

## Ahmed GATTOUFI

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## Civil and Structural Engineer

### Professional Experience

#### Civil and Structural Engineer

From September 2015 until today

#### Alpha Engineering Intl.

Sousse

##### Mission :

##### 1- Studying :

- a- Project Scope Of Work Elaboration.
- b- Quantitative and financial study of Tender Bid.
- c- Elaboration of Calculation Note for Concrete building and foundation for static and vibrating equipments according to BAEL 91, API650 and Fascicules 62 Titre V.
- d- Elaboration of Calculation Note for Steel Construction (Shelter , Footbridge , Piping Supports ...) According to Eurocode 3 and CM66.
- e- Studying and elaboration of underground passage –Bridge- calculation note according to BAEL 91 and Fascicule 74.
- f- Elaboration of inspection report for Oil Tank settlement according to API 653.
- g- Etude et conception des notes de calculs des « Skid » pour les équipements industrielles selon DNV y compris la philosophie de levage et manutention.
- h- Studying and elaboration of Industrial equipment skid calculation note including there lifting philosophy according to DNV.
- i- Preparation of hydraulic and hydrological reports
- j- Earthworks studying.
- k- Studying and elaboration of Offshore structure calculation note elaboration according to RP 2A LRFD and RP 2A-WSD.
- l- Checking of strcuture and foundation drawings.
- m- Elaboration of Bill quantity.
- n- Elaboration of specification (Earthworks,Civil Works and Strcutural Works).

##### 2- Coordination :

- a- Management of communications between desciplines departments.
- b- Maintain cordial relations with client's representative.
- c- Site monitoring in collaboration with on-site supervisors.
- d- Safety control (equipment and procedures).

3- Field :

- a- Reinforcement and formwork of reinforced concrete structures reception.
- b- Supervision of pipeline picketing works.
- c- Supervision of construction works of industrial shelters.
- d- Participation in worksite meetings.
- e- Ensure the control of Topographic work.

Realized projects:

SEWAGE WATER TREATMENT PROJECT	(OMV)
3 CHEMICAL INJECTION SHELTERS PROJECT	(OMV)
DETAILS ENGINEERING FOR CONSTRUCTION OF NEW COMPRESSOR	(OMV)
DETAILS ENGINEERING OF CONSTRUCTION OF NEW SKIMMER	(OMV)
HAZARDOUS WAST AREA PROJECT	(OMV)
WATER TANK CONSTRUCTION AND DETAILS ENGINEERING	(TPS)
AS-BUILT PROJECT FOR ALL TPS FIELD STATIONS	(TPS)
TURNKEY PROJECT FOR CONSTRUCTION OF NEW PIPELINE 34KM	(TPS)
TATAOUINE GAS PROJECT- 94 KM PIPELINE CONSTRUCTION	(ETAP)
CONCRETE BRIDGE DESIGN IN -CENTRE HUILE- EL BORMA	(SITEP)
AIR COMPRESSOR SKID DESIGN	(KUYO PIPELINE)
SETTLEMENT REPPORT FOR 70T OIL TANK	(MARETAP)
COMPRESSOR FOUNDATION FLATNESS CHECK REPORT	(OMV)

**Marketing and Business Development**

From December 2016 until today

**Alpha Engineering Intl.**

Sousse

Responsabilité :

- a- Responsible for executing a number of strategic tactics, including the marketing materials and websites.
- b- Creating and maintaining a professional and consistent image.
- c- Managing visibility through public relations.
- d- Refining and communicating Alpha's current service offerings and identifying new ones that should be added.
- e- Responsible for forming partnerships and strategic relationships with referral sources and other professional contacts in target markets.

**Road Engineer**

From September 2014 to May 2015

**Le Consultant Ingénierie**

Tunis

Mission Details:

- 1- Studying and design of agreste road.
- 2- Hydraulic and hydrological study of road projects
- 3- Studying of rain and wast water network.
- 4- Elaboration of Bill Of Quantity.
- 5- Earthworks Studying.

Realized projects:

DEVELOPMENT OF 5 AGRESTE ROADS IN CAP-BON ,TUNISIA	(EDIL PELLICANO)
RAIN AND WASTE WATER NETWORK STUDYING FOR COMMERCIAL CENTRE	(EDIL PELLICANO)
DEVELOPMENT OF 2 ROUNDABOUTS IN HERGLA,TUNISIA	(ENTR EL KOBBI)

**ACADEMIC  
PROJECTS  
AND TRAINING**

**End of Studies' Project**  
From February until June 2014

**INGECOTEC**  
Tunis

Study and design of a 2x2 lane link between Route X and RN10 including 3 roundabouts and a tunnel :

- 1- Geometric design of the link.
- 2- Design and study of 3 roundabouts.
- 3- Traffic calculation.
- 4- Study of the implantation of a structure (tunnel).
- 5- Hydraulic and hydrological study.

**Internship**  
From June until August 2013

**B.E.F.L**  
Tunis

- 1- Studies of a building for office use, R + 5 with basement:
  - a. Design of the various structural elements of the structure.
  - b. Dimensioning of the various structural elements
  - c. Bill Of Quantity.
- 2- Study Bracing of a lift cage at the regional education commissioner.
  - a. Calculation of the different elements of the structure.

**Worker Internship**  
From June 2012 until July 2012

**Ministry of Equipment**  
Tunis

Piloting and Supervision of the construction works of an international school at Berge du LAC 2 -Tunis-:

- 1- Supervision of earthworks.
- 2- Supervision of foundation work.
- 3- Supervision of reinforcement work and formwork for foundations and longlines.

**Cursus**

**Civil Engineer**  
June 2014  
**Diploma of preparatory studies**  
June 2011  
**Bachelor's degree**  
June 2009

**ENIT**  
Tunisia  
**IPEIG**  
Tunisia  
**El Hadika High school**  
Tunisia

**Skills**

- Piloting of civil works.
- Supervision of works.
- Teamwork.
- Management of civil works.
- Communication.
- ISO 9001 Vs 2008.

**Informatics  
tools**

Excel, Ms Office, Autocad, Robot structural Analysis, Arche Eiffel, Piste5, Covadis, SACS 5.7, Qualipro

**Languages**

**Arabic**  
**English**  
**French**  
**Spanish**

**Native language**  
**Current**  
**Current**  
**Basic knowledge**

**Personal  
interests**

- Hiking
- Member of the Civil Engineering Club –ENIT-
- Movies