



PTTEP

PTT Exploration and Production Public Company Limited



PTTEP Muster and Evacuation Actions

13231-PDR-SSHE-501/06-R03

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Muster and Evacuation Actions

Document Code: 13231-PDR-SSHE-501/06-R03

May 2022



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PTT Exploration and Production Public Company Limited

Tropical Cyclone Plan for Gulf of Thailand

Document Code: 10015-PDR-SSHE-501/07-R17

August 2021

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2023 GBS DRILL & EXERCISE TENTATIVE PLAN

Revision 00, updated 1st January 2023

■ Drill and Exercise plan ■ Shutdown Period ▲ Annual Fire Evacuation & Chemical Spill (required by Thai's Law) ■ Plan ■ Completed



CP	Month Week No.	Frequency	Plan Actual	January 1 2 3 4 5 6 7 8 9 10 11 12	February 1 2 3 4 5 6 7 8 9 10 11 12	March 1 2 3 4 5 6 7 8 9 10 11 12	April 1 2 3 4 5 6 7 8 9 10 11 12	May 1 2 3 4 5 6 7 8 9 10 11 12	June 1 2 3 4 5 6 7 8 9 10 11 12	July 1 2 3 4 5 6 7 8 9 10 11 12	August 1 2 3 4 5 6 7 8 9 10 11 12	September 1 2 3 4 5 6 7 8 9 10 11 12	October 1 2 3 4 5 6 7 8 9 10 11 12	November 1 2 3 4 5 6 7 8 9 10 11 12	December 1 2 3 4 5 6 7 8 9 10 11 12	Remark
-	Shutdown Period	-	-													
01	Production Platform Hydrocarbon Release	Yearly	Plan Actual													
02	WFS1 Platform Hydrocarbon Release	Yearly	Plan Actual													
03	Potential / Actual Vessel Collision	Yearly	Plan Actual													
04	Helicopter Emergency Landing	Yearly	Plan Actual													
05	Helicopter Crash on Platform	Yearly	Plan Actual													
06	Helicopter Ditching / Crash in the Sea	Yearly	Plan Actual													
07	Accommodation Fire	Yearly	Plan Actual													
08	Internal Fire-Stores, Workshops, Emergency Generator, Etc	Yearly	Plan Actual													
09	Switch room and Battery Room Emergency	Yearly	Plan Actual													
10	Main Power Generator Emergency	Yearly	Plan Actual													
11	Bomb Threat	Yearly	Plan Actual													
12	Chemical & Oil Spillage	Yearly	Plan Actual													
13	Remote Wellhead Platform Emergency (Manned)	Yearly	Plan Actual													
14	Man Overboard (*)	Yearly	Plan Actual													
15	H2S Emergency	Yearly	Plan Actual													
16	Subsea Pipeline Leak / Damage	Yearly	Plan Actual													
A	Intervention Team Internal Exercise	Weekly	-													
B	Lifeboat Sea Trail Launching (*)	Yearly	Plan Actual													
C	Fast Rescue Craft for FRC Team Refresher (*)	Yearly	Plan Actual													
D	QPS Helideck Deluge Foam System Testing	Yearly	Plan Actual													
E	Annual Major Emergency Exercise	Yearly	-													
F	Typhoon Exercise	Yearly	-													

Remark : (*) Man Overboard and FRC Sea Trail Launching to be performed if weather is permitted.

 PTTEP GBS	DRILL REPORT No. 01/2023	Section: PFO2/S-S Drill Date: 21/01/2023 Prepared By: 
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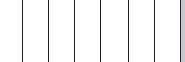
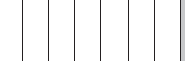







18:26 hr.	<ul style="list-style-type: none">3 intervention team members arrived at CCR.
18:28 hr.	<ul style="list-style-type: none">5 intervention team members arrived at CCR.Deployed intervention team to search for bombs and clear the area at the backup muster points and WPS-1 boat landing.
18:33 hr.	<ul style="list-style-type: none">Intervention team reported that PPS lower deck, WPS-1 lower deck and boat landing areas were clear.
18:35 hr.	<ul style="list-style-type: none">CRO activated the mustering alarm and made PA announcement to all personnel to muster at backup muster points.
18:43 hr.	<ul style="list-style-type: none">MP#4 completed.MP#6 completed.
18:44 hr.	<ul style="list-style-type: none">MP#5 completed.MP#1 completed.MP#3 completed.
18:45 hr.	<ul style="list-style-type: none">MP#2 completed.
18:50 hr.	<ul style="list-style-type: none">CCR activated ESD1 and evacuated by TMS-14.
18:50 hr.	<ul style="list-style-type: none">Exercise over
MUSTERING	
Time Start: 18:35	Time Completed: 18:45 Mustering Time: 10 Mins.

COMMENTS:		
DESCRIPTION	CORRECTIVE ACTION	ACTION BY: STATUS
There is no telephone number of backup MP#4 at telephone boxes. (In case backup MP#4 is utilized and require to communicate via telephone.)	Add telephone number of backup MP#4 at all telephone boxes.	GBS Production Team Leader Open
There is no emergency phone (Tel. 33) at backup MP#4.	Check if emergency phone (Tel. 33) can be installed at backup MP#4.	GBS ICT Engineer Open
Inadequate life jackets for all POB in worst case that jumping over-board is required.	Consider to provide life jackets at backup muster points.	GBS SSHE Supervisor Open

 PTTEP GBS	DRILL REPORT No. 01/2023	Section: PFO2/S-S Drill Date: 21/01/2023 Prepared By: 
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Contingency Plan No.11 Bomb Threat

Key Participants

No.	Emergency Roles	Name
1	On Scene Commander	
2	Assistant on Scene Commander	
3	Deputy on Scene Commander	
4	Intervention Team Leader	
5	Doctor	
6	Marine & Logistic Coordinator	
7	Event Logger	
Special Participants		
-		
Observer		
1.		
2.		




Objective:

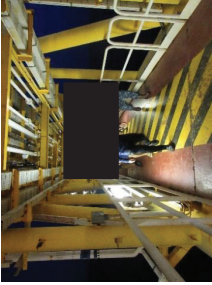

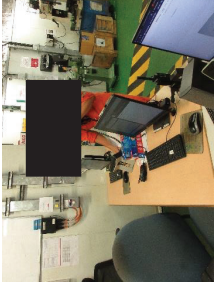

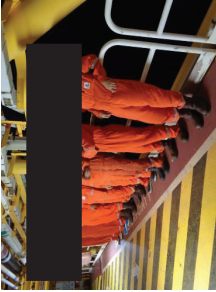
- To familiarize with CP No.11 Bomb Threat.
- To familiarize with mustering at back-up muster point.
- To check the effectiveness of the mustering and communication system between CCR, Muster Logger, Muster Checker, and Intervention Team.
- To check the effectiveness of ERT member action.


Scenario:
On QPS 1st deck lay down area, during offloading cargo from a food container that had just been lifted from a boat from PSB, a catering crew member found that there is a suspicious package that looks like an improvised explosive device in the container. The catering crew stops transferring material, left the area, and immediately informed a camp boss.
Camp boss then informs CRO by telephone. CRO calls ERT to CCR for action and consider for mustering.



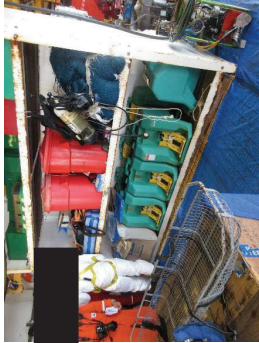


Chronological Event Log:

Time	Event
18:15 hr.	<ul style="list-style-type: none">Camp boss informed CRO that catering crew found a suspicious bomb inside a food container behind the kitchen at QPS 1st deck.CRO made PA announcement to call ERT and intervention team to CCR.
18:23 hr.	<ul style="list-style-type: none">OSC informed asset duty via telephone.Logistic coordinator informed TMS-14 to standby for evacuation at complex, ETA 18:50 hrs.


 PTTEP GBS	DRILL REPORT No. 01/2023		Section: PFO2/S-S Drill Date: 21/01/2023 Prepared By: [REDACTED]
	Suggest to provide POB lists at primary muster point same as backup muster point for cross check if there is any missing person.	Provide POB lists at primary muster points (at muster checker radio station)	GBS Logistics Supervisor
Catering team went to primary muster point, not backup muster point as announced by OSC.	Communicate emergency drill results to all personnel in Tri-weekly SSHE talk to emphasize important information or correct practice e.g. all personnel shall follow PA announcement.	GBS SSHE Supervisor	Open
CC: ALL SECTION HEAD		PREPARED BY: PFO2/S-S [REDACTED]	APPROVED BY: PFO2/S [REDACTED]
Exercise Pictorial			
 Activated ERT and assessed the situation at CCR.	 ERT reported Asset Duty and requested support from Security Advisor.		
 Intervention Team searched escape way and WPS-1 boat landing.	 Intervention Team reported that the escape way at lower deck and WPS-1 boat landing were clear		


 PTTEP GBS	DRILL REPORT No. 01/2023		Section: PFO2/S-S Drill Date: 21/01/2023 Prepared By: [REDACTED]
	 POB went to back up muster point.	 Headcount at backup MP#6	
 Muster Checker reported Muster Logger	 POB at backup MP#3		
 POB at backup MP#1	 POB at backup MP#2		


	DRILL REPORT No. 02/2023	Section: PFO2/S Drill Date: 03/02/2023 Prepared By: [Redacted]
Confined space rescue at 2T-6120B (QPS Fresh water tank)		
Key Participants		
No.	Emergency Roles	Name
1.	CR Asia Team (Vessel team)	[Redacted]
2.	Area Controller	[Redacted]
Special Participants		
[Redacted]		
Observer		
1.	SSHE Technician	[Redacted]
2.	Supervisor, Inspection	[Redacted]
[Redacted]		
Objective:		
<ul style="list-style-type: none">To familiarize workers with the rescue of IP from a confined space to a safe area.		
Scenario:		
<ul style="list-style-type: none">One of the confined space entrants gets fainting during work inside 2T-6120B		
Chronological Event Log:		
Time	Event	
14:05 hrs.	A worker inside the vessel got fainting	
14:07 hrs.	Recovered IP from the vessel and prepared for mobilization	
14:08 hrs.	Mobilized IP to the safe zone	
14:10 hrs.	Provided First Aid to IP while waiting for GBS medical team	
14:15 hrs.	Exercise over	
MUSTERING		
Time Start: -	Time Completed: -	Mustering Time: -



	DRILL REPORT No. 02/2023	Section: PFO2/S Drill Date: 03/02/2023 Prepared By: [Redacted]
COMMENTS:		
DESCRIPTION	CORRECTIVE ACTION	ACTION BY: STATUS
Nil	N/A	N/A
CC: ALL SECTION HEAD		
REVIEWED BY: SSHE Supv.		APPROVED BY: PFO2/S
[Redacted]		[Redacted]
EXERCISE PICTORIAL:		
		
Conducted toolbox talk	Watcher reported his line supervisor for the event	
		
The rescue team prepared for mobilized IP to the Safe Location	The rescue team set up a stretcher for mobilizing the IP	

	<div>Section: PFO2/S Drill Date: 03/02/2023 Prepared By: [Redacted]</div> <div>DRILL REPORT No. 02/2023</div>	<div>Section: PFO2/S Drill Date: 03/02/2023 Prepared By: [Redacted]</div>
 <div>The rescue team informed the area controller</div>	 <div>The area controller reported to CCR</div>	
 <div>Setting up stretcher</div>	 <div>Provided First Aid</div>	
 <div>Provided First Aid</div>	 <div>Provided First Aid</div>	

