



Ana Malini Binti Morshidi

Senior Instrument Drafter (16 years)

H/p : 017-3969793

Experience

Sixteen (16) years in instrument drafting for offshore and onshore oil and gas industry (Onshore & Offshore facilities design)

Oct 2012 - Present

Senior Instrument Drafter

Technip GeoProduction (M) Sdn Bhd | Kuala Lumpur, Malaysia

Industry	Oil / Gas / Petroleum
Client	Petronas
Project Title	EPCIC for Petronas Floating LNG Project (P-FLNG)
Project Position	Senior Instrument Draftswoman

Job Description

i) PDMS modelling

Aug 2011 – Sept 2012

Senior Instrument Drafter

Technip GeoProduction (M) Sdn Bhd | Kuala Lumpur, Malaysia

Industry	Oil / Gas / Petroleum
Client	Statoil ASA
Project Title	Valemon Topside Detailed Engineering
Project Position	Senior Instrument Draftswoman

Job Description

i) Use Micro Station to prepare :-

- Fire & Gas cable routing layout
- Block diagram
- Multi cable transit

Jul 2010 – Aug 2011

Senior Instrument Drafter

Technip GeoProduction (M) Sdn Bhd | Kuala Lumpur, Malaysia

Industry	Oil / Gas / Petroleum
Client	Petronas Carigali Sdn Bhd
Project Title	Provision of Detail Design Services for TKJT-C Platform and Front End Engineering Design for TKDP-A Platform for Tukai Revisit Project – Phase 1
Project Position	Senior Instrument Draftswoman

Job Description

– As built drawing

May 2010 – Jun 2010

Senior Instrument Drafter

Technip GeoProduction (M) Sdn Bhd | Kuala Lumpur, Malaysia

Industry	Oil / Gas / Petroleum
Client	Japan Vietnam Petroleum Co.
Project Title	Rand Dong Field Development
Project Position	Senior Instrument Draftswoman
Project description	Engineering Services – Offshore lump sum & reimbursable (Change Notice)

Job Description

- Loop drawing

Jan 2010 – Apr 2010

Senior Instrument Drafter

Technip GeoProduction (M) Sdn Bhd | Kuala Lumpur, Malaysia

Industry	Oil / Gas / Petroleum
Client	MISC / Malaysia Marine & Heavy Engineering
Project Title	Topside Detailed Engineering for Gumusut-Kakap Production Unit Project
Project Position	Senior Instrument Draftswoman
Project description	Engineering of a semi-submersible floating production unit in 12,000m water depth

Job Description

- Fire & Gas Layout
- Instrument junction box, cable location
- Instrument tubing layout
- Fire & Gas cause & effect matrix
- Wiring diagram

Oct 2009 – Dec 2009

Senior Instrument Drafter

Technip GeoProduction (M) Sdn Bhd | Kuala Lumpur, Malaysia

Industry	Oil / Gas / Petroleum
Client	Shell Oil & Gas Malaysia LLC
Project Title	Conceptual Design & Detailed Design of Cili Padi Development Project
Project Position	Senior Instrument Draftswoman
Project description	Conceptual & Detailed Design of CPDR-A, F23R-A, Pipeline, Bridge & Modification to facilities.

Job Description

- Use IN-Tools to prepare :-
 - Instrument and FGS Wiring diagram
 - Instrument and FGS Loop diagram

Aug 2009 – Oct 2009

Senior Instrument Drafter

Technip GeoProduction (M) Sdn Bhd | Kuala Lumpur, Malaysia

Industry	Oil / Gas / Petroleum
Client	Shell Oil & Gas Malaysia LLC
Project Title	Conceptual Design & Detailed Design of Cili Padi Development Project
Project Position	Senior Instrument Draftswoman

Job Description

- Responsible to produce the following drawing :-
 - 1) Hook up drawing
 - 2) Instrument and piping interface standard
 - 3) Instrument control building
 - 4) Overall control systems block diagram

