**CV**

**Personal Details**

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| **Full Name** | Amri redha |
| **Home Address** | 19 Mars-Ain M Lila / Algeria |
| **Email adress** | redha781013@yahoo.com |
| **Telephone Number Mobile** | +213657702141 |
| **Date of Birth** | 13/10/1978 |
| **Nationality** | Algerian |
| **Country of Residence** | Algeria |
| **Home Airport** | Constantine Airport |
| **Job Role Desired** | Project/Process engineer, Gas /Oil plant shift supervisor, technical Coordinator |

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| **Statement** I am a post-graduate Process Engineer with significant oil and gas experience more than 15 years’ experience in production and process operations and reviewing the engineering documents for the new gas plant projects. At the moment I am head of engineering department in Sonatarch at Hassi R’mel field office, we are working in several project such as: crude oil treatment facilities, gas dehydration units, produced water injection unit, gas flare recovery system. I was project engineer in position of site manager at boosting III project (separation and compression facility for for natural gas at Hassi R'mel field-Algeria) between 2018 & 2021.I have substantial gas treatment experience. I am familiarized with gas and petroleum processing management. Good basic knowledge in equipments and chemicals used in gas plant and good knowledge and experience with water removal and hydrocarbons recovery processing. Good problem-solving skills with ability to use office and Hysys software. I am used to work as part of a team and follow instructions from line Manager. Experienced in large gas plant operation over 60 MM3/day (start up, shut down, trouble shouting...) at high pressure more than 100 bar. I am familiar and able to operate with rotating machines such as gas turbine MS 5002-C, turbo-expender (Roto flow 4500 KW), reciprocal compressor, centrifugal pumps and positive displacement pumps. Conversant with furnaces and boilers.I am experienced in the management and in the supervision of process and utilities operational areas to ensure the following targets :safe and efficient start-up and shutdown of oil and gas facilities , LPG plant, common facilities, glycol dehydration process trains, glycol regeneration units, nitrogen generation units, instrument air compressors, chemical storage and injection packages, cooling water system, utility water system, potable water system, produced water treatment unit, drains system, firewater and safety systems in accordance with authorized procedures and manufacturers specifications, furthermore I supervise the start up, monitoring and the shutdown of LPG export pumps, condensate export pumps, turbo expander and gas turbine (MS-5002C). I am able to study and review process engineering documents related to natural gas processing.I am able to ensure the commissioning activities in gas plant including static equipments and compression trains.I have a good experience in operation of Westfalia centrifugal separator, precoat filtration (kieselguhr as filtration adjuvant).I assisted to the commissioning and the start up of vegetable oil refinery.I am familiarized with X-ray diffraction analysis, Raman spectroscopy and electrochemical analysis methods. |