	<div>Section: PFO2/S-S Drill Date: 18/02/2023 Prepared By: [Redacted]</div> <div>DRILL REPORT No. 03/2023</div>	<div>Section: PFO2/S-S Drill Date: 18/02/2023 Prepared By: [Redacted]</div>																																							
<div>Contingency Plan No.3 Potential - Actual Vessel Collision</div>																																									
<div>Key Participants</div> <table><tr><th>No.</th><th>Emergency Roles</th><th>Name</th></tr><tr><td>1</td><td>On Scene Commander</td><td>[Redacted]</td></tr><tr><td>2</td><td>Assistant on Scene Commander</td><td>[Redacted]</td></tr><tr><td>3</td><td>Deputy on Scene Commander</td><td>[Redacted]</td></tr><tr><td>4</td><td>Intervention Team Leader</td><td>[Redacted]</td></tr><tr><td>5</td><td>Doctor</td><td>[Redacted]</td></tr><tr><td>6</td><td>Marine & Logistic Coordinator</td><td>[Redacted]</td></tr><tr><td>7</td><td>Radio</td><td>[Redacted]</td></tr><tr><td>8</td><td>Event Logger</td><td>[Redacted]</td></tr><tr><td colspan="3">Special Participants</td></tr><tr><td colspan="3">-</td></tr><tr><td colspan="3">Observer</td></tr><tr><td>1.</td><td>[Redacted]</td><td>[Redacted]</td></tr></table>			No.	Emergency Roles	Name	1	On Scene Commander	[Redacted]	2	Assistant on Scene Commander	[Redacted]	3	Deputy on Scene Commander	[Redacted]	4	Intervention Team Leader	[Redacted]	5	Doctor	[Redacted]	6	Marine & Logistic Coordinator	[Redacted]	7	Radio	[Redacted]	8	Event Logger	[Redacted]	Special Participants			-			Observer			1.	[Redacted]	[Redacted]
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5	Doctor	[Redacted]																																							
6	Marine & Logistic Coordinator	[Redacted]																																							
7	Radio	[Redacted]																																							
8	Event Logger	[Redacted]																																							
Special Participants																																									
-																																									
Observer																																									
1.	[Redacted]	[Redacted]																																							
<div>Objective:</div> <ul style="list-style-type: none">To comprehend the ERT member of "Potential / actual vessel collision procedure"To evaluate emergency team members.																																									
<div>Scenario:</div> <p>The radio operator notices that there is an intrusion vessel name ATI BHUM appearing on the Early Warning Radar System (EWRs), heading 045° direct to the main complex, a distance of 21 nautical miles (38 Km.) with a speed of 10 knots. The radio operator tries to contact the vessel via VHF Radio Channel 16 but no response from the intrusion vessel.</p> <p>Crew boat is assigned to investigate the intrusion vessel at maximum speed. (Speed 16 Knots) 45 minutes later, crew boat reports that there is no response from cargo ship name ATI BHUM, direction and speed were still the same. (Distance 12 nautical miles (21 Km.), Speed 10 Knots)</p>																																									
<div>Chronological Event Log:</div> <table><tr><th>Time</th><th>Event</th></tr><tr><td>16:05 hr.</td><td><ul style="list-style-type: none">Radio operator notices that there is an intrusion vessel name ATI BHUM appearing on the Early Warning Radar System (EWRs), heading 045° direct to the main complex, current location is 21 nautical miles (38 Km.) with a speed of 10 knots. He tries to contact the vessel via VHF Radio Channel 16 but no response from the intrusion vessel.</td></tr></table>			Time	Event	16:05 hr.	<ul style="list-style-type: none">Radio operator notices that there is an intrusion vessel name ATI BHUM appearing on the Early Warning Radar System (EWRs), heading 045° direct to the main complex, current location is 21 nautical miles (38 Km.) with a speed of 10 knots. He tries to contact the vessel via VHF Radio Channel 16 but no response from the intrusion vessel.																																			
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 PTTEP GBS	DRILL REPORT No. 03/2023		Section: PFO2/S-S Drill Date: 18/02/2023 Prepared By: XXXXXXXXXX
16:06 hr.	<ul style="list-style-type: none"> Radio operator informed logistic supervisor. 		
16:07 hr.	<ul style="list-style-type: none"> Logistic supervisor informed Field Manager. 		
16:09 hr.	<ul style="list-style-type: none"> Field Manager (OSC) instructed CRO calls to all ERT report to CCR room. Searched data of ATI BHUM from internet (Thai flag Deck Cargo Ship displacement 2,700 Tones) 		
16:14 hr.	<ul style="list-style-type: none"> 1st Time out. ATI BHUM still heading direct to the main complex, from NE to SW at 20 nautical miles (36 Km.) with a speed of 10 knots. Time to impact 120 minutes. Radio operator keep trying to contact the vessel via VHF Radio Chanel 16 but no response from the intrusion vessel. 		
16:20 hr.	<ul style="list-style-type: none"> Assigned TMS-12 heading to ATI BHUM. Radio operator informed SKL traffic to prepare 2 helicopters. Callback TMS-14 to QPS for standby in case evacuation, ETA 30 min arrived QPS. 		
16:23 hr.	<ul style="list-style-type: none"> Informed Bongkot Marine Control and asked for support vessel in case of evacuation. Updated situation to K1. 		
16:26 hr.	<ul style="list-style-type: none"> 2nd Time out. Estimated time ATI BHUM to impact PPS about 1.30 hrs. (90 min) 		
16:28 hr.	<ul style="list-style-type: none"> Radio room informed K1 request one supply boat ENA Griffin for support GBS evacuation. 		
16:30 hr.	<ul style="list-style-type: none"> CRO activated the mustering alarm and made PA announcement to all personnel to report to muster points. Informed asset duty (K. Tanyarat). Informed PTT representative and FS02. 		
16:37 hr.	<ul style="list-style-type: none"> Mustering completed. 		
17:00 hr.	<ul style="list-style-type: none"> Updated ATI BHUM status. (Speed 10 Knots, same direction, and distance 12 nautical miles). Estimate impact time next 72 min. 		
17:05 hr.	<ul style="list-style-type: none"> Start evacuation 90 Pax by TMS-14 at PPS boat landing. 		
17:08 hr.	<ul style="list-style-type: none"> Start evacuation 11 Pax by personnel basket to ENA Griffin at QPS. 		
17:10 hr.	<ul style="list-style-type: none"> Released 1 lifeboat coxswain and 1 assistant to standby at CCR. Activated shut down sequence ESD 2.1 follow by ESD 1. 		

<div><div>PTTEP GBS</div></div>	<div>DRILL REPORT No. 03/2023</div>		<div>Section: PFO2/S-S</div> <div>Drill Date: 18/02/2023</div> <div>Prepared By: <div></div></div>
17:15 hr.	<div><div><div><div></div></div><div>Head count and confirm at TMS-14 got 90 Pax, completed heading to assigned assembly point at WPS13 area.</div></div><div><div><div></div></div><div>Head count and confirm at ENA Griffin got 11 Pax, completed, standby at QPS</div></div></div>		
17:30 hr.	<div><div><div><div></div></div><div>Prepared for full evacuation.</div></div><div><div><div></div></div><div>Informed PTT, Asset duty and FSO2.</div></div><div><div><div></div></div><div>Activated ESD 0. (Estimate impact time next 40 min.)</div></div></div>		
17:35 hr.	<div><div><div><div></div></div><div>All ERT members evacuated by lifeboat no.1</div></div><div><div><div></div></div><div>Handover OSC duty to Captain of ENA Griffin.</div></div><div><div><div></div></div><div>Lifeboat no.1 and ENA Griffin heading to assigned assembly point at WPS13 area.</div></div><div><div><div></div></div><div>Exercise over.</div></div></div>		
MUSTERING			
Time Start: 16:30		Time Completed: 16:37	Mustering Time: 7 Mins.
COMMENTS:			
Nil	DESCRIPTION	CORRECTIVE ACTION	ACTION BY: STATUS
		Nil	N/A N/A
CC: ALL SECTION HEAD		PREPARED BY: PFO2/S-S	APPROVED BY: PFO2/S
			<div></div>

<div> PTTEP GBS</div> <div>DRILL REPORT No. 03/2023</div> <div><div>Section: PFO2/S-S</div><div>Drill Date: 18/02/2023</div><div>Prepared By: [REDACTED]</div></div>	<div>Exercise Pictorial</div>
<div><p>The radio operator informed Log supv. there is an intrusion vessel name ATI BHUM appearing on the EWRS, heading 045° direct to the main complex.</p></div>	<div><p>Logistic Supv. informed Field Manager.</p></div>
<div><p>CRO calls to all ERT member report to CCR</p></div>	<div><p>ERT reported Asset Duty.</p></div>
<div><p>Log supv. informed Bongkot Marine Control asked for support vessel in case of evacuation.</p></div>	<div><p>CRO activated the F&G alarm and made PA to all personnel to report to muster points.</p></div>
<div><p>Time out, updating status and give instruction for next actions.</p></div>	<div><p>OSC - prepared for full evacuation & activated ESD 0.</p></div>

ภาคผนวก PTTEP-14

การจัดการด้านความปลอดภัย ความมั่นคง
อาชีวอนามัย และสิ่งแวดล้อม



PTTEP

PTT Exploration and Production Public Company Limited



PTTEP SSHE Contractor Management Procedure

12148-PDR-SSHE-302/01-R03

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SSHE Contractor Management Procedure

Document Code: 12148-PDR-SSHE-302/01-R03

February 2021

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CERTIFICATE

No. SCU002387E

SOCOTEC

certifies that :

PTT EXPLORATION AND PRODUCTION PUBLIC COMPANY LIMITED

Head Office Energy Complex Building A, 6th Floor & 19th – 36th Floor 555/1 Vibhavadi Rangsit Road,
Chatuchak Chatuchak, Bangkok 10900 Thailand

operates a **management system** that **has been assessed as conforming to :**

ISO 14001:2015

for the scope of activities :

Production of Petroleum, Natural Gas and Condensate

Issue date : 10 November 2020

Valid until : 14 August 2023 (Subject to the agreed ongoing
programme, successful endorsement of certification following each audit and
compliance with the terms and conditions of certification.)

Original date of certification : 25 April 1997

Operations Director, SOCOTEC Certification UK



SOCOTEC Certification UK Ltd, 6 Gordano Court
Serbert Close, Portishead, Bristol BS20 7FS
UNITED KINGDOM

<http://socotec-certification-international.co.uk>



APPENDICE AL CERTIFICATO

No. SCU002387E

SOCOTEC

PTT EXPLORATION AND PRODUCTION PUBLIC COMPANY LIMITED

PTTEP SIAM LIMITED S1, S1 Concession Area, Bung Phra Depot CNS
Maintenance Workshop and L22/43 Concession Area, Thailand

PTTE INTERNATIONAL LIMITED Suphanburi PTTEP1 L53/43 and
L54/43 Concession area, Thailand

PTT EXPLORATION AND PRODUCTION PUBLIC COMPANY LIMITED
Greater Bangkok North concession Area, Gulf of Thailand, Thailand

PTT EXPLORATION AND PRODUCTION PUBLIC COMPANY LIMITED Arthit
Arthit Concession Area, Gulf of Thailand, Thailand

PTT EXPLOARATION AND PRODUCTION PUBLIC COMPANY LIMITED
Greater Bangkok South Bangkok concession
Area Gulf of Thailand, Thailand

PTTEP SP LIMITED 323 Moo 1, Kudnamsai, Namphong,
Khon Kaen 40310 Thailand

Operations Director, SOCOTEC Certification UK



SOCOTEC Certification UK Ltd, 6 Gordano Court
Serbert Close, Portishead, Bristol BS20 7FS
UNITED KINGDOM
<http://socotec-certification-international.co.uk>



CERTIFICATE

No. SCU0046640H

SOCOTEC

certifies that :

PTT EXPLORATION AND PRODUCTION PUBLIC COMPANY LIMITED

Head Office Energy Complex Building A, 6th Floor & 19th -36th Floor 555-1 Vibhavadi Rangsit Road,
Chatuchak, Chatuchak, Bangkok 10900 Thailand

operates a management system that has been assessed as conforming to :

ISO 45001:2018

for the scope of activities :

Production of Petroleum, Natural Gas and Condensate

Issue date : **10 November 2020**

Valid until : **16 August 2023** (Subject to adherence to the agreed ongoing programme, successful endorsement of certification following each audit and compliance with the terms and conditions of certification.)

