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**PERSONAL DATA**

NAME : LILY LESTARI

POSITION : PHA & SIL ASSESSMENT LEADER

PLACE, DATE OF BIRTH : JAKARTA, 16 JANUARI 1978

MARITAL STATUS : MARRIED

EMPLOYEE STATUS : CONTRACT

EDUCATION : S1 – INSTITUT TEKNOLOGI BANDUNG GRADUATE 2003

MAJORING CHEMICAL ENGINEERING

HOME ADDRESS : JL. RINJANI BLOK K NO. 7, RAFFLESIA, JATIMAKMUR, BEKASI, INDONESIA, 17143

**SUMMARY EXPERIENCE**

Having around fifteen (15) years of total working experience in over 60 projects involvement in Oil & Gas related fields including onshore, offshore, subsea. FPSO installations, pipelines and power plants.

* Oil and Gas Project Experience : 10 years
* Offshore Project Experience : 5 years
* Power Plant Project Experience : . . . . . . . . . . . . . . . . . . . . . . . . .
* Other Project Experience : . . . . . . . . . . . . . . . . . . . . . . . . .

Experienced in leading hazard analysis meeting and workshop such as HAZOP, HAZID, HAZAN, Electrical HAZOP (SAFOP), what-if, SIL, for topsides as well as subsea facilities.

In terms of specialties, possessing good knowledge in development as well as review of complete Quantitative Risk Assessments, Onshore Pipeline Risk Assessment, Subsea Pipeline Risk Assessment, Design Safety Case, Operation safety Case, Safety Concept, Critical Vessel Failure Analysis, EERA, Dropped Object Study, Safety Equipment Lay-Out, Fire Water Calculation Demand, Fire Safety Review, HAZOP, HAZID, Fire and Safety Equipment Data Sheet, Hazardous Area Classification, Fire and Safety Equipment Specification, Fire Protection Philosophy and P&ID, Fire and Risk Assessment, Essential System Survivability Assessment, Ship Collision Study, SIL Study, etc.

