

Curriculum Vitae



Personal information:

Last Name: **MEDDAHI** First name: **YOUCEF**
Date of birth: 1/24/1988 Nationality: Algerian
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Certificates:

- **Operations Engineer**
Theme: Synthetic gas and process suitable for producing methanol
(Choosing a better synthesis gas-methanol integration is a comparative study using technical and environmental economic approaches and taking the ideal option).
- **Process Engineer in Refining and Petrochemistry** in August 2015 at **IFP Training**.
Theme: Gas oil hydrodesulphurization unit PID
(Fluid circulation plan (PFD) with process description, Piping calculation, Equipment sizing and PID scheme)
- **QHSE supervisor** in May 2013 at **Algero-American Train Center**
- **Petrochemical Engineer** in 2011 at the **University of Boumerdes Ex-INH**
Specialty: Chemical Engineering **Option:** Petrochemical
Theme: Optimization of Mono Ethylene Glycol consumption at module 2 SONATRACH DP to HASSI R'MEL
- **Bachelor High School Diploma in Natural Sciences in June 2006.**

Training:

- Metering system training for
- Laboratory techniques for the testing of Gas, NGL , Condensate and process waters associated with Gas plant operations / Level 2 by Intertek Testing Services UK
- Risks Related To Chemical Agents.
- Authorized Gas Testing Level 3.
- workshop SIL Assessment & Verification at ADEPP Academy on site from TOUATGAZ;
- Process SIL assessment according to IEC 61511
- Machinery SIL assessment according to IEC 62061
- SIL verification according to IEC 61508
- Fundamentals of PHA, LOPA .SCEs.
- From 06 March to 01 May 2011, intern at SONATRACH DP
'Project training course at the end of studies'.
- From 06 April 2015 until 06 April 2017; Internship at the level of the Petrochemical Division LRP activity "ex-DCG PEC"
 - ✓ 18/04/2015 to 02/08/2015; **theoretical training** at IAP Hassi Messaoud by IFP Training.
 - ✓ 04/08/2015 to 08/01/2016; Internship at the level of the Petrochemical Division LRP activity "ex-DCG PEC" in the context of our **professional training**

- ✓ 09/01/2016 to 29/09/2016; **practical training** at the petrochemical complexes CP2K, CP1K and CP1Z
- ✓ 04/10/2016 to 06/04/2017; Internship at the level of the Petrochemical Division LRP activity "ex-DCG PEC" in the context of our **professional training**

Experience:

- **Process Engineer;** the EP activity at the level of Groupement **TOUAT GAZ Division Association (AST) since 06/10/2017 to date;**
 - Lead Process Engineer for FEED Slug catcher Project with Genesis
 - Lead Process Engineer for FEED PHASE II Bosting and Debottlenecking
 - Participate in Task force for Mercury issue in touatgaz plant
 - Participate in Task force for Foaming issue in touatgaz plant
 - Estimate and track flashed volume (flaring permission) during GAS-IN phase
 - Development of process and laboratory service procedures
 - Analyze malfunctions and take part in the implementation of a continuous optimization process.
 - Design and monitor activity indicators on a daily basis.
 - To establish the daily production balance of AST and verification of the daily shipping report of the metering system with representatives of TRC and Customs.
 - Control of product specifications and environmental release standards.
 - Lead the testing and process development phases. (Performance Testing)
 - Study technological solutions to reduce industrial risks (gas emissions,...)
 - Support and provide technical assistance to operations and maintenance engineers to resolve minor process issues.
 - Control of product specifications and environmental release standards.
- **Process Engineer ;** at Petrochemistry Division Activity LRP 07/04/2017 to 06/10/2017
 - Member MTBE Project;discipline Process
 - Participation in the preparation of the dossier Call for tenders FEED Project 200 KTA MTBE (methyl tert butyl ether) in Arzew and the preparation of the dossier Call for tenders Acquisition of Process Licenses and Engineering Packages for the same project
- **Head of Quality Control and HSE** at Sarl Hygiene Chemical Production
From 25/11/2013 until 16/04/2015.

Computer and software skills:

- Windows, Microsoft Office (Word, Excel, Power Point).
- Aspentech HYSYS

Language skills:

- Technical English: good level.
- Technical French: good level.
- Arabic: Excellent

Leisure: Reading, sports and travel.

Other information:

- Have a category B driving license.
- With a spirit of analysis, understanding and communication.
- Teamwork and integration
- Dynamic, motivated, serious and committed to my work.