Nov 2007 – July 2009

Senior Instrument Drafter

Technip GeoProduction (M) Sdn Bhd | Kuala Lumpur, Malaysia

Industry	Oil / Gas / Petroleum
Client	Petronas Carigali (Turkmenistan) Sdn Bhd
Project Title	Turkmenistan Block 1 Development Project
Project Position	Senior Instrument Draftswoman

Job Description

- Use in tool to prepare :-
 - 1) Instrument wiring diagram and loop diagram
 - 2) Fire and gas wiring diagram and loop diagram

July 2007 – Nov 2007

Senior Instrument Drafter

Technip GeoProduction (M) Sdn Bhd | Kuala Lumpur, Malaysia

Industry	Oil / Gas / Petroleum
Client	Woodside Energy Ltd.
Project Title	Otway Gas Project
Project Position	Senior Instrument Draftswoman

Job Description

- Prepare Otway as built drawing

Jun 2007 – July 2007

Senior Instrument Drafter

Technip GeoProduction (M) Sdn Bhd | Kuala Lumpur, Malaysia

Industry	Oil / Gas / Petroleum
Client	Shell Oil & Gas Malaysia LLC
Project Title	Conceptual Design & Detailed Design of Cili Padi Development Project
Project Position	Senior Instrument Draftswoman
Project description	Conceptual & Detailed Design of CPDR-A, F23R-A, Pipeline, Bridge & Modification to facilities.

Job Description

- Produce Telecom drawing – Block Diagram

Dec 2005 – Jun 2007

Senior Instrument Drafter

Technip GeoProduction (M) Sdn Bhd | Kuala Lumpur, Malaysia

Industry	Oil / Gas / Petroleum
Client	Vietnam Oil & Gas Corporation (PetroVietnam)
Project Title	Dung Quar Refinery
Project Position	Senior Instrument Draftswoman
Project description	Engineering, procurement, construction – Lump Sum, Onshore Downstream

Job Description

- Responsible to produce the following drawings using Micro Station :-
 - 1) Instrument Installation detailed drawing
 - 2) Hook-up drawing
 - 3) Instrument / Piping standard
 - 4) Level Sketched
 - 5) Analyzer House layout

Feb 2005 – June 2005

Instrument Drafter

Technip GeoProduction (M) Sdn Bhd | Kuala Lumpur, Malaysia

Industry	Oil / Gas / Petroleum
Client	CNOOC SES Ltd
Project Title	SAS Gas Project and Zelda / WiduriFuel Gas Facilities
Project Position	Instrument Draftswoman
Project description	Engineering Services for the development of wellhead and gas processing platform, gas compression & CO2 removed plant, gas metering section & pipelines.

Job Description

- Responsible to produce the following drawings:-
 - 1) F&G Block diagram
 - 2) F&G location layout
 - 3) Schematic Diagram
 - 4) F&G layout
 - 5) Telecom layout
 - 6) F&G installation
 - 7) F&G detector location plan
 - 8) Telecom cable schedule
 - 9) Cable wiring
 - 10) MCT drawing

Nov 2004 – Feb 2005

Instrument Drafter

Technip GeoProduction (M) Sdn Bhd | Kuala Lumpur, Malaysia

Industry	Oil / Gas / Petroleum
Client	Talisman Malaysia Limited
Project Title	BR-E Co2 Removal Platform Top-side Project
Project Position	Instrument Draftswoman
Project description	Detailed designed / Engineering to AFC including Technical Bid Evaluation, Vendor Data Review and Incorporation. Provision of engineering support during fabrication, of BR-E CO2 removal platform.

Job Description

- Responsible to produce the following drawings:-
 - 1) Fusible plug location and tubing layout
 - 2) Instrument location layout
 - 3) F&G cause effect
 - 4) F&G MCT layout
 - 5) Instrument wiring diagram
 - 6) Cable routing layout
 - 7) MCT drawing

Oct 2004 – Nov 2004

Instrument Drafter

Technip GeoProduction (M) Sdn Bhd | Kuala Lumpur, Malaysia

Industry	Oil / Gas / Petroleum
Client	Petronas Carigali Sdn Bhd
Project Title	FSO : Puteri Dulang
Project Position	Instrument Draftswoman
Project description	