Original date of certification : **26 June 2013**

Operations Director SOCOTEC Certification UK



SOCOTEC Certification UK Ltd, 6 Gordano Court
Serbert Close, Portishead, Bristol BS20 7FS
UNITED KINGDOM
<http://socotec-certification-international.co.uk>



APPENDICE AL CERTIFICATO

No. SCU0046640H

SOCOTEC

PTT EXPLORATION AND PRODUCTION PUBLIC COMPANY LIMITED

PTTEP SIAM LIMITED S1, S1 Concession Area, Bung Phra Depot CNS
Maintenance Workshop and L22/43 Concession Area, Thailand

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Serbert Close, Portishead, Bristol BS20 7FS
UNITED KINGDOM
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2023 Management Site Visit Plan

Frequency : Monthly

Date	Audit Type	Location Plan	Actual
8-Jan-23	Manage. Walk Through	QPS Helideck & Laydown Area	
22-Jan-23	Remote Platform Site Visit	WPS-XX	
5-Feb-23	Manage. Walk Through	PPS CD & UD	
19-Feb-23	Remote Platform Site Visit	WPS-XX	
5-Mar-23	Manage. Walk Through	PPS MD & WPS1	
19-Mar-23	Remote Platform Site Visit	WPS-XX	
2-Apr-23	Manage. Walk Through	PPS LD, ESDV & FPS	
16-Apr-23	Remote Platform Site Visit	WPS-XX	
7-May-23	Manage. Walk Through	QPS (All Workshops)	
21-May-23	Remote Platform Site Visit	WPS-XX	
4-Jun-23	Manage. Walk Through	PPS CD & UD	
18-Jun-23	Remote Platform Site Visit	WPS-XX	
2-Jul-23	Manage. Walk Through	PPS MD & WPS1	
16-Jul-23	Remote Platform Site Visit	WPS-XX	
6-Aug-23	Manage. Walk Through	PPS LD, ESDV & FPS	
20-Aug-23	Remote Platform Site Visit	WPS-XX	
3-Sep-23	Manage. Walk Through	QPS Helideck & Laydown Area	
17-Sep-23	Remote Platform Site Visit	WPS-XX	
8-Oct-23	Manage. Walk Through	PPS CD & UD	
22-Oct-23	Remote Platform Site Visit	WPS-XX	
5-Nov-23	Manage. Walk Through	PPS LD & ESDV	
19-Nov-23	Remote Platform Site Visit	WPS-XX	
3-Dec-23	Manage. Walk Through	PPS MD & WPS1	
17-Dec-23	Remote Platform Site Visit	WPS-XX	

Remark: (1) Remote Platform Site Visit will be organized/followed up by production team.
(2) All findings will be followed up via ISSHE

2023 QPS Hygiene Inspection

Frequency : Tri-Weekly

Date	Location Plan	Actual
13-Jan-23		
3-Feb-23		
24-Feb-23		
17-Mar-23		
7-Apr-23		
28-Apr-23		
19-May-23		
9-Jun-23		
30-Jun-23	Gym, Laundry Office, Gally	
21-Jul-23	All Bedroom	
11-Aug-23		
1-Sep-23		
22-Sep-23		
13-Oct-23		
3-Nov-23		
24-Nov-23		
15-Dec-23		



PTTEP

PTT Exploration and Production Public Company Limited



Petroleum Development Support Base (PSB)
SSHE Rules and Regulations Procedure

13279-PDR-SSHE-505/85-R00

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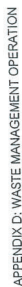
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Petroleum Development Support Base (PSB) SSHE Rules and Regulations Procedure

Document Code: 13279-PDR-SSHE-505/85-R00

September 2021








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PTTIP

Reference D5 - 1 แบบตรวจการขนส่งของเสียอันตราย

[illegible]

	GBS Project - Job Safety Analysis (JSA)		Status: Approved
	Job: General Lifting Operation by Platform Crane	Job Owner: PBS/FL	JSA No.: GBS-JOB-2020-00045
	Work Location: PPS, QPS, WPSx		Last updated: 14/07/2020
General Safety Precaution/Resources required for the job: <ol style="list-style-type: none"> 1. All personnel must wear basic PPE required for the job. 2. Certified lifting equipment and certificate is available for verification. 3. Certified or competent person and certificate is available for verification e.g. confined space, lifting, electrical etc. 4. Conduct and maintain housekeeping and make the area safe to work. 5. Ensure all colleagues are fit to work and not under drug & alcohol influence. 6. Inspect tools and equipment before use. 7. To apply stop-work authority for unsafe act/condition and report to Supervisor. 		JSA team member: <ol style="list-style-type: none"> 1.  2.  3.  4.  5.  6.  	
Related LSR/PSR (Tick those appropriate)			

Work Step	Work Activities	Potential Hazards	Top Event	Initial Risk	Barriers & Mitigation	Residual Risk	Action Party	Verified By
General Activities	General Activities	Physical condition e.g. pinch point, sharp object etc.	Others	High (3E)	- Hazard control measures communication - Proper work instruction/procedure - Provide adequate lighting - Training & communication on work instruction/procedure - Wear proper gloves - Eliminate pinch point / sharp edges	Medium (2D)	PBS/L	
		Adverse weather e.g. wind, temperature extremes, rain, etc.	Exposure to extreme weather	High (3E)	- Hazard control measures communication - Proper work instruction/procedure - Provide proper refreshment drinks e.g. water, ORS (Oral Rehydration Solution) - Supervision by team leader - Weather forecast communication - Workplace preparation e.g. sunlight & raining protection	Medium (2E)	PBS/FL	
		Slip, trip, fall	Others	Medium (2E)	- Hazard control measures communication - Maintain housekeeping, slippery floor must be cleaned.	Low (2B)	PBS/FL	
		Physical ability	Working in awkward position	Medium (2E)	- Promote regular break and exercise - Provide adequate manpower	Low (2B)	PBS/FL	

Work Step	Work Activities	Potential Hazards	Top Event	Initial Risk	Barriers & Mitigation	Residual Risk	Action Party	Verified By
General Activities	General Activities	Loud steady noise > 85 dBA	Others	High (3E)	<ul style="list-style-type: none"> - Hazard control measures communication - Health risk assessment & implementation - Periodically conduct workplace environment inspection i.e. light, noise, heat and chemical - Provide specific training for safe work practice - Wear hearing protection 	Medium (1D)	PBS/FL	
		Fatigue	Prolonged periods of standing	Medium (2E)	<ul style="list-style-type: none"> - Promote regular break and exercise - Provide adequate manpower - Provide job rotation /team work/alteration of workplace - Provide proper refreshment drinks e.g. water, ORS (Oral Rehydration Solution) - Workplace environment monitoring program - Workplace preparation e.g. installing sun shade 	Low (1B)	PBS/FL	
Lifting inspection and work preparation	Lifting inspection and work preparation by rigger	Refer to General Hazards	Refer to General Hazards	High (3E)	<ul style="list-style-type: none"> - Refer to Precautions in General Hazards 	Medium (2E)	PBS/FL	
		Manual materials handling	Incorrect manual handling	High (3E)	<ul style="list-style-type: none"> - define the criteria for worker skills and physical condition - Establish proper work plan - Provide adequate manpower - Provide proper design of workplace/work station 	Medium (2E)	PBS/FL	

Work Step	Work Activities	Potential Hazards	Top Event	Initial Risk	Barriers & Mitigation	Residual Risk	Action Party	Verified By
Lifting inspection and work preparation	Lifting inspection and work preparation by rigger	Person at < 1.8m height (slip, trip, fall)	Falling from height	High (3E)	<ul style="list-style-type: none"> - Do not climb up cargo, to be applied ladder / step platform. 	Medium (1E)	PBS/FL	
		Overhead load, objects or equipment	Dropped object	High (4E)	<ul style="list-style-type: none"> - Certified rigger, signaller, crane operator, etc. signaller - Crane & Lifting equipment PM and inspection - Crane and lifting equipment certification - Dropped object protection - Lifting operations procedure 	Medium (2D)	PBS/FL	
Work execution (transfer Cargo from/to vessel and platform - from/to vessel and platform) - Dynamic lifting	Transfer Cargo from/to vessel and platform - Dynamic lifting	Refer to General Hazards	Refer to General Hazards	High (3E)	<ul style="list-style-type: none"> - Refer to Precautions in General Hazards 	Medium (2E)	PBS/FL	
		Overhead load, objects or equipment	Dropped object	High (4E)	<ul style="list-style-type: none"> - Area barricade - Crane & Lifting equipment PM and inspection - Crane and lifting equipment certification - Crane boom angle and slewing limit switches - Lifting operations procedure - Overload warning system - Conduct Pre / Post Crane Inspection Checklist 	Low (2B)	PBS/FL	

Work Step	Work Activities	Potential Hazards	Top Event	Initial Risk	Barriers & Mitigation	Residual Risk	Action Party	Verified By
Work execution (transfer Cargo from/to vessel and platform) - Dynamic lifting	Transfer Cargo from/to vessel and platform - Dynamic lifting	Overhead load, objects or equipment	Loss of control	High (3E)	- Certified rigger, signaller, crane operator, etc. signaller - Lifting operations procedure - Proper communication between working team i.e. Rigger, Signaler, Crane Operator - Apply tag line to control load being lifted - Limit wind speed for lifting operation <15 knot for crew boat and <25 knot for supply boat - Limit sea swell <1.5 m for crew boat and <2.5 m for supply boat	Medium (1E)	PBS/FL	
		Objects under tension or moving e.g. slings, anchor chains, barge tie-off ropes, etc.	Caught in rotating or moving part	High (3E)	- Competency and certificate of personnel - Defined weather limit for safe work - Proper communication between Crane operator and vessel's crew - No hands on load by using tag line or push/pull stick	Medium (2E)	PBS/FL	
	Transfer Cargo within platform - Static lifting	Refer to General Hazards	Refer to General Hazards	High (3E)	- Refer to Precautions in General Hazards	Medium (2E)	PBS/FL	
		Overhead load, objects or equipment	Dropped object	High (4E)	- Area barricade - Crane & Lifting equipment PM and inspection - Crane and lifting equipment certification - Crane boom angle and slewing limit switches - Lifting operations procedure - Overload warning system - Conduct Pre / Post Crane Inspection Checklist	Low (2B)	PBS/FL	

JSA No. GBS-JOB-2020-00045

Page 5 of 6

Work Step	Work Activities	Potential Hazards	Top Event	Initial Risk	Barriers & Mitigation	Residual Risk	Action Party	Verified By
Work execution (transfer Cargo within platform) - Static lifting	Transfer Cargo within platform - Static lifting	Overhead load, objects or equipment	Loss of control	High (3E)	- Certified rigger, signaller, crane operator, etc. signaller - Lifting operations procedure - Proper communication between working team i.e. Rigger, Signaler, Crane Operator - Apply tag line to control load being lifted - Limit wind speed for lifting operation <25 knot - Require minimum 2 competence riggers for lifting in blind spot	Medium (1E)	PBS/FL	
		Others	Struck by moving object	High (3E)	- Competency and certificate of personnel - Defined weather limit for safe work - Proper communication between rigger and crane operator - Limit cargo sizing must appropriate to loading area - Conduct Pre-Lift Inspection checklist before lifting	Medium (1E)	PBS/FL	
Work completion	Housekeeping and work completion	Refer to General Hazards	Refer to General Hazards	High (3E)	- Refer to Precaution in General Hazards	Medium (2E)	PBS/FL	

Prepared by: Prepared By Name: GBS.SSHE-Supv	Reviewed by: Reviewer 1 (Line Supv.) Name: GBS Production-Superintendent	Reviewed by: Reviewer 2 (Area Owner) Name: GBS SSHE Supervisor	Approved by: Area Authority/Field Manager Name: GBS Field-Manager
Date: 14/07/2020	Date: 14/07/2020	Date: 14/07/2020	Date: 14/07/2020

JSA No. GBS-JOB-2020-00045

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GBS GENERIC LIFT PLAN

Lifting Plan No. : RTN-LTF-PBS-MM-001-R00

Page : 1 of 3

A) LOAD DESCRIPTION

Load Type

Generic Basket Lifting

Max. Gross Weight (T)

2.6 MT

Max. Tare Weight (T)

