E&PSLOSS PREVENTION OBSERVATION (LPO) FORM



1. FACILITY/PROJECT SITE NAME: Jurong Control Room Migration - JCRM		on - JCRM	2.CITY/STATE/COUNTRY: Singapore			(MM/DE		4.0BSERV 17:00	1.□	AM 1.	CLASSIFICATION: ☑ Peer to Peer ☐ Supervisor to Jo	
						10/03	1	<u> </u>	2.			D Expert
1.0BSERVER'S NA Efa Mysara	AME:	SSHE	VER'S TITLE :		ERVER'S COMPANY S Major PRoject	:	4.0BSERVEE'S Safety Coord			Loh & Loh	'S COMPANY:	
REGION: 1. Afr	rica □2 Am	ericas South	☐ 3. Asia	☐ 4. Canada	☐ 5. Europe	☐ 6. Midd	lle Fast □ 7 U	Inited States				
RESPONSIBLE DEPARTMENT/DIVISION (for LPO Observee):												
Property Solutions:			mental Solution						l	E&PS:		
☐ 1. PS-Facilities- ☑ 2. PS-Projects	-Site	☐ 1. ES	S-Commercial	☐ 1. U			☐ 5. UK/NOR/O			☐ 1. GSC SS		
□ 2. PS-Projects		2. ES			S West / Americas	South	6. Benelux/F	R/IT/GER		2. Global S		
		☐ 3. E	S-Projects		OL Upstream OL Downstream		☐ 7. AP North ☐ 8. AP South			☐ 3. E&PS A	amin/Otners	
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				., ,,			•	other if	•	<u> </u>		
1. ☐ Asbestos/L 2. ☐ Carpentry/		10. 11.	☐ Electrical F	Repair/Maintena		☐ Office	Rem/Vac Event Work		26. 27.	Security Shipping / Rec	eivina	
□ Ceiling Ins	stallation	12.	☐ Flooring In	stallation	21.	□ O&M (Remediation Syste		28.	Subsurface Cle		
 4. ☐ Cleaning/F 5. ☒ Construction 	Housekeeping on/Installation	13. 14.		aration / Handli		☐ Paintin☐ Plumbi	ng/Coating/Insulatio	n		Surveying	-Equip/Matl/Suppl	00
	erations/Rigging/		. ☐ Gauging/S	amping			:/MaintMech-Sche	d/Routine	31.	Vegetation Co	ntrol – Landscapin	g q
7. Demolition			Inspection		25.	☐ Scaffo	Iding Erecting/Dism	antling		Wall Installatio		-
	orkover/Workline ng/Excavation/Tr	17. enchina 18	Loading/U ☐ Masonry/C		1				33. ⊠	Other (Specify SIMOPS	ı:	
0. <u></u>	g, <u></u> ,,,,				n Risk Work ((LSA a	ctivity) cate	gories:	_	Olivior C		
1. Working	g at Height			xcavation		•	Confined Space					
`	g Near Moving E	quinment	5. DE	nergy Isolation			Defeat of Critical S	Safety Devices				
`	and Rigging	40.6		lot Work			Does not apply					
3. Litting a	and Rigging		0. Цп	IOL WOIK		э. ⊔	Does not apply					
	Brief [Descriptio	n of Task		d and Work A			g., weather	r, traffic,	confining, e	c.)	
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simultaneously				in and Const	ruction Manager,	, Jonaina	an during SilviOi	Activity. F	Auger an	d Sneet Pile	machine oper	aung
				itions on 3rd	October 2021, tv	vo teams	of workers wer	e doina Au	der and	Sheet Piling	activities withi	n same
					ns on site and ar							
involves two ac							.,				g	
		_	•									
					Positive Co	mments	S					
		(provide fi	ve or six spe	cific example	es of the most sig			rs/condition	s observ	red)		
Positive observ	/ation	,,	•	-						,		
					us operations. (T	his allow	s workers to fo	cus on one	activity t	that their tas	ked for	
	onned proper			site for the op	perations.							
	vere properly											
	s provided un				(This analyses a	nly trains	ad and cortified	noroonnoli	ميرواله م	d to operator	machinamı)	
Operator pa	articulars can	easily be lou	nd on the ma	achine doors	. (This ensures o			personner	s allowe	d to operate	machinery).	
		(fa	cilitated by th	ne direct sun	Feedback Servisor at the wor			day as the I	I PO)			
1. Feedback Session	on Conducted By		omtated by tri		's Supervisor:	TK 100atio		3. Feedback S		te 4. F	eedback Session	Time
Efa Mysara	•			Suresh	·			(MM/DD/YYYY			ur : minute, AM or F	PM):
								10/03/2021		18	:00 PM	
					tion(s) D		h EDOO			<u> </u>		
Committee	nd attack FDO	C forms and	nower all 7 f		tion(s) Develo ns. If answering l			4i6., t	uog/=)	ad avests!:	by Ol/=)	rad If
					fer the solutions							
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LECK			COLUTION) (must match	Factor)		4 DEDSOI	N RESPONS	IBLE	arg ⊝tio	Signate	` .
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7.	FACTOR #	3.	SOLUTION(S				4. I EROOI				≥⊇ن ا	∈
_	2. FACT	3.	SOLUTION(S				4. I ERGOI			5. Sompl	. e.	~ ≥
1	5 FLS t	o monitor all wi		/barricaded are	ea to wear double h	nearing	Suresh			5. Target Completion Date	10/03/20	10/03/2
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1 11	5 FLS to protect	o monitor all wi	thin the radius/	f fire and haza	rds associated to th		Suresh			10/03/2 21 10/03/2 21	0 10/03/20 21	10/03/2 021
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1 11 8. Supervisor	5 FLS t protect 1 FLS t SIMO	o monitor all wi o properly dete PS and to be in	thin the radius/ rmine all line o ncluded in JLA/	f fire and haza /MS/PTT	9. Title/ Company:	he SSHE (Exx	Suresh Suresh conMobil)	lave solutic	ons been	10/03/2 21 10/03/2 21 10. Date:	0 10/03/20 21 0 10/03/20 21	10/03/2 021 10/03/2
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E&PSLOSS PREVENTION OBSERVATION (LPO) FORM



