

# M. GUERFI Abdelhamid

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## MORE THAN 15 YEARS OF EXPERIENCE IN THE FIELD OF NATURAL GAS DISTRIBUTION BY PIPELINE

### PERSONAL INFORMATION

- **Date and place of birth** : August 05, 1981 in Constantine, Algeria.
- **Nationality** : Algerian.
- **Marital status** : Married with 03 children.
- **Driving license** : Class B.
- **National service** : Clear.

### DEGREES OBTAINED

- **June 2005** : Engineer of State in Process Engineering, Option Oil Refining.
- **September 2007** : Engineer Specialized in Transport and Gas Distribution.

### TRAINING CERTIFICATES

- **Long-term training in Project Management.**
- Three months of intensive English courses at IAP.
- Geographic Information System "GIS" and ArcView GIS and AutoCAD Map software.
- General Concepts of Standardization (IANOR).
- Quality Management System "QMS" ISO 9001 (IANOR).
- Environmental Management System "EMS" ISO 14001 (IANOR).
- Integrated Management System "IMS" (IANOR).
- How to become an Internal Auditor according to ISO 9001 (IANOR).
- The fundamental bases of metrology in the company and the laboratory (IANOR).
- Management of Gas Works.
- Cathodic protection.
- Gas security.
- Microsoft Office Access level I and Excel level II.

### LANGUAGES

- **Arabic** : Native.
- **French** : Good.
- **English** : Medium.

### PRACTICAL TRAINING AND SEMINARS

- Practical training of 03 months at the processing unit of natural gas HAMRA, DP Sonatrach, Illizi.  
**Theme : Solving the problems of the oil circuit of the HAMRA natural gas processing unit.**
- Practical training a month at the processing unit of crude oil CINA, DP Sonatrach, Hassi Messaoud.

- Animation of 03 technical conferences on gas metering procedures, gas billing, choice of metering device and sizing of gas pressure reducing stations.
- Animation of 03 technical conferences on the general process of qualification of Electricity and Gas equipment and the use of the "Follow-up of qualified equipment in operation" application.
- Leader of workshop n °3 "Low Voltage Network" in Brainstorming on the operation of distribution structures, requirement of the Technical Guide and constraints in the field.
- Participation in Brainstorming on customer listening.
- Participation in Brainstorming around the Human Resources function (recruitment, development, motivation and succession).
- Participation in several technical days on materials and gas equipment.

## PROFESSIONAL EXPERIENCE

### 1- Current position (from July 01, 2015 to this day) :

**Head of the Gas Network Design, Standardization and Planning Service  
in the Gas Techniques Directorate / Eastern Region / Sonelgaz.**

#### **Key Achievements :**

- Ensures the RDE Gas command on call since 2015.
- Chairman of several commissions of inquiry following gas incidents.
- Serves the Secretariat of the Eastern Regional Investment Committee for the Distribution of Electricity and Gas "CISDE, CI-RDE and CIREDEG" since 2012.
- Member of the Committees for the Allocation and / or Withdrawal of Provisional Employment Authorizations and Authorizations for the Use of Electricity and Gas Equipment CARAEM, CARAMEG and CAEMEG since 2015.
- Participation with DCQDE in multiple qualification audits and technical expertise (quality control) of gas equipment.
- Monitoring of the behavior of qualified equipment in operation.
- Participation in updating the Technical Guide for Gas Distribution, in particular:
  - Leader of group n °04 in charge of; measuring equipment, pressure reduces-regulators, pressure reducing stations, gas meters with deformable walls, turbines and rotary pistons.
  - Leader of group n °03 in charge of; the technical specifications of Gas equipment's, cathodic protection, general gas studies and the introduction of PE315.
- Preparation of the development plan for region gas distribution networks (Reinforcement of gas distribution and transport facilities).
- Development of the forecast plan for hourly consumption at the peak of Public Gas Distributions.
- Monitoring, assistance and approval of NG supply studies for large cities, development of gas distribution networks and connection to MP customers.
- Analysis of the behavior of gas distribution networks for winter periods and load monitoring.
- Inspection, control and assistance of the gas activity at the level of the Distribution Departments.

**2- Previous post (from September 08, 2007 to July 01, 2015) :**

**Engineer, Level 2, in the Gas Techniques Department  
in the Gas Techniques Directorate / Eastern Region / Sonelgaz.**

**Key Achievements :**

- Elaboration of the study "influences of stray currents emitted by the Tramway on buried metal structures in the city of Constantine, and monitoring of the installation of current drainage systems on the ground".
- Elaboration of the study "conversion to natural gas of the LPG distribution network of the city of El Kala and the conduct of the operation on the ground".
- Elaboration of the in-depth study on Gas metering and gap analysis.
- Elaboration of the Technical and economic study of natural gas and/or LPG supply to the North-West region of the Wilaya of Skikda and the town of Collo.
- Elaboration of the study "Estimation of gas emissions into the atmosphere following an incident".
- Elaboration of reference costs for gas distribution works in the region.
- Monitoring, assistance and approval of NG supply studies for large cities, development of gas distribution networks and connection to MP customers.
- Monitoring of the updating and digitization of the gas mapping project in GIS format of the Distribution Departments of Ali Mendjeli, Annaba, Batna and BBA.
- Operational plan: Forecast of human resources, materials, vehicle fleets, IT and premises for the RDE gas activity (2014-2019)
- Approval of gas emergency plans for Distribution Departments.
- Preparation of specifications and contract management (reception and distribution of equipment, etc.)
- Monitoring of cathodic protection.
- Monitoring of gas performance indicators (operating parameters) and the development of the dashboard
- Participation in the preparation of the budget, annual report and equipment plan
- Inspection, control and assistance of the gas activity at the level of the Distribution Departments.

**OTHER QUALIFICATION**

**Master software :**

- HYSYS V3.2.
- PRIMavera.
- APHYRE (Analyse Physique des Réseaux Gaz).
- ARC VIEW GIS V3.3 (Système d'Information Géographique "SIG").
- AUTO CAD MAP V2010