0.33 MT

Dimension

80 W x 100 L x 111 H cm.

B) DEPARTMENT

☐ PBS/P
☐ PBS/MM
☐ PBS/ME/I
☐ PBS/FL

☐ PBS/FN
☐ PBS/FI
☐ PBS/FS
☐ ETF/W

☐ OTHER

C) LIFT PLAN DETAILS

LIFTING CATEGORIES

☒ Routine Lift
☐ Non Routine - Simple Lift
☐ Non Routine - Critical Lift

LIFT PLAN REQUIREMENT

Control & Measurers	Routine Lift		Non Routine - Simple Lift		Non Routine - Critical Lift	
	Required	Prepared	Required	Prepared	Required	Prepared
1. Lifting Plan Details	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Lifting Gears and Materials List	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Crane Load Chart	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Crane Load Test from	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Inspection Prior to Critical Lift	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. JSA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. PTW	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Lift Plan Safety Check List	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Toolbox Talk	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Lifting Work Pack & Engineering Document	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. HAZID Report (if required by site top authority)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Mock Up Report Required for 1st time & as applicable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ISSUED BY : (SIGNATURE)

NAME :

DATE : 20 OCT. 2019

REVIEWED BY : (SIGNATURE)

NAME :

DATE : 23/10/2019

VERIFIED BY : (SIGNATURE)

NAME :

DATE : 25/10/19

GBS GENERIC LIFT PLAN

Lifting Plan No. : RTN-LTF-PBS-MM-001-R00

Page : 2 of 3

D) LOAD DETAILS

ITEM	WIN	LOAD DETAILS				LIFTING GEAR				OTHER		
		WEIGHT (MT)		DIMENSION (CM)		SLING		SHACKLE				
		TW	MGW	W	L	H	No. (ea)	WLL (MT)	φ (mm)		WLL (MT)	NO (ea)
1	B501579	0.33	2.60	80	100	111	4	8	18	4	4.75	COMPLETED SET WITH MASTER LINK
2	B501573	0.33	2.60	80	100	111	4	8	18	4	4.75	COMPLETED SET WITH MASTER LINK

E) PLATFORM CRANE APPLICABLE

PLATFORM	MAIN HOIST	TW	MGW
QPS	MAIN HOIST 10 MT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	AUX. HOIST 3.0 MT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	MAIN HOIST 30 MT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PPS	AUX. HOIST 15 MT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	MAIN HOIST 15 MT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
WPS1-6	AUX. HOIST 4.0 MT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	MAIN HOIST 15 MT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
WPS7-16	AUX. HOIST 3.5 MT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	MAIN HOIST 15 MT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

F) PRECAUTIONS

- Ensure the basket and equipment are in good condition.
- Remove all obstruction such as handrails.
- Ensure basket door were properly close before lifting operation.

SPECIAL PRECAUTIONS

- Do not remove or change sling set.
- No personnel standing under load any always stay clear line of fire during lifting operation.
- Do not lifting basket if colour code is invalid or found lifting equipment damage.
- No conflicting tasks in the lifting area.

G) RIGGING INSTRUCTION

1. Prepare works


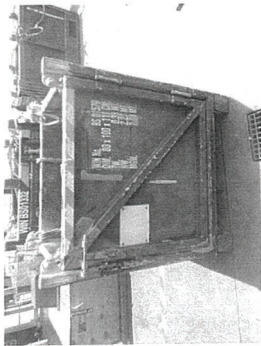
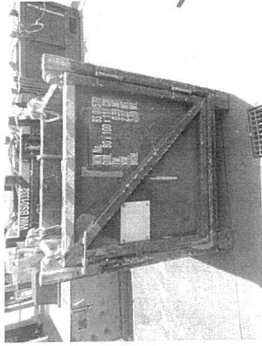
1.1 Prepare and perused inspection lifting equipment.

- Check and ensure that the basket and equipment are in good condition.
- Shackle anchor bolts type should be installed and secured by safety pin.
- Tag line should be installed with the basket.
- Basket and Lifting equipment should be inspected and make colour code validation by inspector.
- Do not lifting basket if colour code is invalid or found lifting equipment damage.

PTTEP-14.7 ตัวอย่างแผนการยก

(Rev 0 - 28/09/19)

(Rev 0 - 28/09/19)

<div>  PTTEP </div> <div> GBS GENERIC LIFT PLAN </div>	<div> Lifting Plan No. : RTN-LTF-PBS-MM-001-R00 </div> <div> Page : Page 3 of 3 </div>	<div> 2. <u>Lifting work.</u> </div> <div> 2.1 Basket transfer from Platform-Boat-Platform. </div> <div> <ul style="list-style-type: none"> - Crane operator, rigger, signaller and boat should be established communication before start lifting operation. - Crane operator to ensure that the platform crane is ready to operate. - Crane operator must use crane hoist correctly with load. - Riggers must hold and secure tag line to prevent basket impact with the platform or boat structure during lifting operation. - Do not stay under load suspension and always stay clear from line of fire during lifting operations. - Ensure the load still balance and stable all the time from pick up area to laydown area. </div> <div>  </div> <div> WIN - BS01579 </div> <div>  </div> <div> WIN - BS01573 </div>
--	--	--

PTTEP Main Cold Work Permit Form. Includes sections for Work Description, Hazard Identification, Safety Precautions, and Execution and Handback. The form is dated 2023-09-08 and contains various checkboxes and fields for safety and operational details.

PTTEP Main Cold Work Permit Form. Includes sections for Work Description, Hazard Identification, Safety Precautions, and Execution and Handback. The form is dated 2023-09-08 and contains various checkboxes and fields for safety and operational details.



COMPLEMENTARY PERMIT
FOR ENTER A CONFINED SPACE

No. GBS-CCS-2023-00027

1 REQUEST

(By Performing Authority)

Platform/Well Site: WPS05 Main Work Permit No.: GBS-CWP-2023-00162
Operation Unit: Others Unit No.: Others
Purpose/Description of Work: 2D-1510 : Internal cleaning by HPML (Day 1)
Task Supervisor: Company: GR3 Thailand Department: OMU
Entrant Name:

Name (PA): Date: 2023-02-09 14:25:18

2. PRECAUTIONS Tick in ☐ to identify requirements
(By Performing, Operating & Safety Authorities)

Check for
part 4

Unit isolated from all hazards	<input checked="" type="checkbox"/>
Unit purged & ventilated of gases/vapours	<input checked="" type="checkbox"/>
Unit sufficiently clean	<input type="checkbox"/>
Fixed firefighting systems inhibited	<input type="checkbox"/>
Unit free of structure collapse	<input checked="" type="checkbox"/>
Unit free of slip, trip & fall hazards	<input checked="" type="checkbox"/>
Aisles free from obstructions	<input checked="" type="checkbox"/>
Unit inerted during entry	<input type="checkbox"/>
Barrier and signage at entry	<input checked="" type="checkbox"/>
Entry control board/card	<input checked="" type="checkbox"/>
Respirator/Air supply equipment/Escapes set	<input checked="" type="checkbox"/>
Entrant to wear harness & life line	<input checked="" type="checkbox"/>
Emergency rescue exercise or drill conducted before entering	<input checked="" type="checkbox"/>
Emergency rescue plan communicated to all related personnel	<input checked="" type="checkbox"/>
Emergency rescue plan available at worksite	<input checked="" type="checkbox"/>
Rescue equipment identified in plan & SCBA provided at worksite	<input checked="" type="checkbox"/>
Material/tool protected from toxic gas e.g. Hg etc. contamination	<input type="checkbox"/>
Rescuer with radio required at all times	<input checked="" type="checkbox"/>
Additional safety lighting provided	<input checked="" type="checkbox"/>
Special clothing required	<input checked="" type="checkbox"/>
Gas check/monitor i.e. LEL, O2, H2, Benzene	<input checked="" type="checkbox"/>
Daily medical physical check by site Medic/Doctor	<input checked="" type="checkbox"/>
Others	<input type="checkbox"/>
Others Daily medical check	<input checked="" type="checkbox"/>

3. APPROVAL
OPERATING AUTHORITY (OA)

Name:	
Signature:	
Date:	16/08/41
SAFETY	
Name:	
Signature:	
Date:	17/08/28
AREA A	
Name:	
Signature:	
Date:	17/08/13
5 PERM	
TASK 5	
Name:	
Signature:	
Date:	14:00
SHIFT	
Name:	
Signature:	
Date:	14:00
WORKS	
Name:	
Signature:	
Date:	14:00
SAFETY (SA/W)	
Name:	
Signature:	
Date:	14:00

6 CLOSURE

(By Task Supervisor and Shift Controller)

I declare that Confined Space Entry has stopped, all persons & equipment have been removed from space and normal operations can be safely resumed.

REMARK:

TASK SUPERVISOR (TS) SHIFT CONTROLLER (SC)
Name: Date: Time: Date: Time:
ORIGINAL Work Site
DISTRIBUTION OF COPIES
GREEN Control Room
PINK Safety Authority
BLUE Performing Authority

SSHE Form (Rev. 08, Sep 2020)

PART 1: INITIAL REPORT (To be completed by Reporting Authority)			
Date of incident:	Time of incident:	Date of report:	FOR SITE SHE USE ONLY (Please tick as many as apply)
Asset:	Location/Equipment:		Work Related: <input type="checkbox"/> Work Related <input type="checkbox"/> Non-work related
IOGP function: <input type="checkbox"/> Exploration <input type="checkbox"/> Production <input type="checkbox"/> Drilling <input type="checkbox"/> Construction <input type="checkbox"/> Unspecified Responsible department: Job classification: <input type="checkbox"/> Company <input type="checkbox"/> Contractor <input type="checkbox"/> Third party (please specify name of contractor or third party company:)			Incident Classification: <input type="checkbox"/> High Potential Incident (HPI) <input type="checkbox"/> Near miss <input type="checkbox"/> External complaint <input type="checkbox"/> Non-compliance <input type="checkbox"/> Injury <input type="checkbox"/> Occupational illness Sewerage: <input type="checkbox"/> Fatality (FAT) <input type="checkbox"/> Lost Work Day Case (LWDC) <input type="checkbox"/> days <input type="checkbox"/> Restricted Work Day Case (RWDC) <input type="checkbox"/> days <input type="checkbox"/> Medical Treatment Case (MTC) <input type="checkbox"/> First Aid Case (FAC) <input type="checkbox"/> Property damage or loss <input type="checkbox"/> Production loss <input type="checkbox"/> Spill <input type="checkbox"/> Other Environmental pollution <input type="checkbox"/> Process Safety Event (PSE) <input type="checkbox"/> Loss of Primary Containment (LOPC) <input type="checkbox"/> Other <input type="checkbox"/> Other
Type of activity: <input type="checkbox"/> Construction, commissioning, decommissioning <input type="checkbox"/> Maintenance, inspection, testing <input type="checkbox"/> Lifting, rigging, crane operations <input type="checkbox"/> Transport - Water/Marine activity <input type="checkbox"/> Transport - Air <input type="checkbox"/> Other			<input type="checkbox"/> Diving, subsea, ROV <input type="checkbox"/> Seismic/Survey operations <input type="checkbox"/> Off-duty, recreation <input type="checkbox"/> Transport - Land*
Event category: <input type="checkbox"/> Assault and violent act <input type="checkbox"/> Cut, puncture, scrape <input type="checkbox"/> Exposure noise, chemical, biological, vibration <input type="checkbox"/> Slips and trips (at same height) <input type="checkbox"/> Vehicle/Aircraft related* <input type="checkbox"/> Other			<input type="checkbox"/> Confined space <input type="checkbox"/> Exposure electrical <input type="checkbox"/> Fall from height <input type="checkbox"/> Pressure release <input type="checkbox"/> Water related, drowning <input type="checkbox"/> Security incident
Cost estimate in USD: Equipment and Material			Production
Summary of incident:			
Description: What happened?			
Why did it happen?			
What are the consequences?			
Immediate actions:			
Reported by:	Position:	Signature:	Date: DDMMYYYY