LOSS PREVENTION		, ,			
	(Write number of time	QUESTIONABLE	COMMENTS		
PERSONAL PROTECTIVE EQUIPMENT (IMPACT # in parenthesis)	(Write number of times line item observed as performed/addressed in accordance with safe work standards)		(Write comments for all Questionable Items, significant Correct actions and "Other)		
1. (00101) Hearing protection (e.g., ear plugs, ear muffs)		1	FRCS Completed and Attached		
2. (00102) Head protection (e.g., hard hat)	2				
3. (00103) Eye/face protection (e.g., safety glasses, face shield)	3				
4. (00104) Hand protection	3				
5. (00105) Foot protection	3				
6. (00106) Protective clothing	3				
7. (00107) Respiratory protection					
8. (00108) Fall protection (e.g., full body harness/lanyard/lifeline)					
9. (00114) Other; Specify:					
BODY USE & POSITIONING	CORRECT	QUESTIONABLE	COMMENTS		
10. (00201) Correct body use and positioning	1				
11. (00202) Line of fire - correct positioning		3	FRCS Completed and Attached		
12. (00203) Pinching/scraping point - sharp objects					
13. (00204) Ascending/descending (e.g., ladder, stool)					
14. (00205) Walking					
15. (00206) Excessive effort/overexertion					
16. (00215) Other; Specify:					
WORK ENVIRONMENT	CORRECT	QUESTIONABLE	COMMENTS		
17. (00301) Work/walk surface free of obstructions	2				
18. (00306) Housekeeping/storage	2				
19. (00307) Warning devices (e.g., barricades, cones, barriers)					
20. (00308) Fire extinguisher/fire sprinkler					
21. (00311) Safety Shutdown Devices					
22. (00312) Safe working area	2				
23. (00319) Uneven/slick walking surface					
24. (00320) Adequate lighting					
25. (00322) Tipping hazard (e.g., book case, file cabinet)					
26. (00323) Potential falling objects					
27. (00327) Other; Specify:					
OPERATING PROCEDURES- GENERAL	CORRECT	QUESTIONABLE	COMMENTS		
28. (00401) LPSA/job planning/pre-job inspection	1				
29. (00408) Identification/labeling/tagging	1				
30. (00409) Work permit/authorization to work					
31. (00414) JLA/procedures followed	1				
32. (00420) Interfaces with other functions					
33. (00421) Secure/clean area when complete	1				
34. (00426) Operate forklift/motorized vehicle					
35. (00453) Container not labeled or stored					
36. (00454) Subsurface structures identified					
37. (00816) Follows site traffic procedures		1			
38. (00456) Other; Specify:					
TOOLS/EQUIPMENT	CORRECT	QUESTIONABLE	COMMENTS		
39. (01501) Scaffolding					
40. (01502) Portable ladders (e.g., electrical duty, size, anchoring)	1	1			
41. (01505) Hand tool selection, condition and use		1			
42. (01506) Power tool selection, condition and use	1	1			
43. (01507) Equipment selection, condition and use	1	1			
44. (01556) Electrical cables/connections/grounding	1	1			
45. (01555) Other; Specify:		1			
ENVIRONMENTAL PROCEDURES	CORRECT	QUESTIONABLE	COMMENTS		
46. (01701) Proper storage/disposal of sample or waste materials					
47. (01703) Precautions taken to avoid environmental damage		+			
48. (01707) Other; Specify:		+			
To. (OTTOT) Outon, Opeonry.	+	+	% CORRECT/SAFE :		
	1		86.2%		
TOTAL	25	4	[(TOTAL CORRECT ÷		
IOIAL	25	1	(TOTAL CORRECT + TOTAL		
	1		QUESTIONABLE)		
			× 100]		

