



PCS Pte. Ltd.



Annual PCS-Contractors HSE Meeting 2025

Review of HSE Performance for 2024

Ms Tan Peck Luan
Senior HSE Officer

22 January 2025



Review of HSE Performance



Review of HSE Performance



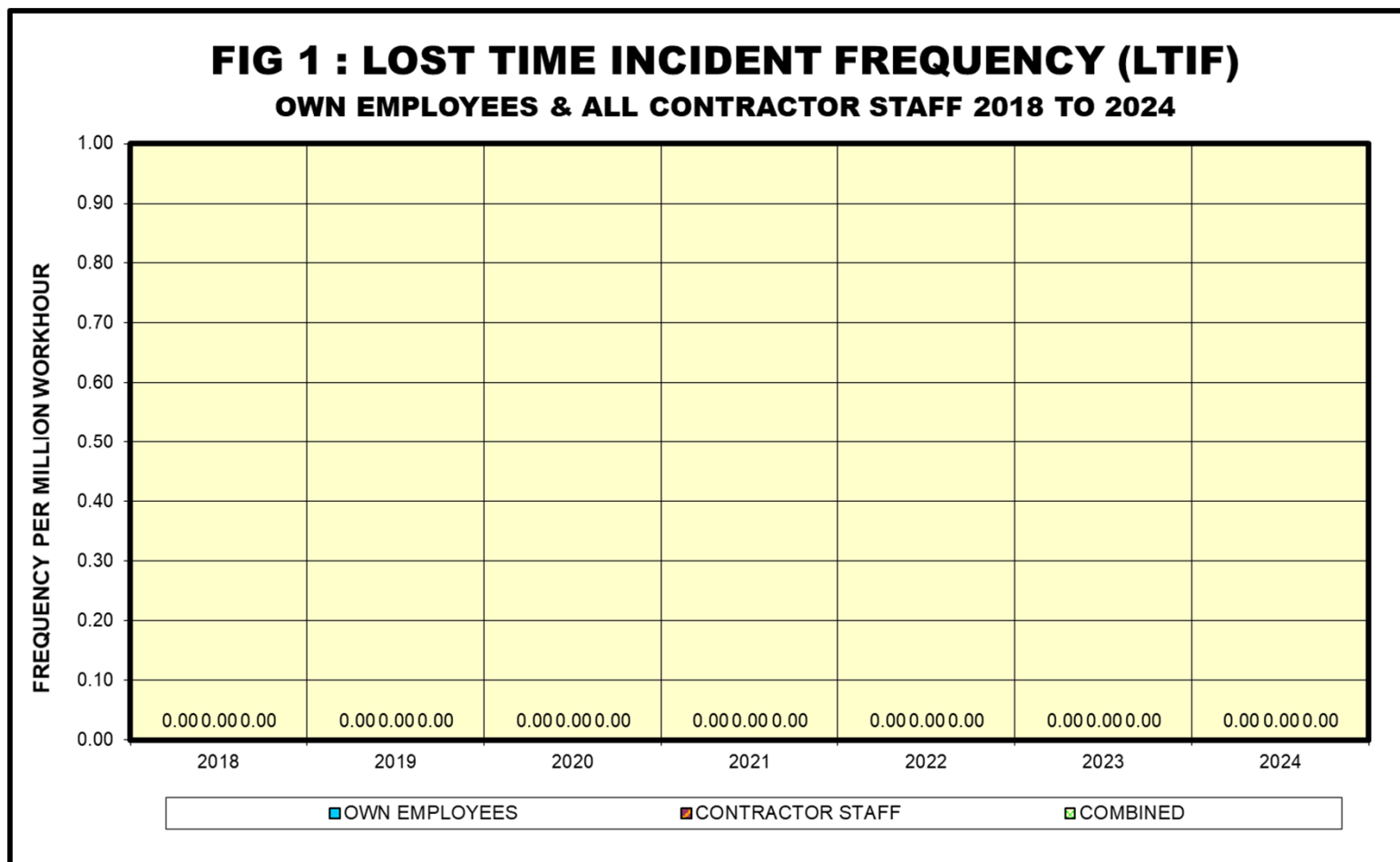


1. Safety & Environmental Performance

| 2024 | PCS | Contractors | Combined |
|---------------------------------------|-----|-------------|----------|
| Lost Time Incident | 0 | 0 | 0 |
| Restricted Workday Case | 0 | 0 | 0 |
| Medical Treatment Case | 0 | 0 | 0 |
| First Aid Case | 0 | 0 | 0 |
| Plant Equipment and Facility Incident | 9 | 0 | 9 |
| Near Miss Incident | 139 | 187 | 326 |