Grievance and Issue Handling Guideline

12140-GDL-009-R01














Grievance and Issue Handling Guideline

12140-GDL-009-R01

PART 3: RELEASE DATA (To be completed by Pollution Supervisor, Process Engineer or designated person)			
If there were any hydrocarbon release/spill occurred, please complete the section below.			
Type of fluid: Process fluid <input type="checkbox"/> Oil <input type="checkbox"/> Gas <input type="checkbox"/> Condensate <input type="checkbox"/> 2-Phase <input type="checkbox"/> Produced water Non-process fluid <input type="checkbox"/> Chemicals <input type="checkbox"/> Diesel oil <input type="checkbox"/> Hydraulic oil <input type="checkbox"/> Lube oil <input type="checkbox"/> Glycol <input type="checkbox"/> Jet A1 <input type="checkbox"/> Other		Unit system: <input type="checkbox"/> Drilling <input type="checkbox"/> Well servicing <input type="checkbox"/> Wellhead <input type="checkbox"/> Export/Import <input type="checkbox"/> Flowlines <input type="checkbox"/> Drains <input type="checkbox"/> Pig receiver/launcher <input type="checkbox"/> Vent/Flare <input type="checkbox"/> Blow-down <input type="checkbox"/> Transportation <input type="checkbox"/> Separation <input type="checkbox"/> Processing <input type="checkbox"/> FGRU/VRU <input type="checkbox"/> CO ₂ removal <input type="checkbox"/> Utilities <input type="checkbox"/> Gas compression <input type="checkbox"/> Well fluid cooler <input type="checkbox"/> Other Train No.	
Loss of Primary Containment (LOPC): <input type="checkbox"/> Tier 1 LOPC <input type="checkbox"/> Tier 2 LOPC <input type="checkbox"/> Tier 3 LOPC Detection means: <input type="checkbox"/> Fixed Gas Detector/Alarm <input type="checkbox"/> Portable gas detector <input type="checkbox"/> Plan hydrocarbon release survey <input type="checkbox"/> Accidentally found <input type="checkbox"/> Gas compression <input type="checkbox"/> Well fluid cooler <input type="checkbox"/> Other		Tag no./Name:	
Leak source: <input type="checkbox"/> Piping <input type="checkbox"/> Flange <input type="checkbox"/> Fitting <input type="checkbox"/> Instrument tube <input type="checkbox"/> Flexible hose <input type="checkbox"/> Relief valve/Rupture disc <input type="checkbox"/> Valve <input type="checkbox"/> Storage tank <input type="checkbox"/> Pressure vessel <input type="checkbox"/> Marine vessel <input type="checkbox"/> Road/rail tanker <input type="checkbox"/> Other	Cause of leak: (tick more than one if necessary) <input type="checkbox"/> Design failure <input type="checkbox"/> Corrosion <input type="checkbox"/> Erosion <input type="checkbox"/> Mechanical failure <input type="checkbox"/> Incorrectly installed <input type="checkbox"/> Incorrectly fitted <input type="checkbox"/> Improper maintenance <input type="checkbox"/> L1 Dropped object <input type="checkbox"/> Other Release characteristics: <input type="checkbox"/> Direct to atmosphere <input type="checkbox"/> To flare <input type="checkbox"/> Result in liquid carry over <input type="checkbox"/> Require public protective measure		
Duration of leak (mins):			
Duration of spill (mins):			
Estimated pollution area (length x width):			
Characteristics of pollution:		Position of pollution (coordinates, etc.):	
Vessel course/speed:		Weather condition:	
Action taken (to be taken) to combat the pollution or stop sources:			
Remarks:			
Reported by:		Position:	Signature:
			Date: DD/MM/YYYY

PART 6: INCIDENT INVESTIGATION (To be completed by Site SHE)			
1) Who were witnesses to the incident or involved with the activity that lead to the incident? Provide names, positions and companies and their observations of what happened and why.			
2) Provide a timeline of all activities and conditions leading to the incident, i.e. what happened before the harmful event. (Start of shift, job planning, toolbox talk, etc.)			
3) Describe the recovery actions taken and provide a timeline of all activities after the incident, i.e. what happened after the incident.			
4) Describe what barriers (precautions) were inadequate, reduced or breached that allowed the incident to take place and why?			
Reported by:		Position:	Signature:
			Date: DD/MM/YYYY

PART 7: INCIDENT CAUSES ASSESSMENT (To be completed by Site SMO) – (Please tick as many as apply)			
Causal Factors	People (Acts)	Process (Conditions)	
1. Following procedure/rules/permit to work/ISA <input type="checkbox"/> Inadequate/indefinite guards or protective barriers <input type="checkbox"/> Not followed intentionally <input type="checkbox"/> Not followed unintentional <input type="checkbox"/> Operating without authority/permission <input type="checkbox"/> Improper working position for task <input type="checkbox"/> Overestimation of physical capability <input type="checkbox"/> Operating with improper speed <input type="checkbox"/> Improper lifting/hauling/unloading <input type="checkbox"/> Other	5. Protective systems <input type="checkbox"/> Inadequate/defective guards or protective barriers <input type="checkbox"/> Inadequate/defective Personal Protective Equipment (PPE) <input type="checkbox"/> Inadequate/defective personal warning systems/safety devices <input type="checkbox"/> Inadequate security provisions or systems <input type="checkbox"/> Other		
2. Use of tools, equipment, materials and products <input type="checkbox"/> Improper use/position of tools/equipment/materials/products <input type="checkbox"/> Servicing of energised equipment/inadequate energy isolation <input type="checkbox"/> Other	6. Tools, equipment, materials and products, and vehicles <input type="checkbox"/> Inadequate design/specification or management of change <input type="checkbox"/> Inadequate/defective tools/equipment/materials/products <input type="checkbox"/> Inadequate maintenance/inspection/testing <input type="checkbox"/> Other		
3. Use protective methods <input type="checkbox"/> Failure to warn of hazard <input type="checkbox"/> Inadequate use of safety systems <input type="checkbox"/> Personal Protective Equipment (PPE) not used or used improperly <input type="checkbox"/> Equipment or material not secured use <input type="checkbox"/> Disabled or removed guards, warning systems or safety devices <input type="checkbox"/> Other	7. Work place hazards <input type="checkbox"/> Congestion, clutter or restricted motion <input type="checkbox"/> Inadequate surfaces, floors, walkways or roads <input type="checkbox"/> Hazardous atmosphere (explosive/toxic/asphyxiant) <input type="checkbox"/> Storms or acts of nature <input type="checkbox"/> Other		
4. Inattention/Lack of awareness <input type="checkbox"/> Improper/lack of decision making and/or judgment <input type="checkbox"/> Lack of attention/distracted by other concerns/stress <input type="checkbox"/> Acts of violence <input type="checkbox"/> Use of alcohol and/or other drugs <input type="checkbox"/> Fatigue <input type="checkbox"/> Other	8. Organisational <input type="checkbox"/> Inadequate training/competence <input type="checkbox"/> Inadequate work standard/procedures <input type="checkbox"/> Inadequate hazard identification or risk assessment <input type="checkbox"/> Inadequate communication <input type="checkbox"/> Inadequate supervision <input type="checkbox"/> Poor leadership/organisational culture <input type="checkbox"/> Failure to report/learn from incidents <input type="checkbox"/> Other		
9. Management of Change <input type="checkbox"/> Incident not related to any 'Change' <input type="checkbox"/> Incident due to 'Unauthorised Change' (Change executed without fulfilling MOC requirement) <input type="checkbox"/> Incident resulted from the 'Change' made through the MOC process. Ref: MOC No.			
Root Cause Categories			
<input type="checkbox"/> Design <input type="checkbox"/> Risk assessment <input type="checkbox"/> Hardware <input type="checkbox"/> Procedures and safe working practices <input type="checkbox"/> Technical integrity	<input type="checkbox"/> Human factors <input type="checkbox"/> Training and Competency <input type="checkbox"/> Communication <input type="checkbox"/> Commitment and compliance <input type="checkbox"/> Management of Change	<input type="checkbox"/> Contractor management <input type="checkbox"/> Inspection/Audit/Quality Control <input type="checkbox"/> Supervision <input type="checkbox"/> House Keeping	
Life Saving Program (LSP)		Process Safety Fundamentals (PSF)	
Is LSP related to the incident?	<input type="checkbox"/> Yes <input type="checkbox"/> No     <input type="checkbox"/> Confine Space <input type="checkbox"/> Driving <input type="checkbox"/> Line of Fire <input type="checkbox"/> Work at Height <input type="checkbox"/> Hot Work <input type="checkbox"/> Work Authorisation	Is PSF design to the incident?	<input type="checkbox"/> Yes <input type="checkbox"/> No     <input type="checkbox"/> Energy Isolation <input type="checkbox"/> We respect hazards <input type="checkbox"/> We stay within operating limits <input type="checkbox"/> We recognize change <input type="checkbox"/> Safe Mechanical Lifting <input type="checkbox"/> Bypassing Safety Control
<input type="checkbox"/> Confine Space <input type="checkbox"/> Hot Work <input type="checkbox"/> Work Authorisation		<input type="checkbox"/> We apply procedures <input type="checkbox"/> We maintain safe isolation <input type="checkbox"/> We stop if the unexpected occurs   	
Reviewed by:		Signature:	
Position:		Date:	
		DD/MM/YYYY	

[illegible]



PART 9: REVIEW COMPLETION OF CORRECTIVE ACTION (To be reviewed by CSIR Asset VP, or Plant Manager as per criteria in Incident Management Procedure)			
Reviewed by:	Position:	Signature:	Date: DDMM/YYYY
PART 10: VERIFICATION AND VALIDATION OF INCIDENT REPORT (To be verified and validated by FG SSIE or CSAO or CSK as per criteria in Incident Management Procedure)			
Reviewed by:	Position:	Signature:	Date: DDMM/YYYY

ART/GBN/GBS SSHE Monthly Meeting

March- 2023



SSHE PERFORMANCE REVIEW

As of February 2023



SSHE KPIs	Low	Base	Stretch	ARTHIT (Last LTI 19 Dec 2011)		GBN (Last LTI 12 Aug 2022)		GBS (Last LTI 9 Nov 2010)	
LTIF (Nb/MMhrs)	0.24	0.11	0.00	0*	●	0*	●	0*	●
TRIR (Nb/MMhrs)	1.64	1.27	0.91	0	●	2.57 (1 case)	●	0	●
LOPC (# T1 & T2 LOPC/MMhrs)	0.11	0.07	0.00	0	●	0	●	0	●
Spill Rate (Tons/MMTons Prod.)	0.44	0.26	0.00	0	●	0	●	0	●
SSHE Plan Completion	90%	95%	100% + Significant OC	14.42%	●	15.97%	●	16.08%	●

*LTIF is Company KPI Level (One Team One Goal) = 0

Working Man-hours 2023		204,111 hr.	388,524 hr.	116,328 hr.
Working Man-hours since last LTI		11,495,187 hr.	1,725,670 hr.	10,293,421 hr.

SSHE PERFORMANCE REVIEW

As of February 2023 

Personal and Process Safety Pyramid

ARTHIT

GBN

GBS

PERSONAL SAFETY	Feb 2023	YTD	Feb 2023	YTD	Feb 2023	YTD
FAT	0	0	0	0	0	0
LWDC	0	0	0	0	0	0
RWDC	0	0	0	1	0	0
MTC	0	0	0	0	0	0
FAC	0	0	3	3	0	0
UA/UC	58	86	86	128	44	70



PROCESS SAFETY	Feb 2023	YTD	Feb 2023	YTD	Feb 2023	YTD
LOPC Tier1	0	0	0	0	0	0
LOPC Tier2	0	0	0	0	0	0
LOPC Tier3	0	1	0	0	0	0
LOPC Tier4 (Planned/Unplanned)	0/9	13	1/7	18	2/1	5