**WORK EXPERIENCES** :

1. Year : 2018

Project : SP Bambu Besar

Project Type : Engineering Service

Client : PT Pertamina EP

Plant Owner : PT Pertamina EP

Position Held : HAZOP Facilitation

My Responsibility

1. HAZOP Review
2. Year : 2018

Project : WK-1 Development

Project Type : Engineering Service

Client : Mandala Energy

Plant Owner : Mandala Energy

Position Held : HAZOP Facilitation

My Responsibility

1. HAZOP Review
2. Year : 2018

Project : SP Bambu Besar

Project Type : Engineering Service

Client : PT Pertamina EP

Plant Owner : PT Pertamina EP

Position Held : HAZID Facilitation

My Responsibility

1. HAZID Review
2. Year : 2018

Project : WK-1 Development

Project Type : Engineering Service

Client : Mandala Energy

Plant Owner : Mandala Energy

Position Held : HAZID Facilitation

My Responsibility

1. HAZID Review
2. Year : 2018

Project : Bukit Tua Condensate Handling Facility

Project Type : Engineering Service

Client : Petronas Carigali Ketapang

Plant Owner : Petronas Carigali Ketapang

Position Held : SIL Facilitation

My Responsibility

1. SIL Review
2. Year : 2017

Project : Ramba Field Development

Project Type : Engineering Service

Client : PT Pertamina EP

Plant Owner : PT Pertamina EP

Position Held : HAZOP Facilitation

My Responsibility

1. HAZOP Review
2. Year : 2017

Project : West Kerendan-1 (WK-1) Development

Project Type : Engineering Service

Client : Ophir Ltd

Plant Owner : Ophir Ltd

Position Held : HAZOP Facilitation

My Responsibility

1. HAZOP Review
2. Year : 2017

Project : Block Station Kambitin II

Project Type : Engineering Service

Client : Pertamina EP – Adaro

Plant Owner : Pertamina EP – Adaro

Position Held : HAZOP Facilitation

My Responsibility

* 1. HAZOP Review

1. Year : 2017

Project : Block Station Wakurin Selatan

Project Type : Engineering Service

Client : PT Pertamina EP – Adaro

Plant Owner : PT Pertamina EP – Adaro

Position Held : HAZOP Facilitation

My Responsibility

* 1. HAZOP Review

1. Year : 2017

Project : Block Station Wakurin Tengah

Project Type : Engineering Service

Client : PT Pertamina Ep – Adaro

Plant Owner : PT Pertamina EP – Adaro

Position Held : HAZOP Facilitation

My Responsibility

* 1. HAZOP Review

1. Year : 2017

Project : Lapangan Bambu Besar

Project Type : Engineering Service

Client : PT Pertamina EP

Plant Owner : PT Pertamina EP

Position Held : HAZOP Facilitation

My Responsibility

* 1. HAZOP Review

1. Year : 2017

Project : Grati Block 2 Project

Project Type : Engineering Service

Client : Indonesia Power

Plant Owner : Indonesia Power

Position Held : HAZOP Facilitation

My Responsibility

* 1. HAZOP Review

1. Year : 2017

Project : Tie-in for ORF (Jangkrik Complex Project EPCI)

Project Type : Engineering Service

Client : ENI

Plant Owner : ENI

Position Held : HAZOP Facilitation

My Responsibility

* 1. HAZOP Review

1. Year : 2017

Project : Revalidasi untuk ORF Tambak Lorok

Project Type : Engineering Service

Client : Kalimantan – Jawa Gas (KJG – PGN)

Plant Owner : Kalimantan – Jawa Gas (KJG – PGN)

Position Held : HAZOP Facilitation

My Responsibility

* 1. HAZOP Review

1. Year : 2017

Project : Pembangunan Lapangan JIRAK

Project Type : Engineering Service

Client : PT Pertamina EP

Plant Owner : PT Pertamina EP

Position Held : HAZOP Facilitation

My Responsibility

* 1. HAZOP Review

1. Year : 2017

Project : Pembangunan Stasiun Pengumpul Beringin A HAZOP

Project Type : Engineering Service

Client : PT Pertamina EP

Plant Owner : PT Pertamina EP

Position Held : HAZOP Facilitation

My Responsibility

* 1. HAZOP Review

1. Year : 2017

Project : AGX Flare Replacement HAZOP

Project Type : Engineering Service

Client : Premier Oil

Plant Owner : Premier Oil

Position Held : HAZOP Facilitation

My Responsibility

* 1. HAZOP Review

1. Year : 2017

Project : West Kerendan (WK-1) Development

Project Type : Engineering Service

Client : Ophir Energy Ltd

Plant Owner : Ophir Energy Ltd

Position Held : HAZID Facilitation

My Responsibility

* 1. HAZID Review

1. Year : 2017

Project : Lapangan Warukin Tengah, Selatan, KambitinII, BS Tanjung dan Tapian Timur

Project Type : Engineering Service

Client : PT Pertamina EP – Adaro

Plant Owner : PT Pertamina EP – Adaro

Position Held : HAZID Facilitation

My Responsibility

* 1. HAZID Review

1. Year : 2017

Project : Baladewa Well Tie In to Matoa Facility (JOB Pertamina –

Petrochina Salawati)

Project Type : Engineering Service

Client : MontD’or Oil Salawati

Plant Owner : MontD’or Oil Salawati

Position Held : HAZID Facilitation

My Responsibility

1. HAZID Review
2. Year : 2017

Project : ORF Tambak Lorok

Project Type : Engineering Service

Client : Kalimantan Jawa Gas (PGN)

Plant Owner : Kalimantan Jawa Gas (PGN)

Position Held : HAZID Facilitation

My Responsibility

* 1. HAZID Review

1. Year : 2017

Project : Pembangunan Stasiun Pengumpul Beringin A

Project Type : Engineering Service

Client : PT Pertamina EP

Plant Owner : PT Pertamina EP

Position Held : HAZID Facilitation

My Responsibility

* 1. HAZID Review

1. Year : 2017

Project : SAFOP/SYSOP for Pertamina EP Prabumulih

Project Type : Engineering Service

Client : PT Pertamina EP

Plant Owner : PT Pertamina EP

Position Held : Electrical HAZOP Facilitation

My Responsibility

* 1. Electrical HAZOP Review

1. Year : 2016

Project : Gresik Gas Cogeneration Plant (Power Plant)