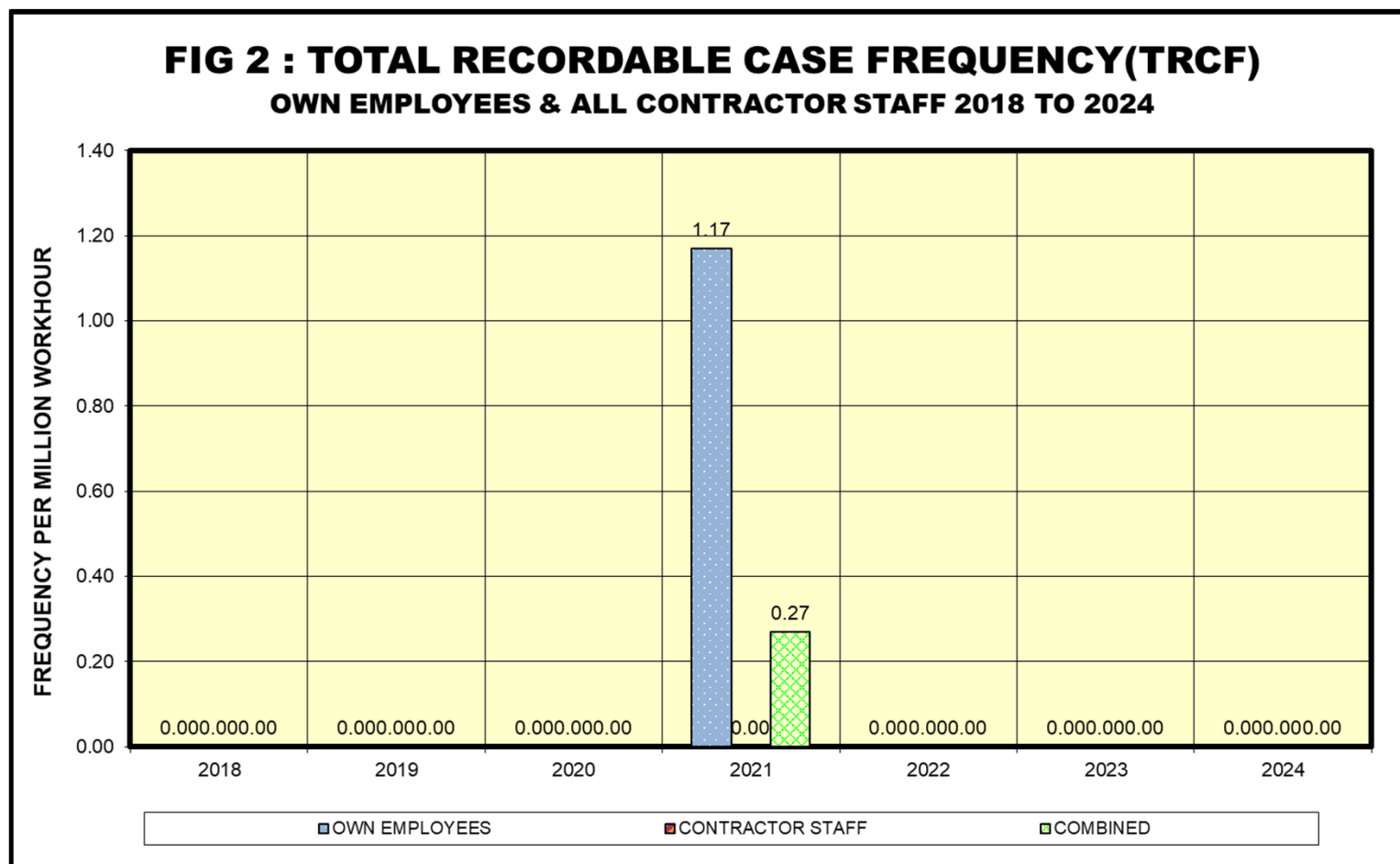
1. Safety & Environmental Performance

(a) Lost Time Incident Frequency [LTIF]



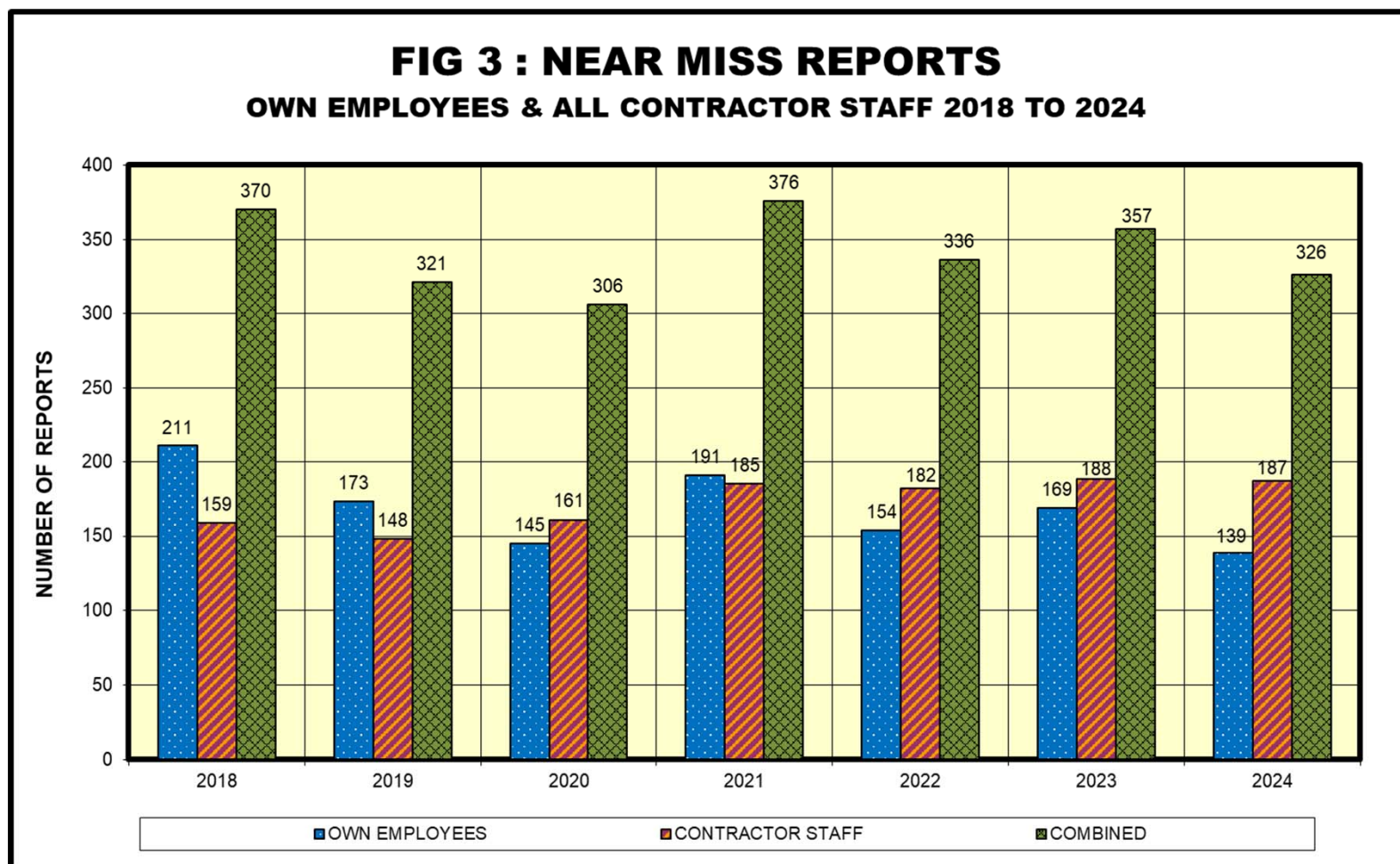
1. Safety & Environmental Performance

(b) Total Recordable Case Frequency [TRCF]