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| From | To | Company | Job Title |
| 2021 | 2023 | **SONATRACH** | **Head of engineering department** |
| Management of the engineering department team in the main mission is:1-The development of specifications to invite bidders to carry out projects for the construction of oil and gas units.2-preparation of contracts3-Follow-up and control of the progress of the engineering 4-Monitoring compliance with project requirements |
| From | To | Company | Job Title |
| **2018** | **2021** | **SONATRACH** | **Site Manager** |
| My main role was:Assist the Contractor (JGC) in the different construction, commissioning & start up tasks as Owner (SH) representative.Monitor project progress and assist the contractor in blocking situations.Regular site inspection to check the compliance with project specifications and procedures. |
| From | To | Company | Job Title |
| **2017** | **2018** | **SONATRACH/JGC** | **PROCESS ENGINEER**  |
| I was a membership of a multidisciplinary team dedicated to the engineering of Boosting phase 3 projects in JGC home office at Yokohama- Japan from Mars 2017 to January 2018. My duty was the review of the engineering documents produced by the contractor (JGC) related to process engineering.Study and enhance Contractor proposal according to projects requirements, specifications, and international stands.Conduct vendors meeting to negotiate their proposalCarried out HAZOPE and SIL sessions of the gas turbine package (MS-5002D) in which Sonatarch is the Owner, GE is the Vendor, JGC is the Contractor and DNV is the third party, held in JGC home office. As result some modifications in safety system were improved Conduct 3D model review of the gas turbine package (MS-5002D) in which Sonatarch is the Owner, GE is the Vendor and JGC is the Contractor, held in JGC home office. Based in projects specifications, many comments were raised during this session, accordantly the model is improved. During this time, I worked in JGC home office in Yokohama in Japan. I performed the following tests in vendor shop:* Typical test for DCS-Foxboro system which will be used in Boosting project as ICSS system, in Schneider home offices in Singapore (February 2018).
* FAT\IFAT test for Air drayer pacakge, in Sinergia home offices in Italy (April 2018).
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| From | To | Company | Job Title |
| **2016** | **2017** | **SONATRACH** | **PROCESS ENGINEER**  |
| I was a membership of a multidisciplinary team dedicated to technical evaluation of three tenderers proposal which are JGC, Hyundai and Petrofac. The project is EPC of new gas processing plants (boosting station) with raw gas treatment capacity of 110 MSM3/day in Hassi-R'mel (Algeria). Review and evaluation all process documents proposed by the tenderers, including but not limited to: Design basis, P&ID, PFD, data sheet and reply to tenderers clarifications.As results the technical proposal of three tenderers was aligned and ready to be submitted to commercial proposal. During this time I worked in Sonatarch home office in Algiers, Algeria. |
| From | To | Company | Job Title |
| **2014** | **2016** | **SONATRACH** | **SHIFT SUPERVISOR** |
| * Review gas process conditions and make adjustment if necessary to maximize gas production and enhance gas quality.
* Monitor the application of safety procedures of gas processing activities.
* Troubleshooting with maintenance team and supervise operation work on the system including but not limited: GE gas turbine, Roto flow turboexpender, boiler and heater; compressors, glycol regeneration tower; deethanizer unite, and debutanizer unite
* Organize section operators to focus on the equipments and systems routine check, responsible for the production data collection, checking and input into database timely and correctly.
* Cooperate with other departments for the gas treatment activities.
* Supervise and audit section operators routine check and handover work, include:
	+ Routine check log book/sheet
	+ Time sheet
	+ Handover log book
* Train the section employee to make sure they are qualified with the specific work.
* Equipment status log management, report malfunction equipments, initiate work orders and trace maintenance progress.
* Establish and timely update operating procedure, operation manual and other management documents.
* Ensure responsible area is clean and in a good order.

During this time, I worked in MPP 04 gas plant in Hassi R’mel gas filed  |
| From | To | Company | Job Title |
| **2007** | **2014** | **SONATRACH** | **OPERATIONS ENGINEER** |
| * Review gas process conditions and make adjustment if necessary to maximize gas production and enhance gas quality.
* Monitor the application of safety procedures of gas processing activities.
* Organize section operators to focus on the equipments and systems routine check.
* Troubleshooting with maintenance team and supervise operation work on the system including but not limited: GE gas turbine, Roto flow turboexpender, boiler and heater; Gas compressor, glycol regeneration tower; deethanizer unite, and debutanizer unite.

During this time I worked in MPP 04 gas plant in Hassi R’ mel gas filed, Algeria. |
| From | To | Company | Job Title |
| **2004** | **2005** | **CONSTANTINE UNIVERSITY** | **TAMPORARY TEATCHER** |
| I have assured tutorials session of general chemistry to students in the first academic year.During this time I worked in Constantine university, Algeria |
| From | To | Company | Job Title |
| **2002** | **2004** | **PROLIPOS** | **SHIFT ENGINEER**  |
| Carried out the performance tests, commissioning and start-up of the vegetable oil refinery.I have ensured the smooth functioning of the process of oil production in quality and flow.I supervised the routine work, and maintenance operations.I supervised the start-up and the shutdown of strategic Machines: steam boilers, vacuum system, and column under vacuum. Water unit treatment (softener, reverse osmosis...)I checked the chemicals preparation and the adjustment of the chemicals injection such as sulphuric and phosphoric acid, caustic soda...During this time I worked in Proplipos vegetable oil refinery in Ain M’lila, Algeria |

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| **Professional Training**1. Energetic auditor, Hassi r’mel, Algeria,2013
2. Professional trainer, IAP, Alegria, 2016
3. Hazop swift, Hassi r’mel, Algeria, 2016
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| **Safety Training**HSE passport, Hassi r’mel, Algeria,2010 |
| **Software**[Aspen HYSYS](https://www.aspentech.com/en/products/engineering/aspen-hysys) |
| **Education** * *Phd in chemical engineering,2017, Constantine university Algeria*
* *Specialize engineer in oil and gas processing, 2008, IAP Boumerdes Algeria*
* *Magistere en physicochimie des materiaux, 2004, Annaba university Algeria*
* *Engineer in process engineering, 2001, Constantine university Algeria*
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| **Languages** *Arabic- native,* *French-fluent**English- working*  |