Project Type : Engineering Service

Client : PI Energy

Plant Owner : PI Energy

Position Held : HAZOP Facilitation

My Responsibility

* 1. HAZOP Review

1. Year : 2016

Project : Hexindo Gemilang Jaya

Project Type : Engineering Service

Client : Lemang PSC – Ramba Energy

Plant Owner : Lemang PSC – Ramba Energy

Position Held : HAZOP Facilitation

My Responsibility

* 1. HAZOP Review

1. Year : 2016

Project : Gajah Baru Compressor Rewheeling

Project Type : Engineering Service

Client : Premier Oil

Plant Owner : Premier Oil

Position Held : HAZOP Facilitation

My Responsibility

* 1. HAZOP Review

1. Year : 2016

Project : Gajah Baru Gas Injection Facility

Project Type : Engineering Service

Client : Premier Oil

Plant Owner : Premier Oil

Position Held : HAZOP Facilitation

My Responsibility

* 1. HAZOP Review

1. Year : 2016

Project : Anoa Control Retrofit

Project Type : Engineering Service

Client : Premier Oil

Plant Owner : Premier Oil

Position Held : HAZOP Facilitation

My Responsibility

* 1. HAZOP Review

1. Year : 2016

Project : Gresik Cogeneration Plant (Power Plant)

Project Type : Engineering Service

Client : PI Energy

Plant Owner : PI Energy

Position Held : HAZID Facilitation

My Responsibility

* 1. HAZID Review

1. Year : 2016

Project : Hexindo Gemilang Jaya

Project Type : Engineering Service

Client : Lemang PSC – Ramba Energy

Plant Owner : Lemang PSC – Ramba Energy

Position Held : HAZID Facilitation

My Responsibility

* 1. HAZID Review

1. Year : 2016

Project : Gresik Gas Cogeneration Plant (Power Plant)