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Factors, Root Causes, Solutions™(FRCS)

List questionable item(s) or NLI/LI equivalent of	questionable item(s): 11. (00202) Line of	fire-correct positioning	NLI LPO
To determine root cause(s) of losses, near losses and questionable items & develop solutions to prevent recurrence, answer ALL of the following questions.	Verify there is a procedure, JLA & any pertinent SWP for this task. YES	tools/equipment are needed and how the things the tools/equipment are needed and how the tools/e	Have person give an example of how his face-to-face communication accurred/occurs consistently. Loss Prevention System™ An integrated process to maximiz business performance
Is there adequate documentation explaining how to do this task? — if conscious decision not to have documentation, verify decision and continue to Factor 2.	Factor 2 If tools are needed for task, are they available, operable, safely maintained & is there proper workplace design?	Has your supervisor consistently told you to do this task, as well as ALL tasks, according to procedures or acceptable practices?	Are you familiar with task documentation & do you know how to do task according to documentation or acceptable practices? Have person verbalize how to do task according to documentation or acceptable practices.
NO	NO	NO NO	NO
Why doesn't adequate documentation exist for this task? Identify root cause(s).	Why aren't tools available, operable, safely maintained and/or why isn't there proper workplace design? Identify root cause(s).	Why didn't this face-to-face communication occur consistently? Identify root cause(s).	Why doesn't person know how to do task according to documentation or acceptable practices? Identify root cause(s).
Positioning of workers for the SIMOPS was not properly and clearly identified for the operations. This made workers position themselves in multiple line of fire for both operations.			
Solution(s): Explain who will develop procedure, JLA, or SWP for this task (who writes, reviews, & approves, due date, etc.).	Solution(s): Explain specifically how tools will be made available, operable, safely maintained for task (who makes available, due date, etc.) and/or how workplace design will be made proper (who	Solution(s): Explain how FLS will consistently communical face-to-face with person to do this task, as well as ALL tasks, according to procedures or acceptable practices.	Solution(s): Explain how person will be shown how to do task according to documentation or acceptable practices (who will show person, due date, etc.).
FLS to properly determine all	is responsible, due date, etc.).		
line of fire and hazards			
associated to the SIMOPS			
and to be included in JLA/MS/PTT			
Continue to Factor 2.	Continue to Factor 3.	Continue to Factor 4.	Continue to Factor 5 on next page.

Factors, Root Causes, Solutions™ (FRCS)

