

## CIRO DIOGO FERREIRA

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### Profile

Health and Safety professional with 15+ years of experience working in construction industry projects on site and in the office. Managing a variety of construction and HSE teams, I'm successful in creating effective communication between personnel, HSE technicians, contractors & clients. Being a pro-active professional with strong organizational skills, I'm also experienced with incident investigations and reports, risk assessments, method statements, safety plans and Standard Operating Procedures, ensuring that health, safety, environment, and security requirements are implemented by appropriate personnel and contractors.

### Key Skills

- Occupational Health & Safety
- Risk Assessment & Risk Analysis
- Accident & Incident Investigation
- HSE Site Construction Plans
- Team Management & Training
- HSE Audits

### Professional Experience

#### ON GOING:

##### **HSE Supervisor at Tecnimont**

February 2022 to present

##### **New European PDH – Borealis | Kallo, Belgium**

New European PDH Plant Project - Borealis (Kallo - Belgium) - BOREALIS, a leading provider of innovative solutions in the fields of polyolefins, base chemicals and fertilizers intends to build a new, world-scale propane dehydrogenation (PDH) plant, based on UOP Licensed Oleflex™ Technology, to be located at the existing COMPANY production site in Kallo, Belgium. The planned PDH plant has a targeted annual production capacity of 750 Kiloton per calendar year, making it one of the largest and most efficient facilities in the world.

Client: Borealis (Belgium)

#### PAST:

##### **NEBOSH IG2 Examiner at NEBOSH**

January 2020 to May 2022

##### **Nebosh IGC – IG2 Risk Assessment Examiner**

<https://www.nebosh.org.uk/>

##### **HSE Manager at Air Liquide Engineering & Construction**

May 2021 to November 2021

##### **ASU Moerdijk Project | Moerdijk, Netherlands**

Client: Air Liquide Benelux (Belgium)

Air Liquide announces an investment of 125 million euros to build the first world-scale Air Separation Unit (ASU) for oxygen production with an energy storage system that helps facilitate more renewable energy on the electricity grid due to its grid stabilizing capability. This highly efficient plant, with circa 10% less electricity consumption, will have a production capacity of 2,200 tons of oxygen per day, and will be built in Port of Moerdijk in the Netherlands.

##### **HSE Manager at Air Liquide Engineering & Construction**


November 2020 to May 2021

##### **J1N2 Revamping Project | Antwerp, Belgium**

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##### **HSE Advisor at the Post-reformer Project on behalf of Air Liquid on BASF Plant | Antwerp, Belgium**

Client: Air Liquide Benelux (Belgium)

  
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J1N2R is a brownfield project signed in February 2019 for the Engineering, Procurement and Construction of a Nitrogen Removal Unit to purify the Jupiter 1 Unit CO production stream at BASF's site in Antwerp (Belgium). The project will be fully executed by E&C France. This unit will supply BASF with 99,99% pure CO and will contribute to decreasing their off-gas. The site works opening is scheduled in June, 2020, with FIP foreseen in March, 2021.

#### **HSES Manager at Air Liquide Engineering & Construction**

November 2019 to November 2020

#### **SMR-X Project | Antwerp, Belgium**

Client: Air Liquide Benelux (Belgium)

SMR-X™ is a new generation technology from Air Liquide Engineering & Construction that produces hydrogen without co-producing excess steam. Compared with conventional steam methane reforming, SMR-X™ features higher thermal efficiency at low steam co-production ratios and emits lower levels of CO<sub>2</sub>.

#### **HSE Site Manager (Lot 1) at Felguera-IHI S.A. (Grupo Duro Felguera) | Madrid, Spain**

February 2017 to November 2019

#### **EPC Project – 5th Tank & BOG Facilities Project | Brugge, Belgium**

Client: Fluxys LNG (Belgium)

Turnkey Project - Consortium - Felguera IHI, Duro Felguera & Balzola

Execution of the extension of the Fluxys LNG Terminal in Zeebrugge, Bruges, Belgium.  
Construction of a fifth LNG storage tank (Lot 2) and a Boil-Off Gas Facilities (Lot 1).

Boil-off gas handling installation:

- Cryogenic BOG compressors
- LP-HP pipeline compressor
- HP Pipeline compressors,

Regasification facilities:

- 1 ORV with back-up heating (optional),

Modification works on existing installation:

- Extension of the process installations on the existing LNG Terminal (piping, civil structures, protection systems, electricity, instrumentation).

#### **HSE Site Manager at Nervión Industries – Ingeniería y Construcción | Bilbao, Spain**

July 2015 to October 2016

EPC Contractor – Iberdrola Ingeniería y Construcción | Spain

#### **EPC Project - CCGT Lichterfelde Project | Berlin, Germany**

Construction of a new combined-cycle power plant including a new Boiler and a 100 meters stack (Nervión Industries scope). The Global Project Value equal to US\$640M;

#### **HSE Site Manager at Copisa Proyectos y Mantenimientos Industriales S.A.U. | Barcelona, Spain**

July 2013 – September 2014

EPC Contractor – SNC-Lavalin | Canada

#### **EPCM Project - GuelbII Project | Mauritania, North Africa**

Knowledge and experience with Middle East North Africa

Construction of iron ore processing plant, extension of existing Guelb El Rhein iron ore mine and associated infrastructure. The Global Project Value equal to US\$800M; HSE Team Management – 14 HSE Supervisors/900 employees.