Project Type : Engineering Service

Client : PI Energy

Plant Owner : PI Energy

Position Held : Electrical HAZOP Facilitation

My Responsibility

* 1. Electrical HAZOP Review

1. Year : 2016

Project : Pelikan Facility

Project Type : Engineering Service

Client : Premier Oil

Plant Owner : Premier Oil

Position Held : Electrical HAZOP Facilitation

My Responsibility

* 1. Electrical HAZOP Review

1. Year : 2016

Project : Naga Wellhead Platform

Project Type : Engineering Service

Client : Premier Oil

Plant Owner : Premier Oil

Position Held : Electrical HAZOP Facilitation

My Responsibility

1. Electrical HAZOP Review
2. Year : 2016

Project : Gajah Baru Facility

Project Type : Engineering Service

Client : Premier Oil

Plant Owner : Premier Oil

Position Held : Electrical HAZOP Facilitation

My Responsibility

1. Electrical HAZOP Review
2. Year : 2015

Project : Rental Compressor Tie-in for L-PARIGI

Project Type : Engineering Service

Client : PT Pertamina EP

Plant Owner : PT Pertamina EP

Position Held : HAZOP Facilitation

My Responsibility

* 1. HAZOP Review

1. Year : 2015

Project : Pengembangan SP Cilamaya Utara

Project Type : Engineering Service

Client : PT Pertamina EP

Plant Owner : PT Pertamina EP

Position Held : HAZOP Facilitation

My Responsibility

* 1. HAZOP Review

1. Year : 2015

Project : FEDD Cikarang Tegal Pacing

Project Type : Engineering Service

Client : PT Pertamina EP

Plant Owner : PT Pertamina EP

Position Held : HAZOP Facilitation

My Responsibility

* 1. HAZOP Review

1. Year : 2015

Project : Proses Bypass & Ground Flare Isolation Anoa FPSO

Project Type : Engineering Service

Client : Premier Oil

Plant Owner : Premier Oil

Position Held : HAZOP Facilitation

My Responsibility

* 1. HAZOP Review

1. Year : 2015

Project : Geragai Modification for BCD FEED Project

Project Type : Engineering Service

Client : Petrochina International Jabung Ltd

Plant Owner : Petrochina International Jabung Ltd

Position Held : HAZOP Facilitation

My Responsibility

* 1. HAZOP Review

1. Year : 2015

Project : Pengembangan Cilamaya Utara

Project Type : Engineering Service

Client : PT Pertamina EP

Plant Owner : PT Pertamina EP

Position Held : HAZID Facilitation

My Responsibility

* 1. HAZID Review

1. Year : 2015

Project : FEDD Cikarang Tegal Pacing

Project Type : Engineering Service

Client : PT Pertamina EP

Plant Owner : PT Pertamina EP

Position Held : HAZID Facilitation

My Responsibility

* 1. HAZID Review

1. Year : 2015

Project : Anoa FPSO Crude Oil and Hull Sandblasting and Painting

Project Type : Engineering Service

Client : Premier Oil

Plant Owner : Premier Oil

Position Held : HAZID Facilitation

My Responsibility

* 1. HAZID Review

1. Year : 2015

Project : West Lobe LAMA Campaign Post Rig Move

Project Type : Engineering Service

Client : Premier Oil

Plant Owner : Premier Oil

Position Held : HAZID Facilitation

My Responsibility

* 1. HAZID Review

1. Year : 2015

Project : Geragai Modification for BCD 5 FEED Project

Project Type : Engineering Service

Client : Petrochina International Jabung Ltd

Plant Owner : Petrochina International Jabung Ltd

Position Held : HAZID Facilitation

My Responsibility

* 1. HAZID Review

1. Year : 2015

Project : WNTS Pipeline Emergency Blowdown

Project Type : Engineering Service

Client : Premier Oil

Plant Owner : Premier Oil

Position Held : Subsea HAZID Facilitation

My Responsibility

* 1. Subsea HAZID Review

1. Year : 2015

Project : Pre-SIL Classification for Gajah Baru Facility

Project Type : Engineering Service

Client : Premier Oil

Plant Owner : Premier Oil

Position Held : Safety Integrity Level (SIL) Facilitation

My Responsibility

* 1. Safety Integrity Level (SIL Review

1. Year : 2015

Project : Gajah Baru ALARP Demonstration Workshop

Project Type : Engineering Service

Client : Premier Oil

Plant Owner : Premier Oil

Position Held : Project Risk Register/Others Workshop Facilitation

My Responsibility

* 1. Project Risk Register/Others Workshop Review

1. Year : 2015

Project : Anoa ALARP Demonstration Workshop

Project Type : Engineering Service

Client : Premier Oil

Plant Owner : Premier Oil

Position Held : Project Risk Register/Others Workshop Facilitation

My Responsibility

* 1. Project Risk Register/Others Workshop Review

1. Year : 2015

Project : Gajah Baru WHCP Fault Analysis Workshop

Project Type : Engineering Service

Client : Premier Oil

Plant Owner : Premier Oil

Position Held : Project Risk Register/Others Workshop Facilitation

My Responsibility

* 1. Project Risk Register/Others Workshop Review

1. Year : 2015

Project : West Lobe Lama EPCI Risk Register Workshop

Project Type : Engineering Service

Client : Premier Oil

Plant Owner : Premier Oil

Position Held : Project Risk Register/Others Workshop Facilitation

My Responsibility

* 1. Project Risk Register/Others Workshop Review

1. Year : 2014

Project : Subsea Pipelines SA12 (20), SA13, SA14A/B

Abandonment (Flushing, Cleaning and Dismantling)

Project Type : Engineering Service

Client : Premier Oil

Plant Owner : Premier Oil

Position Held : HAZOP Facilitation

My Responsibility

* 1. HAZOP Review

1. Year : 2014

Project : FEL-2 Grissik Bentayan Condensate Line Replacement

Project Type : Engineering Service

Client : Conoco Phillips

Plant Owner : Conoco Phillips

Position Held : HAZOP Facilitation

My Responsibility

* 1. HAZOP Review

1. Year : 2014

Project : EPCI Onshore Pigging Facility Batch-1 (Suban Well #6 and

Suban Well #4 Jumper Line)