Job Description

- Preparation of :-
 - 1) Instrument Process Hook-up
 - 2) Instrument Location Plan
 - 3) Instrument Cable Routing
 - 4) Instrument Junction Box
 - 5) Instrument Loop Diagrams
 - 6) Termination Diagrams

Aug 2004 – Oct 2004

Instrument Drafter

Technip GeoProduction (M) Sdn Bhd | Kuala Lumpur, Malaysia

Industry	Oil / Gas / Petroleum
Client	Sarawak Shell Berhad / Sabah Shell Petroleum Co. Ltd.
Project Title	Design Services for E11-B Platform & Pipelines
Project Position	Instrument Draftswoman
Project description	Detailed design and Post AFC Support for Procurement, Fabrication, Installation and HUC, of one 8 legged production platform with 6 modules (E11P-B), one High Pressure Vent Platform (E11V-B), 3 pipelines.

Job Description

- Preparation of :-

- 1) Instrument Schedule
- 2) Instrument Cable Routing
- 3) Instrument Cable Ladder
- 4) Cad Draft for MCT Detail Drawing
- 5) F&G location layout
- 6) Instrument Impulse Lines Drawing
- 7) F&G Cable Schedule
- 8) F&G Termination Diagram

July 2004 – Aug 2004

Instrument Drafter

Technip GeoProduction (M) Sdn Bhd | Kuala Lumpur, Malaysia

Industry	Oil / Gas / Petroleum
Client	Brunei Shell Petroleum Co. Sdn Bhd
Project Title	Fairley – 4 55 Main Living Quarters
Project Position	Instrument Draftswoman
Project description	Detailed design and Post AFC Support for Procurement, Fabrication, Installation and HUC, of one 8 legged production platform with 6 modules (E11P-B), one High Pressure Vent Platform (E11V-B), 3 pipelines.

Job Description

- Preparation of :-
 - 1) As built drawing

Oct 2003 – June 2004

Instrument Drafter

Technip GeoProduction (M) Sdn Bhd | Kuala Lumpur, Malaysia

Industry	Oil / Gas / Petroleum
Client	Cangzhou Chemical Industry Co. Ltd
Project Title	PVC /VCM Plant Cang
Project Position	Instrument Draftswoman
Project description	Supply of license and know-how, Basic and Front End Engineering of Supply key equipment and materials and Technical assistance for construction and commissioning of 400,000t/y VCM / PVC plant.

Job Description

- Preparation of :-
 - 1) Control built layout
 - 2) Instrument standard drawing
 - 3) Instrument hook-up drawing
 - 4) Overall Architecture
 - 5) Loop Diagram
 - 6) Instrument typical writing
 - 7) Instrument main cable routing
 - 8) Control Room
 - 9) Instrument distribution 220vac

June 2003 – Oct 2003

Instrument Drafter

Technip GeoProduction (M) Sdn Bhd | Kuala Lumpur, Malaysia

Industry	Oil / Gas / Petroleum
Client	Cspc Nanhai Petrochemical Project
Project Title	SMPO/MPG/Polyols
Project Position	Instrument Draftswoman
Project description	Engineering, procurement, condtruction and commissioning up to Ready-For-Start-Up (RFSU) of 2 packages related to SMPO & MPG/Polyols of units an integrated chemical complex.

Job Description

- Preparation in Micro Station the Instrument air distribution layouts for unit 4100, 4300, 4400, 4600 & 4700

May 2003 – June 2003

Instrument Drafter

Technip GeoProduction (M) Sdn Bhd | Kuala Lumpur, Malaysia

Industry	Oil / Gas / Petroleum
Client	Brunei Shell Petroleum Co. Sdn Bhd.
Project Title	Egret Phase-1 Gas Development Project
Project Position	Instrument Draftswoman
Project description	Engineering, procurement, fabrication and project management, for Egret Phase-1 Gas Development Project. New facilities include a 12-slot drilling platform, EGDP-1, a 25km long x 20 ins. Diameter multi-phase pipeline and 15km long subsea power cable.