#### **Achievements:**

- Improve 25% of External Audit (SNC-Lavalin) from 60% to 85%.
- Reduce 72% of accidents on-site.

#### **HSE Consultant at Águas de Santo André | Portugal**

February 2013 – June 2013

#### **Water Facilities - HSE Services**

The AdP - Águas de Portugal develops a structuring role in the environmental sector in Portugal with activities in the fields of water supply, sanitation and wastewater treatment and recovery of waste.

#### **Duties performed:**

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- Conducted behavior training and contractors safety management works.
- Performed incident investigations to identify root cause and offered preventive solutions.
- Advise clients regarding legislative compliance.
- Ensure corporate policies adhere to governmental regulations.

**HSE Manager at Copisa Proyectos y Mantenimientos Industriales S.A. | Sines – Portugal**

September 2009 – October 2012

EPC Contractor – Técnicas Reunidas | Spain

**EPC Project – Refinery of Sines Conversion Project | Portugal**

Main Contractor in the construction of a new Hydrocracker Unit in the Refinery of Sines, Portugal. Global Project Value US\$1.4Bn.  
HSE Team Management – 17 HSE Supervisors/1000 employees.

**Achievements:**

- 3,2M hours with NO LOSS TIME INJURY
- Award High Quality Industrial Performance 2009-2012

**HSE Site Senior Technician at Engiarte, Engenharia & Construções S.A. – Lisbon, Portugal**

December 2008 – September 2009

EPC Contractor – Aker Solutions | UK

**EPC Project – Artenius Project – Buildings | Sines - Portugal**

Construction of 9 buildings (administrative, facilities, Control Room, Utilities). Project Value US\$6M.

**HSE Site Supervisor at Seth S.A. | Lisbon - Portugal**

April 2007 – December 2008

EPC Contractor – CME | Portugal

**EPC Project – Refinery of Sines Cogeneration Project | Sines - Portugal**

Construction of all civil works: foundations, Structure and electrical buildings.

**HSE Site Coordinator at Metalcário S.A. – Grupo Metalcário – Lisbon - Portugal**

December 2006 – April 2007

EPC Contractor – Galp Sines | Portugal

**EPC Project – Refinery of Sines Cogeneration Building | Sines – Portugal**

Construction of a small building to support the Cogeneration Project.

## Qualifications

**CMIOSH – Chartered Member IOSH (Institution of Occupational Safety and Health)**

IOSH – The Institution of Occupational Safety and Health

*(On Going)*

London, UK

**GradIOSH – Graduate IOSH (Institution of Occupational Safety and Health)**

IOSH – The Institution of Occupational Safety and Health

2015

London, UK

**Post-Graduation Health, Safety & Environment – CAP Level V**

Instituto Piaget – Vila Nova de Santo André

2005 – 2006

Vila Nova de Santo André – Portugal

Comparable to N/SVQ level 5 standard

**Degree in Social Sciences**

Universidade Moderna de Lisboa

2004

Lisbon – Portugal

Comparable to British Bachelor (Honours) degree standard by NARIC UK

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## Other Qualifications

### **IOSH Behavioural Safety Leadership**

RMS Switzerland  
February 2020  
Switzerland, Europe

### **IOSH Managing Safely V5**

British Safety Council  
December 2019  
London, UK

### **ATEX Directive**

ISQ – Instituto de Soldadura & Qualidade  
October 2016  
Lisbon, Portugal

### **CSCS Card – Professionally Qualified Person (PQP) Card**

CITB – Construction Industry Training Board  
July 2015  
London, UK

### **Health and Safety test for Managers & Professionals – CITB**

CITB – Construction Industry Training Board  
June 2015  
London, UK

### **VCA VOL (Supervisors) Certificate - Health, Safety & Environment Certification**

BNT Centrum  
March 2015  
Belgium

### **English Advanced Course – Level C1 Advanced**

British Council Lisbon  
September 2014 – December 2014  
Lisbon – Portugal

### **CAP Trainer Course - Pedagogy Competences**

NHK – Training in technology  
2007  
Lisbon – Portugal

## Languages

- **Portuguese** (Native)
- **Spanish** – Proficiency - Level C2
- **English** – Advanced - Level C1
- **French** – Basic Knowledge – Level A1
- **Dutch** – Level 1 at SNT Volwassenen Onderwijs, Brugge

## Achievements & Awards

- Silver Medal in recognition of outstanding contribution to the ALBI SMR-X Project given by Air Liquide E&C | 2020
- Best Company 2015/2016– Award for engagement to safety given by Vattenfall | 2016
- Best Safety Performance – January and June 2016 given by Iberdrola, Ingeniería y Construcción | 2016
- 30% improve of HSE performance on-site | 2014
- Award HSE - High Quality Industry Performance | 2012
- No Loss Time Injury's – GALP Project 2009- 2012

## Interests

Travel / Sports / Music / Movies / Culture, History and Geography