Project Type : Engineering Service

Client : Conoco Phillips

Plant Owner : Conoco Phillips

Position Held : HAZOP Facilitation

My Responsibility

* 1. HAZOP Review

1. Year : 2014

Project : Pelikan Pipeline and Pigging Equipment (HAZOP 7)

Project Type : Engineering Service

Client : Premier Oil

Plant Owner : Premier Oil

Position Held : HAZOP Facilitation

My Responsibility

* 1. HAZOP Review

1. Year : 2014

Project : Krisna P Platform, Installation of Additional Power

Generator

Project Type : Engineering Service

Client : CNOOC

Plant Owner : CNOOC

Position Held : HAZOP Facilitation

My Responsibility

1. HAZOP Review
2. Year : 2014

Project : FEED Grati Compression Modification FEED

Project Type : Engineering Service

Client : Santos

Plant Owner : Santos

Position Held : HAZOP Facilitation

My Responsibility

1. HAZOP Review
2. Year : 2014

Project : Advanced Conceptual Study of Teluk Berau C

Development

Project Type : Engineering Service

Client : JOB Pertamina – Petrochina Salawati

Plant Owner : JOB Pertamina – Petrochina Salawati

Position Held : HAZID Facilitation

My Responsibility

* 1. HAZID Review

1. Year : 2014

Project : FEED Grati Compression Modification

Project Type : Engineering Service

Client : Santos

Plant Owner : Santos

Position Held : HAZID Facilitation

My Responsibility

* 1. HAZID Review

1. Year : 2014

Project : FEL 3, Onshore Pigging Facility Batch-2 + DED

Project Type : Engineering Service

Client : Conoco Phillips

Plant Owner : Conoco Phillips

Position Held : HAZID Facilitation

My Responsibility

* 1. HAZID Review

1. Year : 2014

Project : Krisna P Platform, Additional Power Generator

Project Type : Engineering Service

Client : CNOOC

Plant Owner : CNOOC

Position Held : HAZID Facilitation

My Responsibility

* 1. HAZID Review

1. Year : 2014

Project : SA-12/13/14A/14B Subsea Pipelines Abandonment

Project Type : Engineering Service

Client : Premier Oil

Plant Owner : Premier Oil

Position Held : Subsea HAZID Facilitation

My Responsibility

* 1. Subsea HAZID Review

1. Year : 2014

Project : SIL Clarification & Verification Study for AGX Platform

Project Type : Engineering Service

Client : Premier Oil

Plant Owner : Premier Oil

Position Held : SIL Facilitation

My Responsibility

* 1. SIL Review

1. Year : 2014

Project : SIL Allocation Study for Pembangunan Fasilitas Produksi

Gas Donggi

Project Type : Engineering Service

Client : PT Pertamina EP

Plant Owner : PT Pertamina EP

Position Held : SIL Facilitation

My Responsibility

* 1. SIL Review

1. Year : 2014

Project : SIL Clarification and Verification Study for WL LAMA Hi

Pressure System DED

Project Type : Engineering Service

Client : Premier Oil

Plant Owner : Premier Oil

Position Held : SIL Facilitation

My Responsibility

1. SIL Review
2. Year : 2014

Project : SIL Clarification Study for West Lobe Platform

Project Type : Engineering Service

Client : Premier Oil

Plant Owner : Premier Oil

Position Held : SIL Facilitation

My Responsibility

* 1. SIL Review

1. Year : 2014

Project : SIL Study for WL LAMA Hi Pressure System FEED

Project Type : Engineering Service

Client : Premier Oil

Plant Owner : Premier Oil

Position Held : SIL Facilitation

My Responsibility

* 1. SIL Review

1. Year : 2014

Project : SIL Clarification & Verification Study for Anoa Platform

Project Type : Engineering Service

Client : Premier Oil

Plant Owner : Premier Oil

Position Held : SIL Facilitation

My Responsibility

* 1. SIL Review

1. Year : 2013

Project : PHE 7 and PHE 12 Wellhead Platform Revalidation

Project Type : Engineering Service

Client : PHE WMO

Plant Owner : PHE WMO