Job Description

- Preparation of :-
 - 1) As built drawings

Feb 2003 – May 2003

Instrument Drafter

Technip GeoProduction (M) Sdn Bhd | Kuala Lumpur, Malaysia

Industry	Oil / Gas / Petroleum
Client	CNOOC (China) Limited
Project Title	Chunxiao Gas Complex Development Project
Project Position	Instrument Draftswoman
Project description	Optimization of Conceptual Studies and preparation of Basic Engineering Packages to EPCC bids covering Topsides, Jackets. Living Quarters, Transportation and Installation, Submarine Cable Installation, etc of 4 Wellhead Platforms and 1 Cental Processing Platform & Associated Facilities.

Job Description

- Preparation of :-
 - 1) Instrument cable block diagram
 - 2) Fire & Gas installation Details
 - 3) Telecom Device Installation Details

Aug 2002 – Feb 2003

Instrument Drafter

Technip GeoProduction (M) Sdn Bhd | Kuala Lumpur, Malaysia

Industry	Oil / Gas / Petroleum
Client	BASF THF / PolyTHF China
Project Title	Intermediates THF / PolyTHF Project
Project Position	Instrument Draftswoman
Project description	Engineering, procurement services, Construction Supervision & Pre-Commissioning for new 80,000 tons per annum / 60,000 tons per annum THF / PolyTHF plant.

Job Description

- Preparation of :-
 - 1) Standard drawings
 - 2) Wiring diagram
 - 3) Ground principle
 - 4) Hook ups
 - 5) Logic diagram

Feb 2002 – July 2002

Instrument Drafter

Technip GeoProduction (M) Sdn Bhd | Kuala Lumpur, Malaysia

Industry	Oil / Gas / Petroleum
Client	INCO GORO
Project Title	GORO Nickle Project
Project Position	Instrument Draftswoman
Project description	

Job Description

- Preparation of Process and Instrument Diagram (P&ID)

July 2001 – Sept 2001

Instrument Drafter

Technip GeoProduction (M) Sdn Bhd | Kuala Lumpur, Malaysia

Industry	Oil / Gas / Petroleum
Client	Carigali Triton Operating Company Sdn Bhd
Project Title	Cakerawala Gas Field Development
Project Position	Instrument Draftswoman
Project description	

Job Description

- Preparation of :-
 - 1) Process Control System
 - 2) Fusible Plug Loop Diagram
 - 3) Hook-up
 - 4) Instrument Drawing List
 - 5) Specification for ESD Valve
 - 6) Location plan
 - 7) Junction box schedule
 - 8) Level sketches

Apr 2001 – July 2001

Instrument Drafter

Technip GeoProduction (M) Sdn Bhd | Kuala Lumpur, Malaysia

Industry	Oil / Gas / Petroleum
Client	Sarawak Shell Berhad
Project Title	M1 Expansion and JNDR-A to M1DR-A Pipeline
Project Position	Instrument Draftswoman
Project description	Conceptual and Detailed Design of expansion of facilities from 720 to 1000mmscfd to associated pipeline.

Job Description

- Preparation of :-
 - 1) Fire & Gas layout
 - 2) Layout drawing

Mar 2001 – April 2001

Instrument Drafter

Technip GeoProduction (M) Sdn Bhd | Kuala Lumpur, Malaysia

Industry	Oil / Gas / Petroleum
Client	Amoco Chemical (Malaysia) Sdn Bhd
Project Title	Kuantan WWT & Debottleneck
Project Position	Instrument Draftswoman
Project description	

Job Description

- Preparation of :-
 - 1) Fire & Gas layout
 - 2) Layout drawing

Feb 2001 – Mar 2001

Instrument Drafter

Technip GeoProduction (M) Sdn Bhd | Kuala Lumpur, Malaysia

Industry	Oil / Gas / Petroleum
Client	Sarawak Shell Berhad
Project Title	Jintan Drilling / Riser Platform (JNDR-A)
Project Position	Instrument Draftswoman
Project description	Project Management, Basic Design, Engineering and Procurement Services of the JNDR-A Platform.