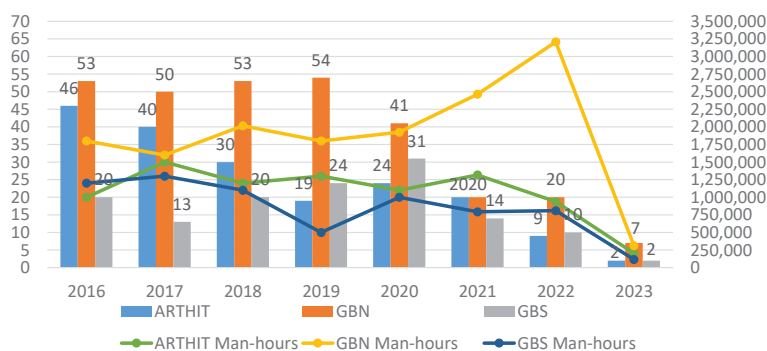


Energy Partner of Choice

SSHE PERFORMANCE REVIEW

As of February 2023 

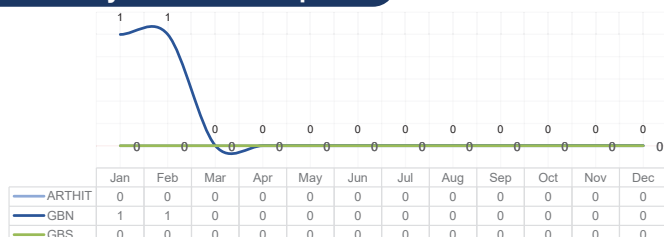
Incident Reporting 2016-2023



Incident Highlight



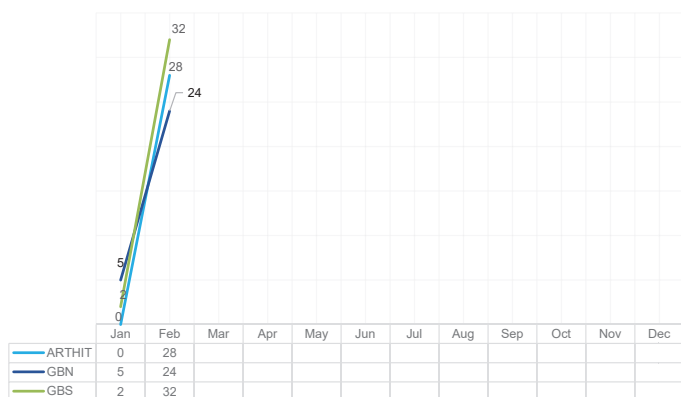
Security – Intrusion Report



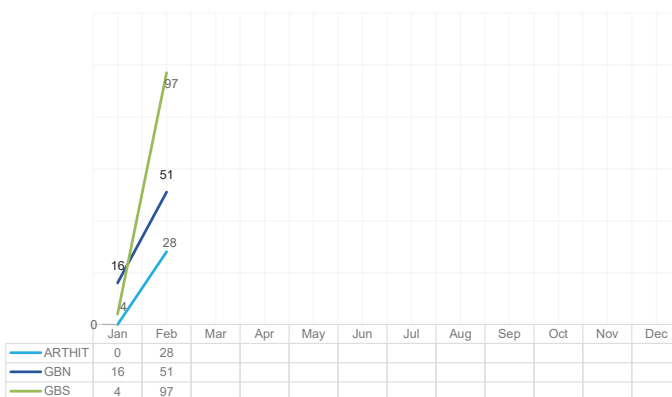
Energy Partner of Choice

SSHE PERFORMANCE REVIEW 2023

Joint Integrity Management System (JIMS)



PTW issued with JIMS related



Witnessed certificates completed

No LOPC with JIMS related

Energy Partner of Choice

SSHE PERFORMANCE REVIEW 2023

LOPC Plan Status as of February



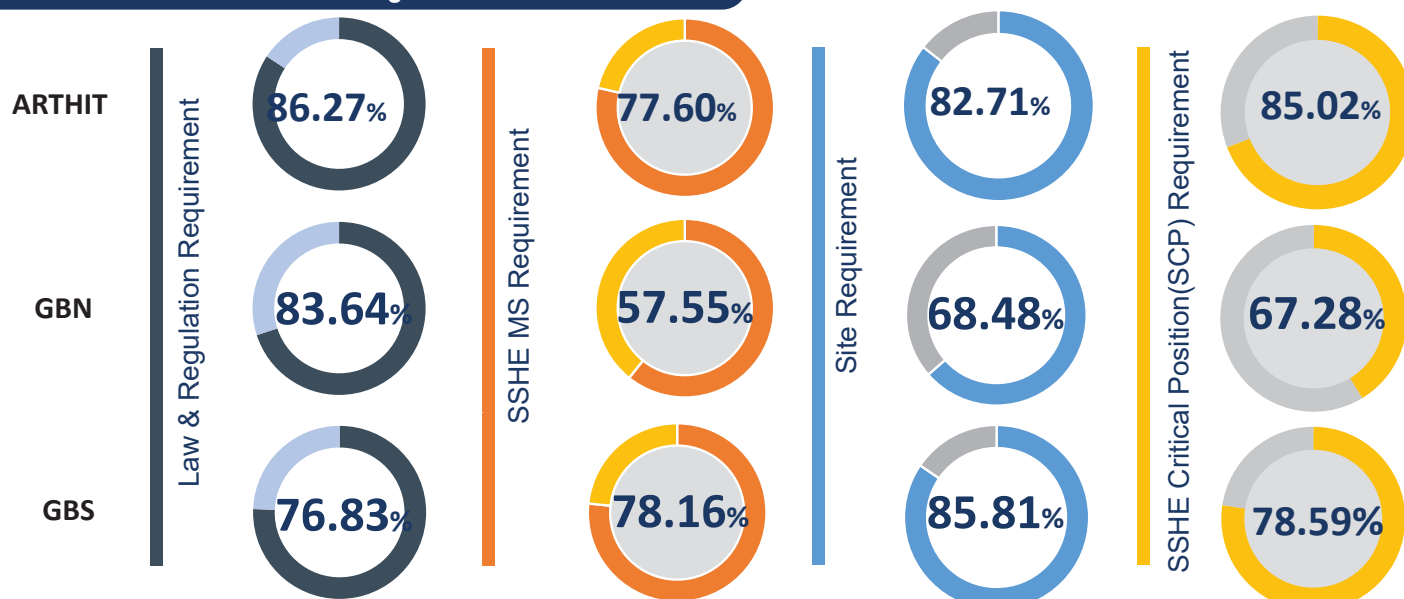
Asset	LOPC Release Survey	Status	Remarks
GBS	PPS, WPS-1, WPS-3, WPS4, WPS-5,WPS-6, WPS-8, WPS-10, WPS-11, WPS-13, WPS-14 and WPS-15	Completed	No leak was detected

Energy Partner of Choice

SSHE PERFORMANCE REVIEW

As of February 2023 

SSHE Training Status



Energy Partner of Choice

SSHE PERFORMANCE REVIEW

As of February 2023 

SSHE Audit finding follow up

Audit	Status	Total	Action by support team				Action by site			
			Total	In progress	Overdue	Closed	Total	In progress	Overdue	Closed
ARTHIT										
2022 SSHE Integrated Audit	Open	16	1	1	0	0	15	0	0	15
GBN										
GBS										
2020 Re-HAZOP	Open	165	15	12	0	3	150	0	0	150
2021 SSHE Integrated Audit	Open	17	6	0	0	6	11	1	0	10

Energy Partner of Choice

Greater Bongkot South Field



SSHE INDUCTION

SSHE Induction

Greater Bongkot South Field

Induction

All personnel associated with execution of work or visiting the field shall undergo SSHE Induction and Orientation upon arrival at offshore installations and marine vessels or barges, the process may require both Contractor & Company Induction programs.

พนักงานทุกคนที่เดินทางมาทำงาน หรือมาเยี่ยมชมภายใน โครงการต้อง ได้รับการแนะนำและปรับตัว เมื่อเดินทางมาถึงพื้นที่นอกชายฝั่ง

All personnel shall undergo Company Induction every time they return to the field. (Mandatory)

พนักงานบริษัทจะต้อง ได้รับฟังการแนะนำทุกครั้งที่เดินทางมายังพื้นที่นอกชายฝั่ง

Team work is the key to the Projects success.

การทำงานเป็นทีมคือจุดหมายที่ทำให้เป้าหมายของเราสำเร็จลุล่วง



SSHE Induction

นโยบายความปลอดภัย มั่นคง ชีวิทนาคติ และสิ่งแวดล้อม

บทสนทนาเกี่ยวกับ นโยบาย มั่นคง ชีวิทนาคติ และสิ่งแวดล้อม เป็นหัวใจของโครงการ SSHE การปฏิบัติงานอย่างปลอดภัย เป็นส่วนสำคัญในการดำเนินงานโครงการ SSHE การปฏิบัติงานอย่างปลอดภัย เป็นส่วนสำคัญในการดำเนินงานโครงการ SSHE การปฏิบัติงานอย่างปลอดภัย เป็นส่วนสำคัญในการดำเนินงานโครงการ SSHE

บทสนทนาเกี่ยวกับ นโยบาย มั่นคง ชีวิทนาคติ และสิ่งแวดล้อม เป็นหัวใจของโครงการ SSHE การปฏิบัติงานอย่างปลอดภัย เป็นส่วนสำคัญในการดำเนินงานโครงการ SSHE การปฏิบัติงานอย่างปลอดภัย เป็นส่วนสำคัญในการดำเนินงานโครงการ SSHE

นโยบายความปลอดภัย มั่นคง ชีวิทนาคติ และสิ่งแวดล้อม

บทสนทนาเกี่ยวกับ นโยบาย มั่นคง ชีวิทนาคติ และสิ่งแวดล้อม เป็นหัวใจของโครงการ SSHE การปฏิบัติงานอย่างปลอดภัย เป็นส่วนสำคัญในการดำเนินงานโครงการ SSHE การปฏิบัติงานอย่างปลอดภัย เป็นส่วนสำคัญในการดำเนินงานโครงการ SSHE

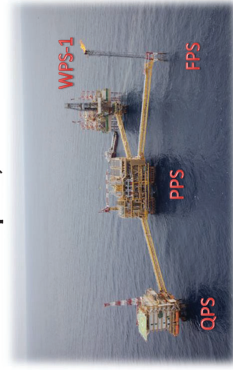
บทสนทนาเกี่ยวกับ นโยบาย มั่นคง ชีวิทนาคติ และสิ่งแวดล้อม เป็นหัวใจของโครงการ SSHE การปฏิบัติงานอย่างปลอดภัย เป็นส่วนสำคัญในการดำเนินงานโครงการ SSHE การปฏิบัติงานอย่างปลอดภัย เป็นส่วนสำคัญในการดำเนินงานโครงการ SSHE

SSHE Induction

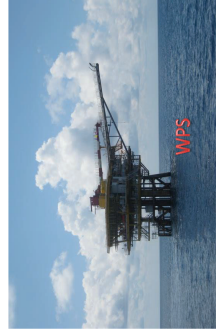
Greater Bongkot South Field

- BONGKOT SOUTH is the gas and condensate production field.
- Bongkot south field comprises one central complex, 16 remote platforms.

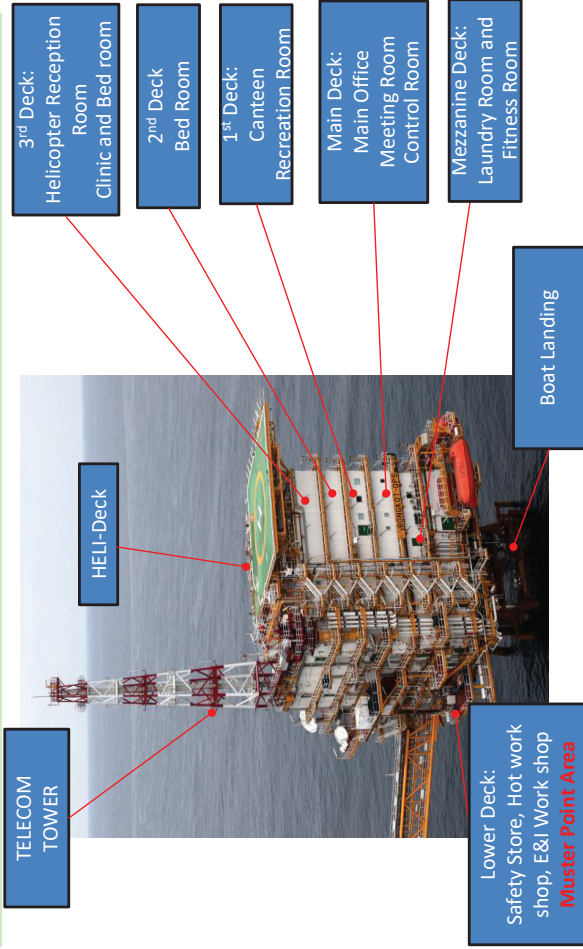
- Central complex comprises :
Quarters Platform (QPS)
Production Platform (PPS)
Wellhead Platform 1 (WP1)



- Remote platform comprises :
Phase 4A : WPS 2 – WPS 6 (5 Platforms)
Phase 4B : WPS 7 – WPS 10 (4 Platforms)
Phase 4C : WPS 11 – WPS 13 (4 Platforms)
Phase 4D : WPS 14 (1 Platforms)
Phase 4E : WPS 15 – WPS 16 (2 Platforms)



Greater Bongkot South Field



Emergency Situation

Platform Alarm

There are 2 (Two) distinct alarms on GBS

1. Fire and Gas alarm : This alarm is an intermittent sound.

2. Evacuation alarm : This alarm is a continuous steady sound.

3. The audible alarms is emitted through the PA loudspeakers and in noisy areas visible alarms are made by the amber flashing lights.