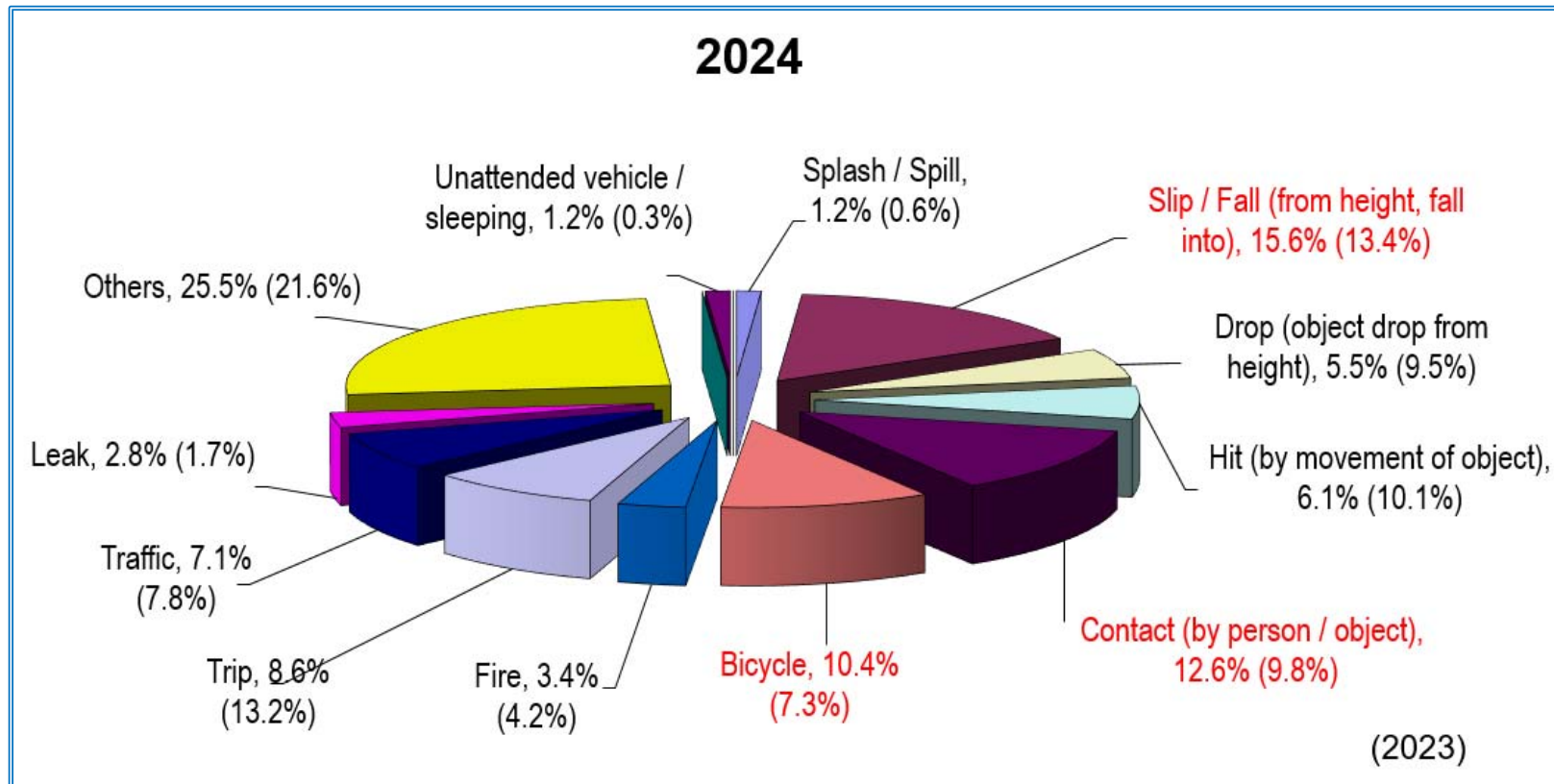
1. Safety & Environmental Performance

(c) Near Miss Incidents



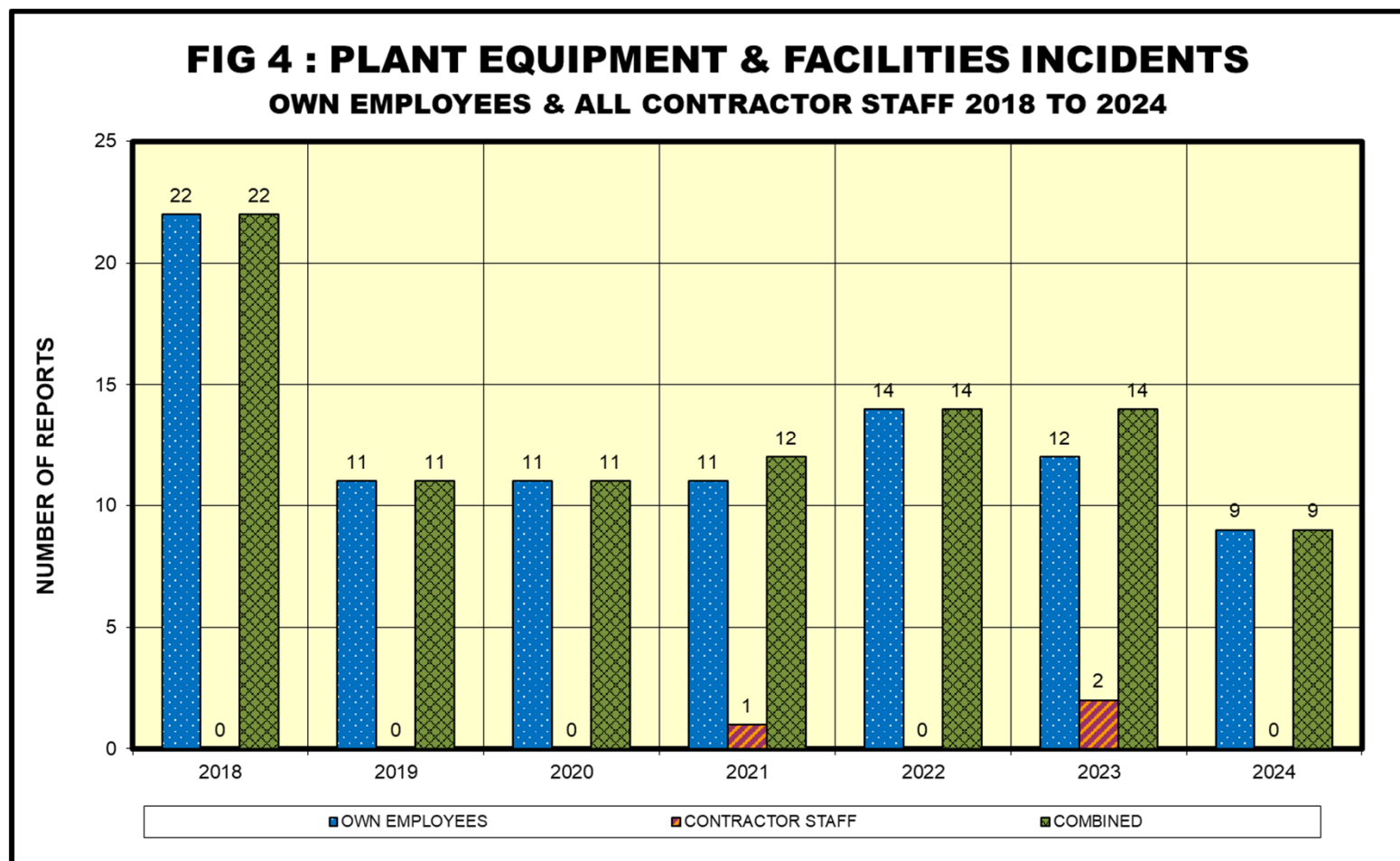
1. Safety & Environmental Performance

(d) Nature of Near Miss Incidents



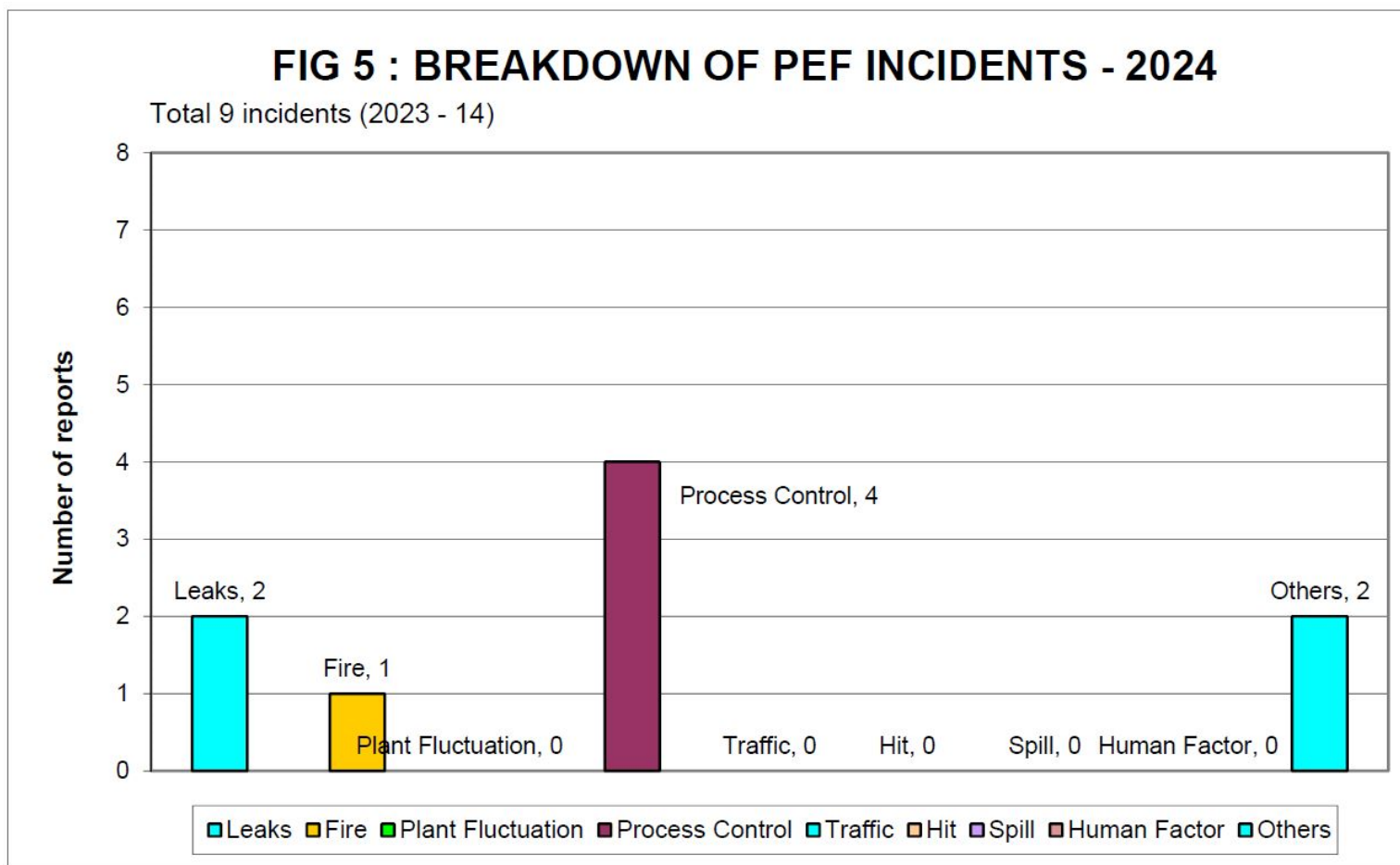
1. Safety & Environmental Performance

(e) Plant Equipment / Facilities Incidents [PEF]



1. Safety & Environmental Performance

(f) Breakdown of PEF incidents

