

Surrinter Kasinathan

Commissioning Engineer (Mechanical/Piping)

Malaysia, MY
+60109690326
surrinter13@gmail.com
12/10/1992

Summary

Over four (4) years of working experience in Malaysia Oil & Gas Industry onshore & offshore based mainly in commissioning of piping & mechanical discipline.

Engineer in charge of work pack preparation, manpower planning, field execution up until system completion, and briefing, reviewing, and understanding the work scope as shown in the drawing compared to the documented Scope of Work.

Work experience

Commissioning Engineer (Mechanical/Piping)

April 2019 - Current

Sapura Pinewell Sdn Bhd



Project's Involved:

Provision of Engineering, Procurement, Construction, Installation & Commissioning (EPCIC) for PEGAGA ICPP

September 2021 – Present (Offshore)

Client: Mubadala Petroleum Sdn Bhd



- Execution of pre-commissioning and commissioning of mechanical equipment's at offshore prior to platform start-up as per procedure and with vendor package
- Assisted Operation team during platform start-up
- Provide initiation and management of the pre-commissioning and commissioning of the punchlist.
- Preparation of commissioning Jobcard, Worklist, Consumable list for Piping Testing and Mechanical Testing Packages for execution.
- Preparation of Mechanical and Piping System demarcation and System definition for project execution.
- Liase with Completion Engineer to create check sheet overview for Mechanical and Piping scope.
- Prepared Isolation & Spading, Hydrotest and Leak Test packages.
- Develop a strategy with Completion Engineer in order to maximize pre-commissioning / commissioning at onshore and minimize lost time due to interfaces.
- Monitor Permit to Work (PTW) application for offshore commissioning activities.

Jun 2021 – August 2021 (Onshore Support)

Client: Mubadala Petroleum Sdn Bhd



- Preparation of Mechanical commissioning spare unit that will be required for offshore campaign.
- Follow up closely with onshore team for piping and mechanical carry over work.
- Finalized with onshore commissioning engineer with the job scope for offshore campaign.

Project's Involved:

Provision of Minor Engineering, Procurement, Construction & Commissioning (ePCC) for BOKOR BETTY REDEVELOPMENT & REJUVENATION

Dec 2020 – May 2021 (ICSU and Phase 3)

Client: Petronas Carigali Sdn Bhd



- Liase with MMHE for Bokor CPP integrated start up as the brownfield scope previously handled by offshore Sapura HUC team.
- Assisted PSCB operation for ICSU start up at Betty platform for gaslift supply to Bokor.
- Managed team to complete the remaining punchlist at offshore prior to ICSU

Nov 2019 – Nov 2020 (Phase 2)

Client: Petronas Carigali Sdn Bhd



- Preparation of commissioning Jobcard, Worklist, Consumable list for Mechanical Testing Packages for execution.
- Preparation of Mechanical and Piping System demarcation and System definition for project execution.
- Liase with Completion Engineer to create check sheet overview for Mechanical and Piping scope.
- Prepared Isolation & Spading, Hydrotest and Leak Test packages.

April 2019 – Oct 2019 (Phase 1)

Client: Petronas Carigali Sdn Bhd



- Prepared Isolation & Spading, Hydrotest and Leak Test packages
- Assist in preparation for Pre-Commissioning and Commissioning Procedures for Mechanical Rotating and Static Equipment's.
- Assist in the execution of pre-commissioning and commissioning activities related to piping and mechanical disciplines for Betty Redevelopment and Rejuvenation Phase.
- Lead the execution of Leak Test and Hydrotest related to piping involved for Phase 1 Scope of work at Betty Platform.
- Liase with Completion Engineer to close piping and mechanical check sheets (ITRs).

Production Engineer (Refractory)

March 2016 – March 2019

Southern Steel Berhad, Prai, Pulau Pinang

Responsible for management and maintenance by ensuring lower downtime at Refractory section in Steel Making Plant (SMP) and maintaining a reasonable cost for maintenance.

- Planning and executing various methods for refractory maintenance to ensure optimum reliability by taking account production capacity and furnace constraints.
- Performed monthly stock closing using SAP system to keep track on plant consumption pattern and develop strategies to ensure consumption pattern within requirement.
- Performed detail analysis regarding Ladle Refractory to increase the number of lifes and minimize the ladle refractory cost from RM14/mt to RM13/mt (Operational Excellence Project).
- Supporting production manager in every feature of work assign especially overseeing the maintenance of the process machineries and conducting troubleshooting with Mechanical and Electrical department.

Portfolio

Provision of Engineering, Procurement, Construction, Installation & Commissioning (EPCIC) For The Pegaga ICPP Development Project (Current)

Provision of Minor Engineering, Procurement, Construction & Commissioning (ePCC) For Bokor Betty Brownfield & Rejuvenation (2019-2021)

Education

-Bachelor of Engineering

2011 to 2015

(Chemical Engineering)
Curtin University Sarawak
(First Class Honors)



Skills

Computing Programs

Microsoft Office, Microsoft Visio, Microsoft Project, SAP, Pdf-Xhange Editor, Aspen HYSYS 7.3, Aspen Plus, AutoCAD

Transferable Skills

Works well in team, Good at data gathering and analysis, Meet deadlines, Flexible and versatile, Delegates effectively and Implements decisions

Language

Good communication skills in English and Malay language/writing

Referee

Nanthakumar Mahendran
Commissioning Lead
Sapura Pinewell
+60164933902

Tengku Mohammed Hanafi
PMT, Mechanical Commissioning Engineer
Mubadala Petroleum
+60163319559

Hj.M.Shair.B.Ahmad Shatiry
Senior Hook-up and Commissioning Engineer
Petronas Carigali Sdn Bhd
+0178988907