Job Description

- Preparation of :-
 - 1) IER Layout
 - 2) Layout Drawing
 - 3) Fire & Gas layout
 - 4) Wiring Diagram

Jan 2001 – Feb 2001

Instrument Drafter

Technip GeoProduction (M) Sdn Bhd | Kuala Lumpur, Malaysia

Industry	Oil / Gas / Petroleum
Client	Petropars / Samsung / Sandra
Project Title	South Pars Gas Field Development
Project Position	Instrument Draftswoman

Project description Endorsement of the Basic Design Package and detailed design of the topsides of the 5 platforms and bridges. This includes preparation of requisition packages, technical bid evaluation & incorporation, preparation of approved for construction drawings, vendor data review and incorporation and installation engineering.

Job Description

- Preparation of :-
 - 1) Telecommunication system layout.

Oct 1999 – Jan 2000

Instrument Drafter

Technip GeoProduction (M) Sdn Bhd | Kuala Lumpur, Malaysia

Industry Oil / Gas / Petroleum
Client The Optimal Group Of Companies (Petronas / UCC)
Project Title OSBL Facilities and Infrastructures Project
Project Position Instrument Draftswoman
Project description

Job Description

- Preparation of :-
 - 1) Junction Box and cable routing
 - 2) Instrument Location Layout
 - 3) Instrument Cross Section Schedule / Cable Ladder Arrangement
 - 4) Central Laboratory Control System Equipment layout
 - 5) Conceptual Architecture Diagram of PA System
 - 6) Junction Box Wiring

Nov 1998 – Sep 1999

Instrument Drafter

Technip GeoProduction (M) Sdn Bhd | Kuala Lumpur, Malaysia

Industry Oil / Gas / Petroleum
Client Vinyl Chloride (Malaysia) Sdn Bhd
Project Title Kerteh Polyvinyl Chloride Project
Project Position Instrument Draftswoman
Project description

Job Description

- Preparation of :-
 - 1) Instrument Architecture drawing
 - 2) Hook-up drawing
 - 3) Power distribution
 - 4) Control room layout
 - 5) Process connection
 - 6) Main cable routing layout
 - 7) Junction box wiring diagram
 - 8) Level sketch
 - 9) Earthing principle
 - 10) MCT arrangement

Sep 1997 – Mar 1998

Instrument Drafter

Technip GeoProduction (M) Sdn Bhd | Kuala Lumpur, Malaysia

Industry	Oil / Gas / Petroleum
Client	Detailed Designed of DAS Replacement Project
Project Title	Kerteh Polyvinyl Chloride Project
Project Position	Instrument Draftswoman
Project description	Detailed design for the realization of several separate control systems upgrade objectives for the Champion-7 (CP-7) complex.

Job Description

- Preparation of :-
 - 1) Block diagram
 - 2) Marshalling Cabinet
 - 3) Cable schedule
 - 4) Generator Room
 - 5) Engineering data sheet
 - 6) P & G Loop diagram
 - 7) Instrument location layout
 - 8) Instrument loop diagram
 - 9) Junction Box Connection Diagram

Jun 1997 – Aug 1997

Drafter

TELEVENTURE SDN BHD

Client	Celcom Maxis
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Job Description

- Preparation of :-
 - 1) FIBRE Optic Network
 - 2) As built drawing
 - 3) Single line diagram
 - 4) Detail Drawing

COURSE ATTENDED

02/2012	LCI TRAINING
10/2010	SPI Overview Training
03/2008	Marian Training
07/2007	In-Tools Application in Design Training
11/2006	Excel Training
03/2005	Micro Station Training
03/2005	PDS Training
10/2001	PDMS Training

Skills

Intermediate	AutoCAD (release 13, 14, 2000, 2008, 2011), Intergraph Smart Plant P&ID, Micro Station V8, Microsoft Excel, In-Tools and PDMS Design
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Languages

Proficiency level: 0 - Poor, 10 - Excellent

Language	Spoken	Written
Bahasa Malaysia (Primary)	10	9
English	8	8

About Me

Name	Ana Malini Morshidi
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Age	40
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