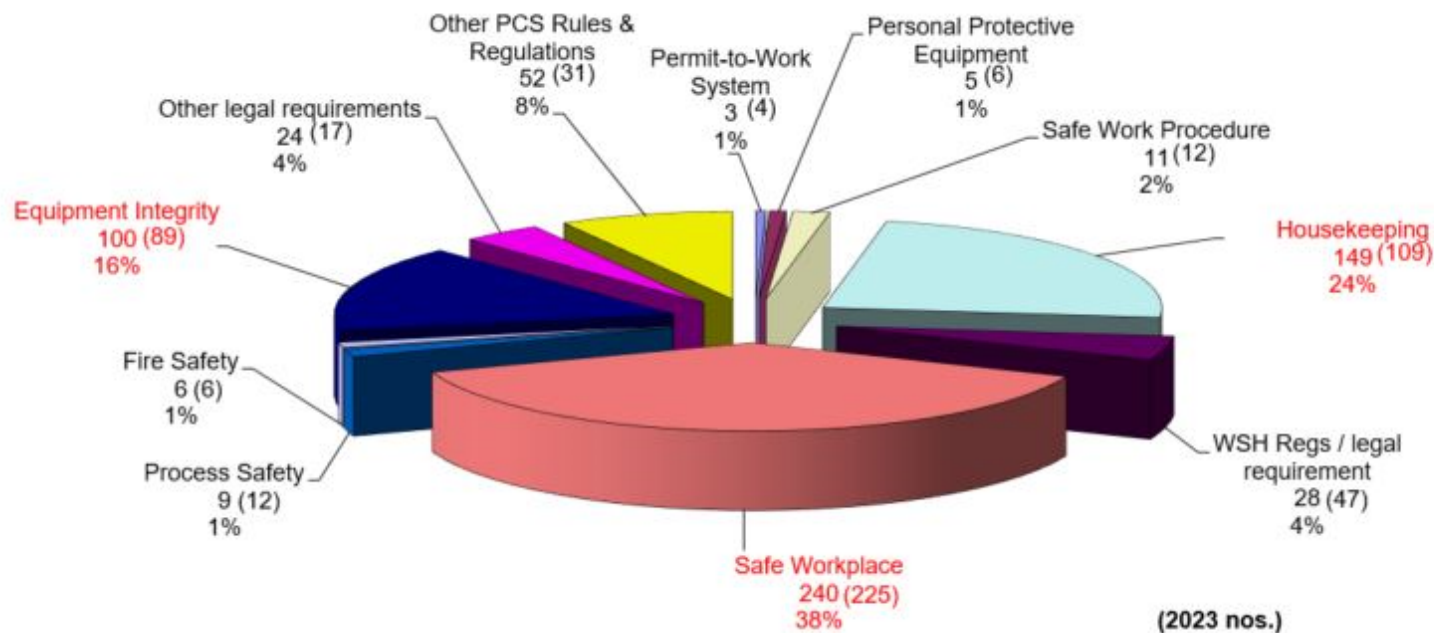


1. Safety & Environmental Performance

(g) Nature of Observations/Violation/Breaches - 2024

FIG 6 : NATURE OF OBSERVATIONS/VIOLATIONS/BREACHES - 2024
(HSEO site visit)

Total 627 observations (2023 - 561)



1. Safety & Environmental Performance

(h) Environmental Performance

- No major environmental incident in PCS
- Meeting National Environment Agency limits on air emissions and trade effluent discharge



