

## ข้อมูลผลการดำเนินงานด้านความปลอดภัยและอาชีวอนามัย <sup>(1)</sup>

GRI Standards	Required Data	Unit	Data Collection Period												
			2017			2018			2019			2020			
			Thailand	International	Global	Thailand	International	Global	Thailand	International	Global	Thailand	International	Global	
GRI:403 (2018) Occupational health and Safety (OHS) Management System															
403-8	Workforce and contractor covered by SSHE Management System <sup>(2)(3)(4)</sup>	Persons	7,205	1,378	8,583	7,102	1,048	8,150	6,775	1,360	8,135	6,968	1,614	8,582	
		%	100	100	100	100	100	100	100	100	100	100	100	100	100
GRI:403 (2018) Fatalities															
403-9	Total number	Cases	0	0	0	1	0	1	0	0	0	0	0	0	
	Workforce <sup>(3)</sup>	Cases	0	0	0	0	0	0	0	0	0	0	0	0	
	Contractors <sup>(4)</sup>	Cases	0	0	0	1	0	1	0	0	0	0	0	0	
	Total number (from work-related injury)	Cases	0	0	0	1	0	1	0	0	0	0	0	0	
	Workforce <sup>(3)</sup>	Cases	0	0	0	0	0	0	0	0	0	0	0	0	
	Contractors <sup>(4)</sup>	Cases	0	0	0	1	0	1	0	0	0	0	0	0	
403-10	Total number (from work-related ill health)	Cases	0	0	0	0	0	0	0	0	0	0	0	0	
	Workforce <sup>(3)</sup>	Cases	0	0	0	0	0	0	0	0	0	0	0	0	
	Contractors <sup>(4)</sup>	Cases	0	0	0	0	0	0	0	0	0	0	0	0	
403-9	Fatal accident rate (FAR) - Workforce	Cases per million hours worked	0	0	0	0	0	0	0	0	0	0	0	0	
	Fatal accident rate (FAR) - Contractors	Cases per million hours worked	0	0	0	0.06	0	0.05	0	0	0	0	0	0	
GRI:403 (2018) Occupational Health and Safety															
403-9	Total recordable incident rate (TRIR) - Workforce <sup>(6)</sup>	Cases	5	1	6	2	3	5	6	0	6	0	0	0	
		Cases per million hours worked	0.69	0.77	0.75	0.00	2	0.59	0.81	0.00	0.64	0.00	0.00	0.00	
	Total recordable incident rate (TRIR) - Contractors <sup>(6)</sup>	Cases	4	12	16	12	4	16	9	1	10	7	3	10	
		Cases per million hours worked	0.24	2.54	0.76	0.74	1.22	0.82	0.61	0.22	0.51	0.46	0.51	0.47	
	Total recordable injury rate (TRIR) - Company and Contractor	Cases per million hours worked			0.74			0.75			0.55			0.32	
		Cases	1	0	1	0	0	0	0	0	0	0	0	0	
	Lost time injury frequency (LTIF) - Workforce <sup>(6)</sup>	Cases per million hours worked	0.14	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Cases	0	2	2	2	0	2	2	0	2	1	3	4	
	Lost time injury frequency (LTIF) - Contractors <sup>(6)</sup>	Cases per million hours worked	0.00	0.42	0.09	0.00	0.00	0.10	0.14	0.00	0.10	0.07	0.51	0.19	
		Cases per million hours worked			0.10			0.07			0.07			0.13	
	-	Severity of lost work day cases - Workforce	Average days lost per LWDC	25.00	0.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Severity of lost work day cases - Contractor <sup>(7)</sup>	Average days lost per LWDC	0.00	25.71	25.71	3.68	0.00	3.07	14.00	0.00	14.00	101.00	21.67	41.50
Severity of restricted work day cases - Workforce		Average days lost per RWDC	1.81	7.39	7.67	1.13	59.34	10.62	6.67	0.00	6.67	0.00	0.00	0.00	

GRI Standards	Required Data	Unit	Data Collection Period											
			2017			2018			2019			2020		
			Thailand	International	Global	Thailand	International	Global	Thailand	International	Global	Thailand	International	Global
	Severity of restricted work day cases - Contractor	Average days lost per RWDC	2.81	18.21	32.75	2.39	24.43	6.08	5.50	7.00	6.00	16.67	0.00	16.67
403-9	Near Miss - Workforce	Cases	9	14	23	10	17	27	16	6	22	9	1	10
	Near Miss - Contractors	Cases	16	15	31	22	15	37	39	13	52	33	17	50
GRI:403 (2018) Illness														
403-10	Total recordable occupational illness frequency (TROIF) - Workforce <sup>(8)(9)</sup>	Cases per million hours worked	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total recordable occupational illness frequency (TROIF) - Contractors <sup>(8)(9)</sup>	Cases per million hours worked	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.10	0.00	0.00	0.00
OGSD Process Safety														
OG13	Number of Tier 1 process safety events	Cases (Upstream activity)	1	0	1	1	0	1	1	1	2	0	2	2
	Number of Tier 2 process safety events	Cases (Upstream activity)	0	0	0	1	0	1	0	0	0	1	1	2
OGSD Loss of Primary Containment (LOPC)														
OG13	Loss of primary containment (LOPC) rate	Number of incidents per million work hours of drilling and production	0.06	0.00	0.05	0.12	0.00	0.11	0.06	0.25	0.09	0.05	0.56	0.16
- Transportation Safety														
-	Mode of travel and Transportation	Cases	0	0	0	1	0	1	1	0	1	1	0	1
	Motor Vehicle Incident	Cases	0	0	0	0	0	0	1	0	1	1	0	1
	Marine Vessel Incident	Cases	0	0	0	1	0	1	0	0	0	0	0	0

**Remarks:**

- <sup>(1)</sup> International column includes Malaysia, Myanmar, Canada, Indonesia (Malunda project), Algeria and Brazil.
- <sup>(2)</sup> SSHE management system includes Head office, Greater Bongkot North (GBN), Greater Bongkot South (GBS), Arthit (ART), S1, Suphanburi, Sinphuhom, Petroleum Development Support Base in Songkhla and Ranong (PSB and RSB), G1, G2, Malaysia, Myanmar, Canada, Indonesia (Malunda project), Algeria and Brazil.
- <sup>(3)</sup> Workforce means employees and supervised workers of PTTEP (PTTEP Services Limited).
- <sup>(4)</sup> Contractor means an individual or a company carrying out work under the supervision, instructions and SSHE Management System of PTTEP or subsidiaries within the reporting boundary.
- <sup>(5)</sup> Total recordable occupational illness frequency (TROIF) includes work-related ill health that results in fatality (FAT), days away from work (LTI), restricted work or transfer to another job (RWDC), and medical treatment case (MTC).
- <sup>(6)</sup> Most frequent types of work related Injuries are cut/puncture, abrasion, crush and muscle strain.
- <sup>(7)</sup> Number of average days lost per LWDC for Thailand-Contractor is 101 days, updated as of 09 February 2021 and it's still counting.
- <sup>(8)</sup> There is no recordable work-related ill health case in 2020.
- <sup>(9)</sup> Revised number of work-related ill health and Total recordable occupational illness frequency (TROIF) data in 2019.