Position Held : HAZOP Facilitation

My Responsibility

* 1. HAZOP Review

1. Year : 2013

Project : PHE 7 and PHE 12 Wellhead Platform Revalidation

Project Type : Engineering Service

Client : PHE WMO

Plant Owner : PHE WMO

Position Held : HAZID Facilitation

My Responsibility

1. HAZID Review
2. Year : 2013

Project : SIL Study for PHE-7 and PHE-12 Wellhead Platform

Project Type : Engineering Service

Client : PHE WMO

Plant Owner : PHE WMO

Position Held : SIL Facilitation

My Responsibility

* 1. SIL Review

1. Year : 2013

Project : West Lobe Lama Tie-in Project DED

Project Type : Engineering Service

Client :

Plant Owner :

Position Held : Project Risk Register/Other Workshops Facilitation

My Responsibility

* 1. Project Risk Register/Other Workshops Review

1. Year : 2012

Project : Crude Oil Pump Condenser

Project Type : Engineering Service

Client : Premier Oil

Plant Owner : Premier Oil

Position Held : HAZOP Facilitation

My Responsibility

* 1. HAZOP Review

1. Year : 2012

Project : Gb GSA-1 Slug Catcher as Temporary Condensate

Storage

Project Type : Engineering Service

Client : Premier Oil

Plant Owner : Premier Oil

Position Held : HAZID Facilitation

My Responsibility

* 1. HAZID Review

1. Year : 2012

Project : AGX Flare Tip

Project Type : Engineering Service

Client : Premier Oil

Plant Owner : Premier Oil

Position Held : HAZID Facilitation

My Responsibility

* 1. HAZID Review

1. Year : 2012

Project : Anoa Riser Coupon Cutting

Project Type : Engineering Service

Client : Premier Oil

Plant Owner : Premier Oil

Position Held : HAZID Facilitation

My Responsibility

* 1. HAZID Review

1. Year : 2012

Project : West Lobe Well #5,6 and 7 Tie-in

Project Type : Engineering Service

Client : Premier Oil

Plant Owner : Premier Oil

Position Held : HAZID Facilitation

My Responsibility

* 1. HAZID Review

1. Year : 2012

Project : SA-21 and SA-23 Subsea Wellhead Protection System

Project Type : Engineering Service

Client : Premier Oil

Plant Owner : Premier Oil

Position Held : Subsea HAZID Facilitation

My Responsibility

1. Subsea HAZID Review
2. Year : 2012

Project : Mercury Removal Unit Development Project

Project Type : Engineering Service

Client : Premier Oil

Plant Owner : Premier Oil

Position Held : Project Risk Register/Other Workshops Facilitation

My Responsibility

* 1. Project Risk Register/Other Workshops Review

1. Year : 2011

Project : Anoa Production Separator

Project Type : Engineering Service

Client : Premier Oil

Plant Owner : Premier Oil

Position Held : HAZOP Facilitation

My Responsibility

* 1. HAZOP Review

1. Year : 2011

Project : Anoa Riser Blowdown

Project Type : Engineering Service

Client : Premier Oil

Plant Owner : Premier Oil

Position Held : HAZID Facilitation

My Responsibility

* 1. HAZID Review

1. Year : 2011

Project : Manual Blowdown

Project Type : Engineering Service

Client : Premier Oil

Plant Owner : Premier Oil

Position Held : HAZID Facilitation

My Responsibility

* 1. HAZID Review

1. Year : 2011

Project : Connection of West Callisto Drilling Rig to West Lobe

Wellhead Platform During SIMOPS

Project Type : Engineering Service

Client : Premier Oil

Plant Owner : Premier Oil

Position Held : HAZID Facilitation

My Responsibility

* 1. HAZID Review

1. Year : 2011

Project : Anoa Riser and Plem

Project Type : Engineering Service

Client : Premier Oil

Plant Owner : Premier Oil

Position Held : Subsea HAZID Facilitation

My Responsibility

1. Subse HAZID Review

**REGISTERED ENGINEER:**

Certified Process Hazard Analysis (PHA) and HAZOP Leader from TUV NORD ACADEMY.

Yours Faithfully,

( LILY LESTARI )