Review of HSE Performance



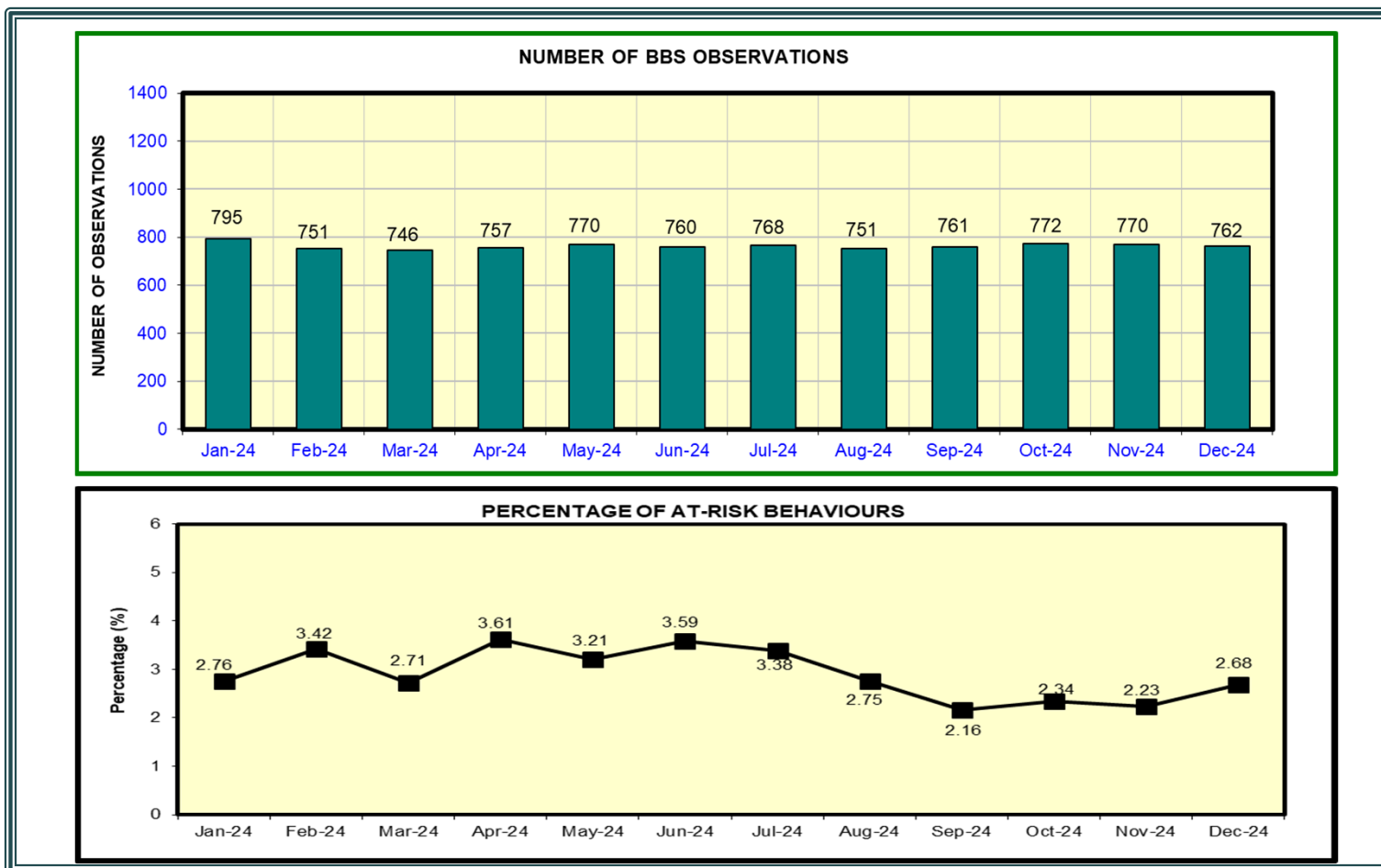
2. Behaviour Based Safety (BBS) Activities



- a. BBS Observations
- b. Nature Of Behaviour Based Safety Observation
- c. Monthly Exemplary Safe Staff / Worker Role Model
- d. BBS TRUsT Champion Award
- e. BBS 20 years celebration
- f. New BBS instructional and training video

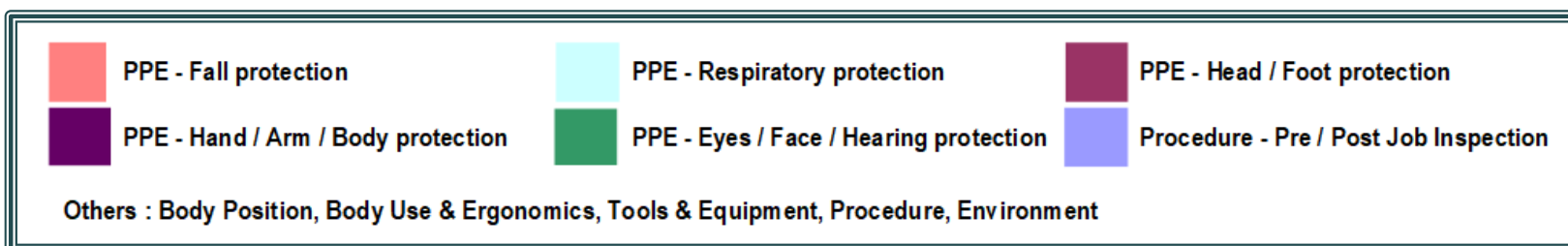
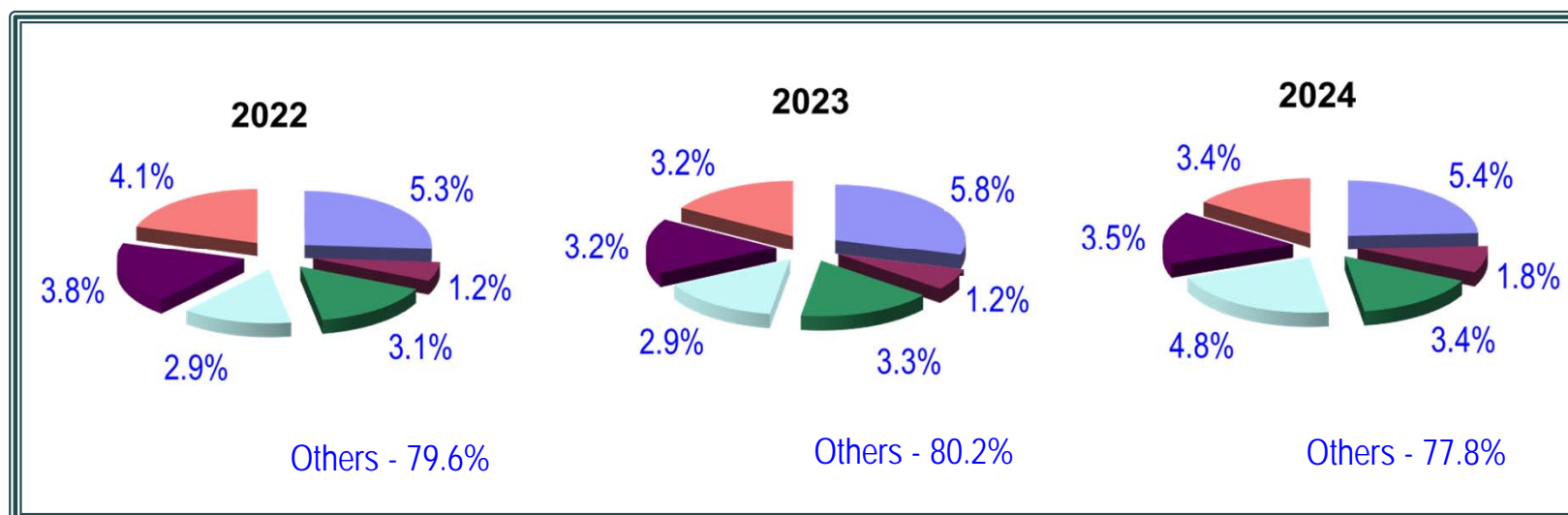
2. Behaviour Based Safety (BBS) Activities

(a) BBS Observations



2. Behaviour Based Safety (BBS) Activities

(b) Nature Of Behaviour Based Safety Observation





2. Behaviour Based Safety (BBS) Activities

(c) Monthly Exemplary Safe Staff / Worker Role Models

- ❑ Started since June 2015
- ❑ Each month, a PCS staff and a contractor worker will be selected by the BBS Steering Committee for demonstrating safe and good work behaviour and practices
- ❑ These role models will each receive a token appreciation of S\$50 and acknowledged accordingly on our notice boards and LCD media displays

2. Behaviour Based Safety (BBS) Activities

(c) Monthly Exemplary Safe Staff / Worker Role Models



BBS EXEMPLARY SAFE STAFF / WORKER ROLE MODEL

DECEMBER 2024

**Congratulations to
our Role Models for
their positive
behaviour and safe
work attitude
demonstrated!**



**MR STEPHAN SAGARAG
TECHNICIAN-I
OLEFIN-I**

Before performing any task, I inspect the work area to ensure the area has sufficient space to perform the task, sufficient lighting and there is no other conflicting work.