Personnel On Board / POB management

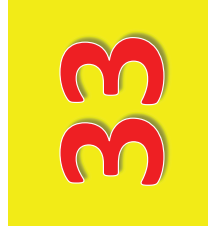
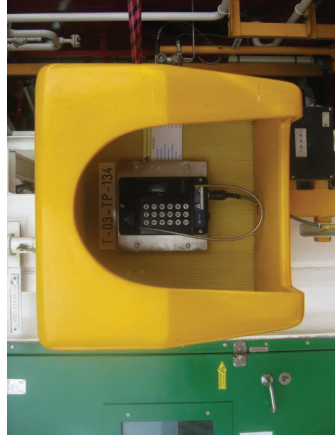
POB Board

- On arrival, all personnel (including from vessels) at complex, must report to Logistics officer at helicopter reception room.
- Receive Magnobar.
- Acquaint yourself with mustering procedure.
- You are **RESPONSIBLE** to your Magnobar.
- Muster boards: use to indicate location or movement of POB.
- Each POB shall only move their own Magnobar.



Emergency Situation

Emergency Phone



QPS - Center Control Room (CCR) : 810-7915

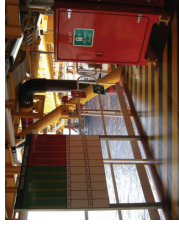
Please remind always yourself.

Emergency Situation on Main Complex

Designated Muster Point

There are six(6) primary muster points on GBS Complex :

- 1.Muster point 1, Lifeboat 1 for None emergency response team,
- 2.Muster point 2 Lifeboat 2 for None emergency response team,
- 3.Muster point 3 Lifeboat 3 for None emergency response team,
- 4.Muster point 4 QPS Control room for on Scene Commander team,
- 5.Muster point 5 QPS Mezzanine deck for Fire and Rescue team
- 6.Muster point 6 QPS 3rd Deck for Helicopter Pilots, Doctor, Medic stretcher team,
- 7.Boat landing Muster point for Non-accommodated POB.

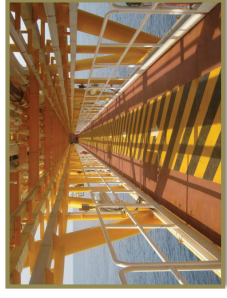


Emergency Situation on Main Complex

Backup Muster Point

There are 4 allocated back up muster points on GBS Central Complex

- 1.PPS -WPS 1 Lower bridge for muster point life boat 1, 2 and 3.
- 2.PPS – ITR Room Mezz Deck @ MP 4.
- 3.PPS - Mechanical Workshop for Emergency team @ MP6.
- 4.PPS - Main deck for Intervention team 1 & 2 @ MP 5.
- 5.WPS1- Lower deck for floated barge passengers who normally muster at QPS boat landing.

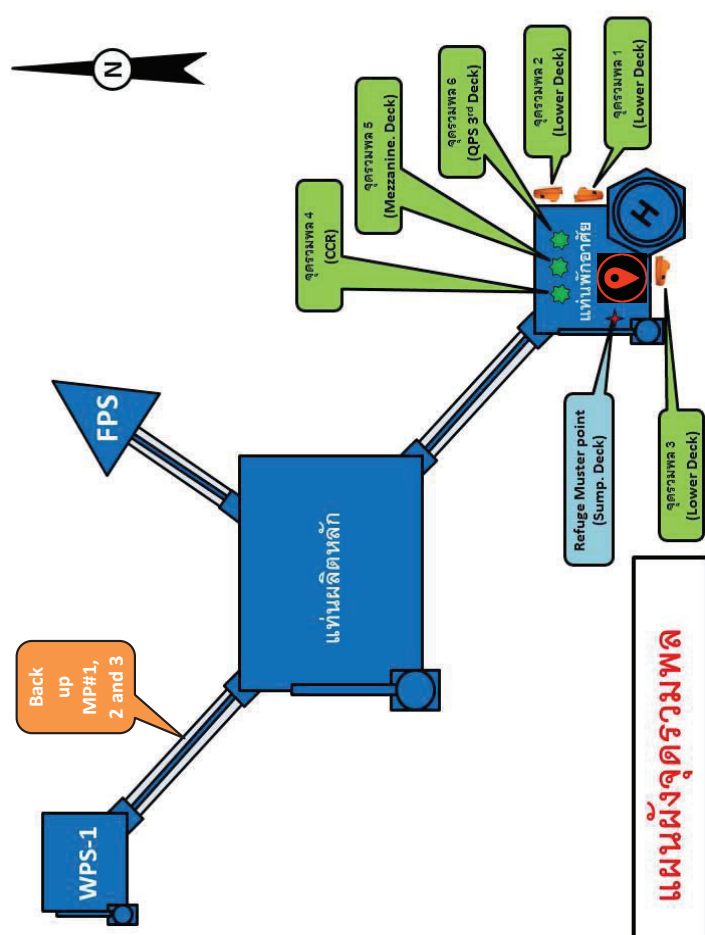
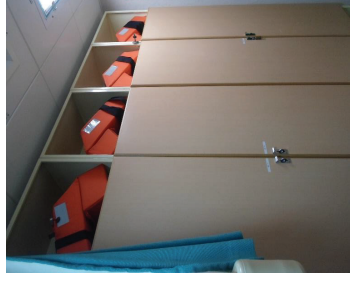


Emergency Situation on Main Complex

Mustering

The following actions are to be taken by all personnel in the event of emergency:

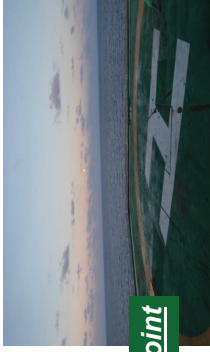
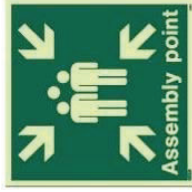
1. Stop all activities, clear working area safe and go to your muster station.
2. In case of staying in the cabin, bring your grasp bag and life jacket to your muster point.
3. Move magnobar to indicate your status.
4. Done your life jacket and stand by.
5. If requested go to the Life Boat and wait for instructions by muster checker.



SSHE Induction

Emergency Situation on Remote Platform

The agreement of the Designated Muster Point between Wellhead Operator and Performer.



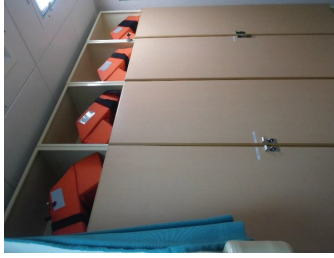
SSHE Induction

Life Saving Equipment

Life Jacket

Life jackets are located in each cabin in the accommodation or in boxes near the life raft station.

Make sure you know where your life jacket is & how to put it on correctly.



SSHE Induction

Safety Equipment



Life Saving Equipment



Fire Fighting Equipment



General Safety Equipment

SSHE Induction

Life Saving Equipment

Life Raft

Life rafts are located at various points of platform. Make sure you know where they are. In case of emergency alarm, you can't return to your muster point ;

- Put on suitable clothing (If time permitting)
- Put on life jacket.
- Await further orders prior to boarding



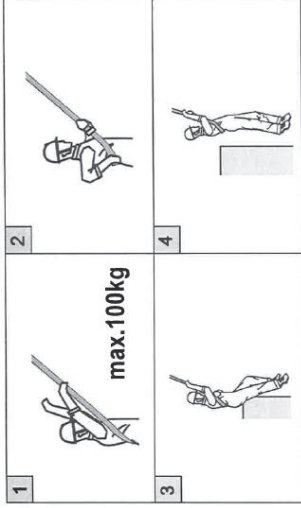
SSHE Induction

Life Saving Equipment on WPS15 & WPS-16

The DBI-SALA Rollgliss Descender Device

Descender Device are located at various points of platform. Make sure you know where they are (Lower & Sump Deck). In case of emergency alarm, you can't return to your muster point ;

- Put on life jacket.
- Hold Evacuation Straps (If time permitting, Max 100 Kg.)
- Await further orders prior to boarding



SSHE Induction

Life Saving Equipment

Life boat

Life boats are located at South side and East side of QPS Lower Deck Platform, In case of abandonment alarm ;

- Don a life jacket.
- Collect magnobar from muster board.
- Enter your life boat
- Fasten your safety belt
- Stay Calm.



SSHE Induction

Life Saving Equipment on WPS15 & WPS-16

The DBI-SALA Rollgliss Descender Device



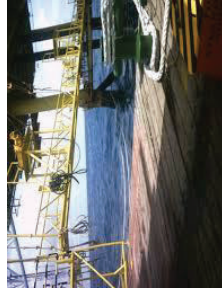
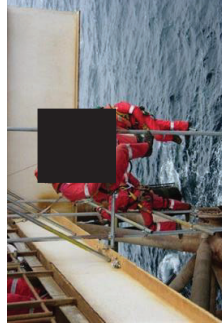
SSHE Induction

Life Saving Equipment

Work Vest

Work vest to be worn

- If transfer by personnel transfer basket.
- If transfer by swing rope.
- If transfer by gang way.
- If no handrails within 3 m from the edge such as boat landing.
- If working over board.



Life buoy

Life buoys are located at various points of platform. Make sure you know where they are.



Life buoy

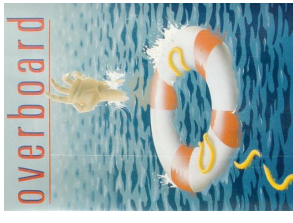
Additional Life buoys may be required for specific tasks, especially those working near the side of platform, or working over board

Procedure

Immediate & effective response is essential.

The following action to be taken.

- Maintain visual contact with the man overboard.
- Continually point in the persons direction & Shout **"Man Overboard"**
- Throw the life buoy with retrieving line attached to direction of man overboard.
- Call Center Control Room through UHF radio or telephone **no.33**.
- Responsible person will launch the Fast Rescue Craft (FRC) to the location of MOB or will alert other support vessel's to underway & maneuver the vessel to rescue as necessary.
- Alert the doctor and activate the emergency response plan.



Fire Fighting Equipment

- Dry powder, water, CO2 and foam fire extinguishers are located on GBS Complex and Remote Platforms. Make sure you know how to use them correctly. Instructions is attached at the fire extinguisher side.



- Fire hydrants and hose reels are located on GBS Complex for Emergency use.

Discovering a Fire inside Accommodation

The following action MUST be taken

- Raise the alarm by pushing the nearest Manual Alarm Call Point. (MAC)
- Use the proper fire hose reel or fire extinguisher, if safe to do.
- The emergency exit is suggested to use if safe.



Fire Fighting Equipment

KNOW YOUR FIRE EXTINGUISHER COLOUR CODE

Water	Dry powder	Foam	CO ₂ Carbon dioxide	Wet chemical
<p>For use on</p> <ul style="list-style-type: none"> Wood, Paper, Textiles etc. <p>Do not use on</p> <ul style="list-style-type: none"> Flammable liquids Live electrical equipment 	<p>For use on</p> <ul style="list-style-type: none"> Wood, Paper, Textiles etc. Flammable liquids Flammable solids Flammable gases Live electrical equipment <p>Do not use on</p> <ul style="list-style-type: none"> Flammable liquids Live electrical equipment 	<p>For use on</p> <ul style="list-style-type: none"> Wood, Paper, Textiles etc. Flammable liquids <p>Do not use on</p> <ul style="list-style-type: none"> Flammable liquids Live electrical equipment 	<p>For use on</p> <ul style="list-style-type: none"> Flammable liquids Live electrical equipment <p>Do not use in</p> <ul style="list-style-type: none"> a confined space 	<p>For use on</p> <ul style="list-style-type: none"> Wood, Paper, Textiles etc. Cooking oil fires

General Safety Equipment



Chemical Spill Kit

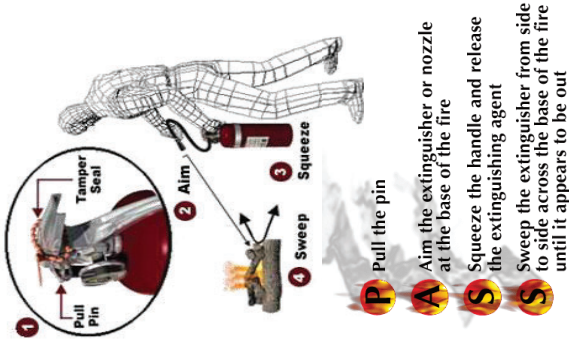
Eye Wash & Shower Station

In Case of Fire

Discovering a Fire

The following action **MUST** to be taken

- Raise the alarm by pushing the nearest Manual Alarm Call Point. (MAC)
- Use the appropriate fire extinguisher only if safe to intervene.
- Never put yourself in danger.



