Business Development, Mr. George Menassa, who expressed his appreciation to all staff for their contributions and efforts in working together.



> Meet the team

**ANTOINE
NAKHLE**

PROJECT
MANAGER

MAN Enterprise - Iraq



**GRACE
ELIZABETH
TAMON TUSO**

QS
ENGINEER

MAN Enterprise - UAE



**IMRAN
KHAN**

SAFETY
ENGINEER

MAN Enterprise - Qatar



I started my career with MAN Enterprise in Qatar in 2006 as a Construction Manager, then as a Site Manager. Afterwards, I was assigned in Basra, Iraq as a Project Manager.

In 2007, the construction market was booming in Qatar and MAN had several mega-projects in hand. By then, I was nominated as Site Manager on the Gate Project, one of the largest and most prestigious fast-track projects for MAN Enterprise Qatar. For me, it was the right time to take this challenge due to the unique complexity of the project. I was able to refine my professional knowledge and experience by acquainting myself with advanced methods and techniques.

In 2010, I was promoted to Project Manager at the North Site Infrastructure Project within the Qatar foundation's premises, where the micro tunneling method was applied.

My long stay in Qatar was full of excitement with both uplifting and difficult moments. However, I learned that once the spirit of teamwork exists, we can easily reach the targets determined by the company no matter what the goal may be.

In 2012, my international story with MAN resumed when I joined MAN Enterprise's first Iraq team as Project Manager for the Basra Sport City Hotel Project. We are currently operating with high hopes of future expansion for MAN Iraq.

During the last eight years with MAN Enterprise, I have gained knowledge and experience, developed my skills, and witnessed the evolution of team spirit.

Today, I am very proud of being part of this prestigious family called MAN.

My time working with MAN Enterprise has been very rewarding – the opportunity of a lifetime.

I joined MAN Enterprise in 2008 as a Quantity Surveyor on the Reverse Osmosis Desalination Plant Project in Fujairah. The intricate elements of the project were complemented by my academic training and experience which allowed me to make astute analyses of any workplace situation. With the supervised care and assistance of my Fujairah family, I was also trained as a Cost Controller and learned fundamental techniques for monitoring project costs and financial management.

My career path steered its way towards estimation when I was transferred to the Abu Dhabi Head Office in July of 2010. The change in environment was drastic and it opened my eyes to how the company functioned. In Abu Dhabi, I learned a lot about the administrative responsibilities involved in project acquisition and ongoing projects. I became skilled in comprehending contract documents and the various aspects of both estimation and procurement.

The experience I have gained at MAN Enterprise has given me a well-rounded skill set, making me more confident in my approach to work-related challenges. Nevertheless, there is so much more to discover and more goals to achieve in the near future. For me, there is no other company that I'd rather work for as I regard MAN Enterprise as my true family.

In 2009, I joined MAN Enterprise Qatar as a Junior Safety Officer for the National Convention Center Car Park project.

Back then, MAN Enterprise Qatar restructured its Health and Safety Management system. They developed a core health and safety team in order to implement new procedures, create the appropriate culture, reach international standards in the implementation of practices, and obtain accreditation within 18 months.

Our safety management system was recognized by our clients and consultants. Consequently, we received many awards including the five star rating for the safety system, millions of hours without LTI (Lost Time Injury), and OHSAS: 18001 certificates.

Moreover, I was entrusted with the task of implementing the OHSAS: 18001 requirements at the Infrastructure Priority Package Project and the Viva Bahriah Project. Because the team and I were supported by management who believed in us and gave us ongoing support, I was encouraged by management to study and improve my skills. I earned several certificates, such as NEBOSH, IOSH, and OSHA.

Today, as I look back over the years that I have spent with MAN Enterprise, I see how my career has evolved from a Junior Safety Officer with limited experience to a Project Safety Manager working on some of the most prestigious projects in the region. I am thankful for all that the company has offered me and look forward for more success with MAN Enterprise.

> Social News

WEDDINGS 11-13 TO 06-14



| MAN Enterprise |

- Merbin Shany Yesuraj & Sana
- Abdul Razik Abdul Kafoor & Sabeena
- Reyman Valencia & Jean Christiane
- Imteyaz Ekram Uddin Ahmed & Rakhshan Hashmi
- Mohammed Fajoor Safarulla & Fathima Nursa
- Renjith Mathew & Remyamol Raju
- Harindu Amarasinghe & Thilini Kaushalaya Amarasinghe

November 14, 2013
January 19, 2014
January 22, 2014

March 23, 2014
March 29, 2014
May 22, 2014
June 2, 2014

| METRIX |

- Hassan Mustapha & Maha Ajjawi
- Acief Majeed & Rahanna VM

May 31, 2014
May 31, 2014

NEWBORN BABIES 12-13 TO 06-14



| MAN Enterprise |

- Surendra Sada, Sunil
- Climent Esthiras, Ansina
- Mario Naoum, Alex
- Roy Rahme, Carelle
- Paula Khoueiry, Naya
- Shadi Nasreddine, Karim
- Wafaa Kassab, Miral Ouf
- Joe Kiriakos, Alex
- Gunamurugan, K. Liyana. G
- Vinod Kumar, Adhyasree
- Rami Bou Saleh, Christopher
- Antoine Kahale, Clara-Mia
- Majed Issa, Mohammad
- Majdy El Hourany, Naya
- Bashir Semaan, Georges
- Rengel Santos, Rence Mikayla Banola
- Reyman Valencia, Johnrey Christian

born December 12, 2013
born December 22, 2013
born December 24, 2013
born January 9, 2014
born January 16, 2014
born January 21, 2014
born January 21, 2014
born January 27, 2014
born February 6, 2014
born February 8, 2014
born February 23, 2014
born April 14, 2014
born April 20, 2014
born May 22, 2014
born May 26, 2014
born May 30, 2014
born June 12, 2014

| METRIX |

- Robinhood Benito, Isabelle Grace

born February 23, 2014

| TECMAN |

- Cheryl Bismargi El Khoury, Zaid
- André Azar, Kaytten, Rowen & Kristen
- Mitri Abou Absseh, Nicolas

born December 13, 2013
born February 11, 2014
born April 12, 2014

> Who was...



MAN | CORPORATE

CAROLE SALAMEH
Position
Senior Administration Officer
Department
Corporate Administration

MAN | LEBANON

RALPH KASSAB
Position
MEP Coordinator
Department
MEP Operations - Damac Tower Project

METRIX | QATAR

KHALDOUN BARAKAT
Position
Foreman
Department
Electrical

> Amazing Facts of the World!

THE EMPIRE STATE BUILDING

The Empire State Building in New York was the first building to have over 100 floors and was the tallest building in the world from 1931 until 1972.

It was built
in 1 year
and 44 days.



THE COLOSSEUM

It took more than 100,000 persons to build the Colosseum in Rome, Italy which was set without mortar and held together by 300 tons of iron clamps. Based on historical evidence, it shows that 200 bullock carts were used to transport marble to the construction site.

It took more
than 100,000
persons to
build



GHANA'S PRESS ECHOES

DAILY GUIDE | MARCH 2014



BUSINESS FINDER | MARCH 2014



THE CHRONICLE | MARCH 2014



THE GHANIAN TIMES | MAY 2014



LEBANON



Gold LEED Certificate
for International College, Lebanon

QATAR



Working Safely License



QATAR



Civil Defense Grade



Certificate of Compliance – UL Fire Rated Doors