[CBI 4.4] Pre-Post Job Inspection



**MR MUSKU SATHYANARAYANA REDDY
SUPERVISOR
LAI WOON PROCESS PTE. LTD.**

As a supervisor, I ensure that all my workers put on the correct PPE, such as P95 or R95 respirator for painting. I also ensure that housekeeping is done after work is completed.

[CBI 5.3] Respiratory Protection
[CBI 6.2] Housekeeping















2. Behaviour Based Safety (BBS) Activities

(c) Monthly Exemplary Safe Staff / Worker Role Models

| JANUARY | | FEBRUARY | | MARCH | |
|--|--|---|--|--|--|
|  |  |  |  |  |  |
| MR MOHD ASHMI LEAD TECHNICIAN OLEFIN-II | MR PALANI SANKAR GENERAL WORKER HOLCAM CONSTRUCTION PTE LTD | MR EUGENE KOH SUPERVISOR MAINTENANCE | MR KANNUSAMY SARAVANAN SCAFFOLDER HAI LECK ENGINEERING (PRIVATE) LIMITED | MR DESMOND KOH LEAD TECHNICIAN QUALITY CONTROL | MR PATRA SUBRATA INSULATION WORKER FOSTER ASIA PACIFIC PTE LTD |
| APRIL | | MAY | | JUNE | |
|  |  |  |  |  |  |
| MR TAN KAY CHUAN SENIOR LEADING FIREMAN FIRE & SECURITY | MR KYAW SOE SUPERVISOR MEISEI INTERNATIONAL PRIVATE LIMITED | MS SER XIU LING SENIOR ADMIN ASSISTANT BUSINESS DEVELOPMENT & PLANNING | MR LOW KING CHING ELECTRICIAN SHOWA DENKI (SINGAPORE) CO. PTE. LTD. | MR MUHD RAFNEEZAN BIN NOORDIN LEAD TECHNICIAN OLEFIN-I | MR MAHMOOD MATHEEN SITE TECHNICIAN YOKOGAWA ENGINEERING ASIA PTE LTD |


2. Behaviour Based Safety (BBS) Activities

(c) Monthly Exemplary Safe Staff / Worker Role Models


| JULY | | AUGUST | | SEPTEMBER | |
|--|--|---|--|--|--|
|  |  |  |  |  |  |
| MR NARAYAN LEE SENIOR TECHNICIAN OLEFIN-II | MR SAVARIRAJ SEBASTIANRAJ HYDRO JETTER TRIDENT HYDRO JETTING PTE LTD | MR SPENCER WONG SUPERVISOR MAINTENANCE | MR MUTHAIAH VIJAYAKUMAR ELECTRICIAN KURIHARA KOGYO CO., LTD. | MS SRI ZULAIKHA SENIOR TECHNICIAN QUALITY CONTROL | MR MINHAZ UDDIN GENERAL WORKER A+ ENGINEERING PTE. LTD. |
| OCTOBER | | NOVEMBER | | DECEMBER | |
|  |  |  |  |  |  |
| MR REDZWAN BIN MOHD ROZALI SENIOR LEADING FIREMAN FIRE & SECURITY | MR HOSSAIN MOHD AKBER SUPERVISOR KYC SCAFFOLDING PTE.LTD. | MR ANG RONG HUA OFFICER FEEDSTOCK PROCUREMENT | MR ARUNATHAN THOMAS RAJ GENERAL WORKER VORTEX ENGINEERING PTE.LTD. | MR STEPHAN SAGARAG TECHNICIAN OLEFIN-I | MR MUSKU SATHYANARAYANA REDDY SUPERVISOR LAI WOON PROCESS PTE.LTD. |

2. Behaviour Based Safety (BBS) Activities

(d) BBS TRUsT 2023/2024 Top Champion Award




Quality BBS Observation



| | |
|----------------------------------|-----------------------------|
| CBI 3.1: Selection and Condition | Name of Champion: Andy Chee |
| Date: 01 June 2023 | Function: Olefin-II |
| Time: 1015 hrs | Location: Zone 2C |


Photo of At-risk Behaviour




Observation

| | |
|---------------------------|--|
| While (Task): | Switching of strainer during rain |
| Was (At-Risk): | Was holding umbrella while operating valve. |
| Because (Barrier): | Unable to find his personal raincoat. |
| Intervention: | Advised to get a spare raincoat instead of using umbrella. |


Photo after intervention



Note: The behaviours depicted in this submission are for learning purposes only. No disciplinary actions will be taken against the workers. Apr 2024




Quality BBS Observation



| | |
|------------------|---------------------------------------|
| CBI 3.2: Use | Name of Champion: Andy Chee Guo Liang |
| Date: 08.09.2023 | Function: Olefin-II |
| Time: 1100hrs | Location: Along Ave D |


Photo of At-risk Behaviour



Observation

| | |
|---------------------------|--|
| While (Task): | Cycling along Ave D outside security checkpoint. |
| Was (At-Risk): | Not stopping on stop line and zooming pass the pedestrian walking on zebra crossing. |
| Because (Barrier): | He was late for work and hurry to reach the work place fast. |
| Intervention: | Advise the cyclist to slow down at zebra crossing, look out for pedestrian and give way to pedestrian on zebra crossing. |

Photo after intervention



Note: The behaviours depicted in this submission are for learning purposes only. No disciplinary actions will be taken against the workers. Apr 2024

2. Behaviour Based Safety (BBS) Activities

(d) BBS TRUsT 2022/2023 Top Champion Award



Mr Andy Chee, Olefin-II

2. Behaviour Based Safety (BBS) Activities

(e) BBS 20 years celebration

- Launched on 16 Aug 2004
- Celebrated 20th year anniversary on 18 Sep 2024



2. Behaviour Based Safety (BBS) Activities

(e) BBS 20 years celebration



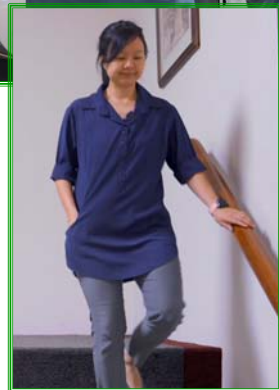
2. Behaviour Based Safety (BBS) Activities

(f) New BBS instructional and training video



2. Behaviour Based Safety (BBS) Activities

(f) New BBS instructional and training video



2. Behaviour Based Safety (BBS) Activities

(f) New BBS instructional and training video



Review of HSE Performance



3. Safety Performance Awards

(a) Contractors Safety Set Target (CSST)