General Safety Equipment



First Aid Kit



Stretcher

SSHE Induction

When performing on site you have to know where the location of all these things



Escape way



MAC



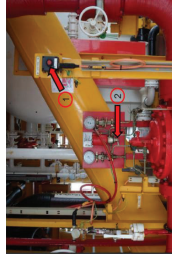
Nearest telephone



Eyewash station



Fire extinguisher



Deluge system

SSHE Induction

Safety Instruction

ชนิดของตลับกรองสำหรับป้องกันสารเคมี

Type of cartridge for protection chemical exposure

Dust mash:

3M 8210 N95 Particulate Respirator

ใช้สำหรับ: หน้ากากป้องกันฝุ่นละออง



SSHE Induction

Safety Instruction



SSHE Induction

Safety Instruction

ชนิดของตลับกรองสำหรับป้องกันสารเคมี

Type of cartridge for protection chemical exposure

Acid Gases Cartridge:

3M 6002 ตลับกรองไอกรด

ใช้สำหรับ: ป้องกันกรดแก๊ส เช่น แก๊สคลอรีน, กรดไฮโดรคลอริก (กรดเกลือ), กรดซัลฟูริก (กรดกำมะถัน) แก๊สซัลเฟอร์ไดออกไซด์, แก๊สคลอรีน, กรดไฮโดรเจนซัลไฟด์ (แก๊สไข่เน่า), VCI, CI



SSHE Induction

Safety Instruction

ชนิดของดักจับกรองสำหรับป้องกันสารเคมี

Type of cartridge for protection chemical exposure

Multi Acid Gas / Organic Vapor Cartridge:

3M 6006 ดักจับกรองแก๊ส และ ไอระเหย

ใช้สำหรับ: ป้องกันไอระเหยของสารตัวทำลาย และ ไอเดอเมเนียร์เอเมท์ทิลดามีน กรดแก๊ส ไอพอร์มัลดีไฮด์ หรือบริเวณที่มีแก๊สและไอระเหยหลายประเภทปะปนกัน



SSHE Induction

Safety Instruction

ชนิดของดักจับกรองสำหรับป้องกันสารเคมี

Type of cartridge for protection chemical exposure

Organic Vapor / Mercury Vapor / Arsenic and Air Particulate Cartridge:

3M 6096 ดักจับกรองสารอินทรีย์, ไอปรอท และ อนุภาคอากาศ

ใช้สำหรับ: ป้องกันสารอันตรายในบรรยากาศ คือ ไอระเหยของสารอินทรีย์ สารหนู ไอปรอท และ อนุภาคอากาศ



SSHE Induction

Electronic Devices

ห้ามนำโทรศัพท์, แท็บเล็ต, โน้ตบุ๊ก และอุปกรณ์อิเล็กทรอนิกส์ทุกชนิด
เข้าไปในพื้นที่การผลิต หรืออีเอ็มแพดฟอร์ม

Mobile Phone, Tablet, Laptop and Electronic Device

are not allowed to bring in process area and remote wellhead platform.



SSHE Induction

Take Photo on GBS Field

Take photo required hot work permit.

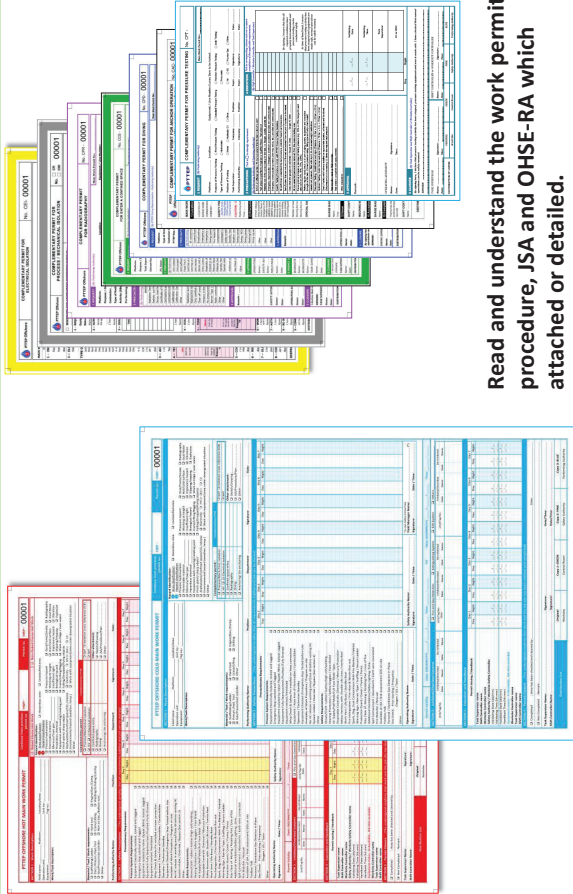


Take Photo on GBS Field

8.3 พนักงานต้องไม่เผยแพร่ภาพนิ่ง ภาพเคลื่อนไหว คลิปเสียง และ/หรือ เนื้อหาที่ไม่เหมาะสม ไม่ทราบแหล่งที่มา ตลอดจนไม่แสดงความคิดเห็นส่วนบุคคลที่อาจส่งผลให้เกิดความเสียหายต่อชื่อเสียง ภาพลักษณ์ หรือการดำเนินงานของกลุ่ม ปตท.สน. ตลอดจนผู้มีส่วนได้เสียผ่านสื่อออนไลน์และเครือข่ายสังคมออนไลน์

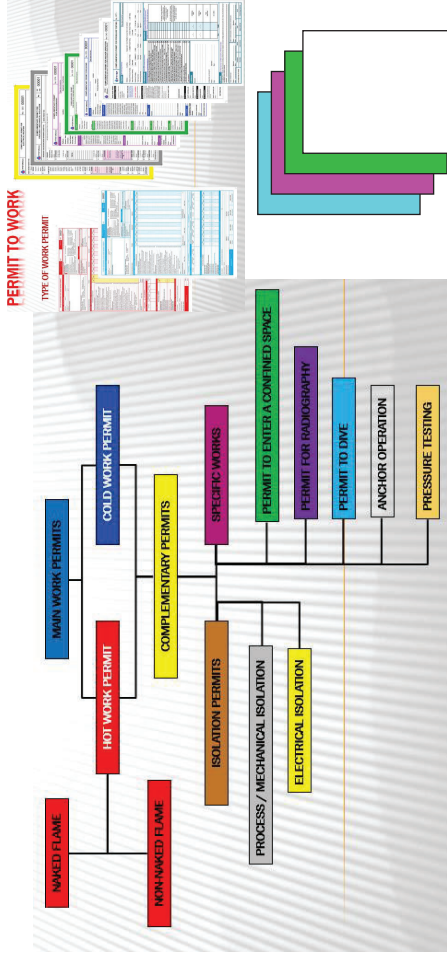
- ห้าม Post ลงสื่อออนไลน์ หากไม่ได้รับอนุญาตทางการจากแผนก Communication Department (CCP).
- สื่อโซเชียลมีเดียในพื้นที่ของแท่นก๊าซเป็นสถานที่ปฏิบัติงาน
 - ภาพนิ่งภายในพื้นที่ของแท่นก๊าซเป็นสถานที่ปฏิบัติงาน
 - หากมีข้อสงสัย ให้ติดต่อ Field Manager ประจำแต่ละแท่น

Follow Precaution of Work permit



Read and understand the work permit, procedure, JSA and OHSE-RA which attached or detailed.

Permit to Work

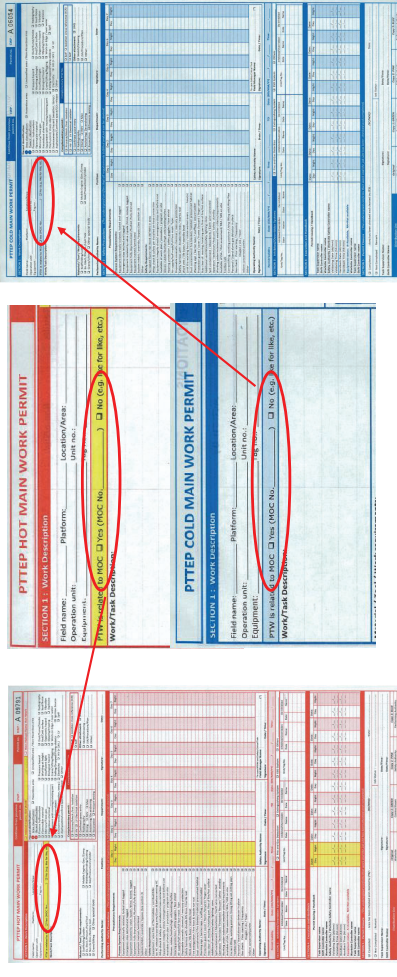


- Performing Authority shall fill in PTW form and submit with necessary attached documents in PTW meeting room for review before agreed time.
- PTW shall be return to PTW office by Performing Authority at the end of every shift

MOC on Work Permit

MOC (Management of Change)

A process to manage any changes to a work process or facilities to ensure that any risk or hazard arising from that change is identified, assessed and controlled.



MOC and Work Permit

MOC (Management of Change)

Type of Change	Definition and Examples
Downgraded	Downgraded situation is defined as operation while Safety Critical Equipment (SCE) is not fully functional as per the design intent. e.g. SCE test failure to meet its performance standard, but remain in operation.
Derogation	Derogation is defined as non-compliance to installation/facility Codes, Standards, Company General Specification, and Procedures or operation outside the design envelop. e.g. Inadequate coverage of Fire and Gas Detection system, Production/ Wellservicing/ Drilling sequences do not follow normal practice or instruction.
Deferral	Deferral is defined as a situation that the target Preventive Maintenance (PM) schedule of Safety Critical Element (SCE) cannot be met. e.g. Postponement of SCE PM due to high nomination or weather windows does not permit.
Inhibit / Override	Inhibit / override is defined as temporary disablement of protective function or overriding protective function. e.g. Inhibit PAHH during pressure test, suppress critical alarms, etc.

Waste Management

Essential rules

- All wastes will be clearly identified, and the correct information of hazard warnings should be posted to declare to all parties involved to the handling and disposal of the waste.
- No dumping of waste overboard.
- All waste generated from offshore to be sent onshore and managed by approved/registered waste disposal vendor.



LIFE SAVING PROGRAM

Moving forward to be an Injury Free Organization

สู่องค์กรไร้การบาดเจ็บโดยการทำงาน

Work permit
ใบอนุญาตในการทำงาน

Position in a safe zone
อยู่ในตำแหน่งที่ปลอดภัยจากวัตถุเคลื่อนที่หรืออุปกรณ์ที่มีพลังงาน

System override
การยกเลิกระบบควบคุม

Working at height
การทำงานบนที่สูง

Confined space
การทำงานในที่จำกัดทาง

Personal flotation device
การสวมใส่อุปกรณ์ช่วยพยุงตัว

Do not smoke
ห้ามสูบบุหรี่ในพื้นที่ห้ามสูบ

No drugs or alcohol
ห้ามเสพยาเสพติดหรือดื่มสุรา

Do not walk under a suspended load
ห้ามผ่าน หรืออยู่ภายใต้วัตถุที่ห้อยลง

Waste Management

Standardized Non-Hazardous and Hazardous Waste Label

Design No.	Description
1	Non Haz-Waste
2	Flammable Gas/Liquid
3	Flammable Solid
4	Infectious Substance
5	Corrosive and Miscellaneous
6	Mercury Contaminated Wastes