- Award is given to the Direct Contractor Company which achieved a One Year Lost Time Incident Free record while working in PCS
- Bonus Award given for achieving consecutive 3rd, 5th, 7th, 9th, 12th and every 3-yearly thereafter
- Commemorative plaques and monetary rewards given for the bonus award

3. Safety Performance Awards

Contractor Companies awarded Commemorative Certificate for 2024

| S/N | Company | S/N | Company |
|-----|---|-----|--|
| 1 | PCS Complex Contractors Association | 8 | Hai Leck Engineering (Private) Limited |
| 2 | A+ Engineering Pte. Ltd. | 9 | Holcam Construction Pte Ltd |
| 3 | Aetos Security Management Pte. Ltd. | 10 | Ikari Services Pte Ltd |
| 4 | Archiplast Engrg Services & Modelling | 11 | Kurihara Kogyo Co., Ltd. |
| 5 | Asahi Kokusai Techneion Singapore Pte. Ltd. | 12 | KYC Scaffolding Pte. Ltd. |
| 6 | ComfortDelGro Bus Pte. Ltd. | 13 | Lai Woon Process Pte. Ltd. |
| 7 | Foster Asia Pacific Pte Ltd | 14 | Loh Kim Chay Marine Service |

3. Safety Performance Awards

Contractor Companies awarded Commemorative Certificate for 2024

| S/N | Company | S/N | Company |
|-----|---|-----|---|
| 15 | Long Wei Construction & Engineering Works Pte. Ltd. | 22 | Singapore Takada Industries Private Limited |
| 16 | Meisei International Private Limited | 23 | The Wok People Pte. Ltd. |
| 17 | Prowess Engineering Design and Services | 24 | Trident Hydro Jetting Pte Ltd |
| 18 | PSM Aircon & Engineering Pte. Ltd. | 25 | Vindes Engineering Pte Ltd |
| 19 | Sankyu (Singapore) Pte Ltd | 26 | Vortex Engineering Pte. Ltd. |
| 20 | Setsco Services Pte Ltd | 27 | Yokogawa Engineering Asia Pte Ltd |
| 21 | Showa Denki (Singapore) Co. Pte. Ltd. | | |

3. Safety Performance Awards

Contractor Companies awarded CSST Bonus Award for 2024

| | HOLCAM CONSTRUCTION PTE LTD | MEISEI INTERNATIONAL PRIVATE LIMITED | SHOWA DENKI (SINGAPORE) CO. PTE. LTD. |
|-----------------------------|---|---|---|
| Award |  |  |  |
| Category | 1 | 1 | 2 |
| Years worked without LTI | 27 | 36 | 36 |
| Cheque amount | \$1000 | \$1000 | \$500 |

Category 1 – monthly work hours \geq 6000 hours

Category 2 – monthly work hours \geq 1000 hours but $<$ 6000 hours

Category 3 – monthly work hours $<$ 1000 hours

3. Safety Performance Awards

Contractor Companies awarded CSST Bonus Award for 2024

| | A+ ENGINEERING PTE. LTD. | LAI WOON PROCESS PTE. LTD. | VORTEX ENGINEERING PTE. LTD. |
|--------------------------|---|---|---|
| Award |  |  |  |
| Category | 1 | 2 | 2 |
| Years worked without LTI | 9 | 3 | 3 |
| Cheque amount | \$500 | \$250 | \$250 |

Category 1 – monthly work hours \geq 6000 hours

Category 2 – monthly work hours \geq 1000 hours but $<$ 6000 hours

Category 3 – monthly work hours $<$ 1000 hours



3. Safety Performance Awards

(c) Long Service Award

- Award is given to Contractor Site Manager and HSE personnel, including those involved in administration and training activities
- Active participation in PCCA / PCC HSE activities
- Every 5, 10, 15 and 20 years of service

3. Safety Performance Awards - Long Service Award



Mr. LAWRENCE TOH
VinDes Engineering Pte Ltd
15 years of dedicated service in 2024



Mr. JAMES SUM
VinDes Engineering Pte Ltd
15 years of dedicated service in 2024



Mr. S. SIVANANTHAM
Sankyu (Singapore) Pte Ltd
10 years of dedicated service in 2024

3. Safety Performance Awards - Long Service Award



Mr. ALSON WONG
Hai Leck Engineering (Private) Limited
5 years of dedicated service in 2024



Mr. KENT CHING
Lai Woon Process Pte. Ltd.
5 years of dedicated service in 2024



Mr. NAY LIN OO
Meisei International Private Limited
5 years of dedicated service in 2024



Mr. S. ARIVAZHAGAN
Trident Hydro Jetting Pte Ltd
5 years of dedicated service in 2024

Review of HSE Performance

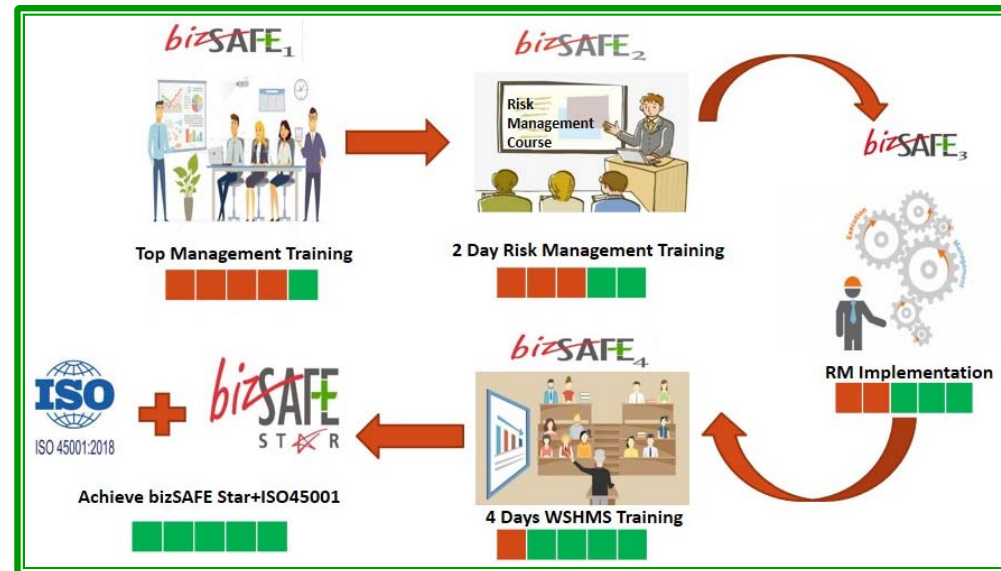


4. WSHC *bizSAFE* Programme



- PCS was a bizSAFE Mentor since 2011
- In Sep 2024, PCS was appointed as a WSH Advocate
- All bizSAFE Mentors will be transitioned to WSH Advocates by Oct 2026

bizSAFE 5-Steps Programme



- All contractor companies to be certified to at least *bizSAFE Level 3* before allowed to work in PCS
- Most of our in-house contractor companies are at *Level Star*, while four of them are *bizSAFE Partners*

4. WSHC *bizSAFE* Programme



| PCS Maintenance Contractors bizSAFE Certification | | | | | | | |
|---|--|---------------|-------------|-----|---|---------------|-------------|
| S/N | Company | bizSAFE level | Expiry date | S/N | Company | bizSAFE level | Expiry date |
| 1 | Hai Leck Engineering (Private) Limited | Partner | 06 Aug 2026 | 11 | Meisei International Private Limited | Level Star | 04 Aug 2025 |
| 2 | Kurihara Kogyo Co., Ltd. | Partner | 15 Feb 2025 | 12 | Prowess Engineering Design and Services | Level Star | 20 Jun 2025 |
| 3 | Sankyu (Singapore) Pte Ltd | Partner | 17 Aug 2025 | 13 | PSM Aircon & Engineering Pte. Ltd. | Level Star | 18 Oct 2027 |
| 4 | Trident Hydro Jetting Pte Ltd | Partner | 23 Apr 2025 | 14 | Setsco Services Pte Ltd | Level Star | 16 Dec 2026 |
| 5 | A+ Engineering Pte. Ltd. | Level Star | 08 May 2027 | 15 | Showa Denki (Singapore) Co. Pte. Ltd. | Level Star | 25 Oct 2027 |
| 6 | Asahi Kokusai Technion Singapore Pte. Ltd. | Level Star | 12 Sep 2026 | 16 | Singapore Takada Industries Private Limited | Level Star | 22 Feb 2026 |
| 7 | Foster Asia Pacific Pte Ltd | Level Star | 30 Oct 2027 | 17 | VinDes Engineering Pte Ltd | Level star | 10 May 2025 |
| 8 | Holcam Construction Pte Ltd | Level Star | 18 Aug 2025 | 18 | Vortex Engineering Pte Ltd | Level Star | 01 Jun 2026 |
| 9 | KYC Scaffolding Pte. Ltd. | Level Star | 06 Dec 2025 | 19 | Yokogawa Engineering Asia Pte Ltd | Level Star | 29 Nov 2025 |
| 10 | Lai Woon Process Pte Ltd | Level Star | 04 Sep 2026 | | | | |

*** PCS Maintenance Sub-Contractors also must be at least bizSAFE level 3 Certification.**

4. WSHC *bizSAFE* Programme



| Service Contractors bizSAFE Certification | | | | |
|---|---|--------------------|---------------|-------------|
| S/N | Company | Function in-charge | bizSAFE level | Expiry date |
| 1 | AETOS Security Management Pte. Ltd. | Fire & Security | Level Star | 10 Mar 2026 |
| 2 | Archiplast Engrg Services & Modelling | Engineering | Level Star | 09 Feb 2026 |
| 3 | ComfortDelGro Bus Pte. Ltd. | HR & Admin | Level Star | 07 Mar 2027 |
| 4 | Ikari Services Pte Ltd | HR & Admin | Level Star | 10 Dec 2025 |
| 5 | Loh Kim Chay Marine Service | Olefin-I | Level Star | 18 Jul 2027 |
| 6 | Long Wei Construction & Engineering Works Pte. Ltd. | Engineering | Level Star | 14 Jan 2026 |
| 7 | The Wok People Pte. Ltd. | HR & Admin | Level Star | 14 Feb 2025 |

Review of HSE Performance



5. HSE Achievements in 2024

(a) 20 years without Lost Time Incident (LTI)

Achieved 20 years without LTI on 11 March 2024.



5. HSE Achievements in 2024

(b) 60 million hours worked without LTI

Achieved 60 million hours worked without LTI on 30 July 2024.



5. HSE Achievements in 2024

(c) 60 million hours worked without LTI



5. HSE Achievements in 2024

(b) 60 million hours worked without LTI

Achieved 60 million hours worked without LTI on 30 July 2024.





5. HSE Achievements in 2024

(d) Responsible Care[®] Award

PCS was awarded the Responsible Care Leadership Award for achieving the Excellence Award for all 7 codes of management practices

- to recognise companies who have attained the Excellence Award for three consecutive years for all codes relevant to their business
- Leadership Award for the 9th successive year since year 2014

5. HSE Achievements in 2024

(d) Responsible Care® Award



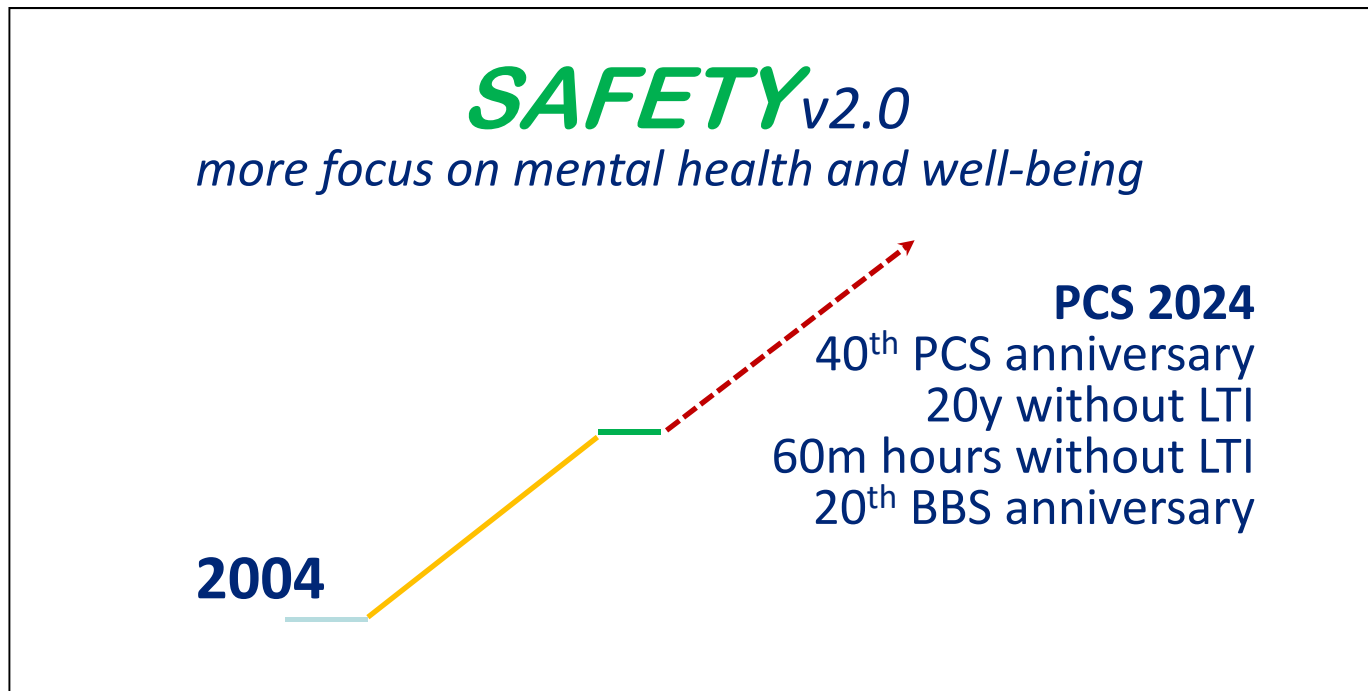
Award ceremony held on 26 April 2024

Review of HSE Performance



6. Next Safety Performance Target

Every One Matters





THANK YOU

SAFETY v2.0
every one matters

