

January 2026

Environmental, Safety & Security Sequential Safety Meeting



ANACORTES REFINERY

ESS Safety Metrics



DSA Eligible	OSHA rec	ORIR	AFPM 1a/1p	H2S >50 ppm	PSE 1/2	DEI 3/4	Permit deviations
	3	0.24	0/6	3	0/0	1/2	28
	-	0.30	3	≤ 3	≤ 3	≤ 1	34

• **ORIR:** OSHA Recordable Injury

• **Anacortes**

- 1 – Debris in eye needing prescription eye drops
- 1- Sprained wrist requiring medical treatment.
- 1 – Fractured ankle.

• **PSE:** Process Safety Event, refer to R-12-007

• **DEI:** Designated Environmental Incident, refer to R-13-027

• **AFPM 1a: Actual Incident** - serious injury that caused a fatality, hospitalization, or other life-altering event.

• **AFPM 1p: Potential Incident** - an incident with the potential for fatality, hospitalization, or other life-altering event, including near misses.

• **Anacortes**

- 1p - Fall Protection Not Utilized
- 1p - HVAC Electrical Spark
- 1p – GFCI Electrical Shock
- 1p – Grating/Handrail Removal Fall Hazard
- 1p – Energy Isolation Verification
- 1p- H2S alarm greater than 100ppm.



Start Safe and Stay Safe: Tool Room Equipment



Availability of breathing air equipment is vital to ensuring personnel safety. For accountability reasons, different policies apply to different groups. To ensure understanding, please review the training that best applies to you.

**PLEASE CLICK THE BUTTON MOST
APPROPRIATE FOR YOUR GROUP**

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OPERATIONS

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All SCBAs in each unit are now labeled based on their location.

C – Zone C
WHF – Unit (Wharf)
01 – Pack number

An identical label will be on the front of each pack's home locker.

Spare bottles from the tool room are labeled OP SPARE.

These labels ensure used or displaced bottles are returned to their appropriate location to ensure maximum availability.



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After a bottle is expended, it should be brought to the toolroom for recharging. Packs and bottles should remain connected.

During normal hours, packs that cannot be charged immediately can be swapped for spare packs.

After hours, packs should be placed on the cart to the right of the door and be appropriately tagged. A spare pack can be used until the bottle can be recharged.



OPERATIONS

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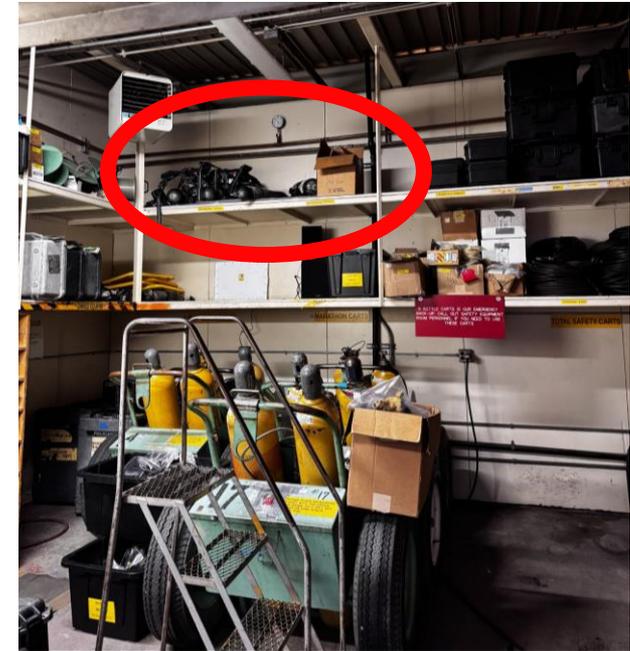


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In the event a bottle cannot be immediately recharged, or during after-hours, a spare pack and mask can be taken until the original pack and mask can be returned.

Spare operator packs are located on the back wall of the equipment room, on a shelf labeled "OPERATIONS Extra". These are the only packs allowed to replace unit packs. Spare masks are located next to the packs.

Once the original pack is ready, the Total Safety representative will coordinate with the owning unit/zone to return the pack and spare. Knowing the pack's origin makes this process quicker and easier.



OPERATIONS

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In the future, after-hours access will be restricted to supervisors. Badge readers are located next to both entrances to the tool room.

When dropping off equipment after hours, it may take time to restore the equipment. Follow up with Total Safety personnel as needed.

If there are ever any issues or concerns regarding SCBA equipment, contact your personal safety representative or Dan Savela at DCSavela@marathonpetroleum.com or ext. 139



MAINTENANCE

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After a bottle is expended, it should be brought to the toolroom for recharging.

After hours, packs should be placed on the cart to the right of the door and be appropriately tagged. Spare equipment can be found inside and must be appropriately signed out.

When turning in defective equipment, it is important to properly label the equipment with a detailed description of the defect so that it can be removed from service and repaired.



MAINTENANCE

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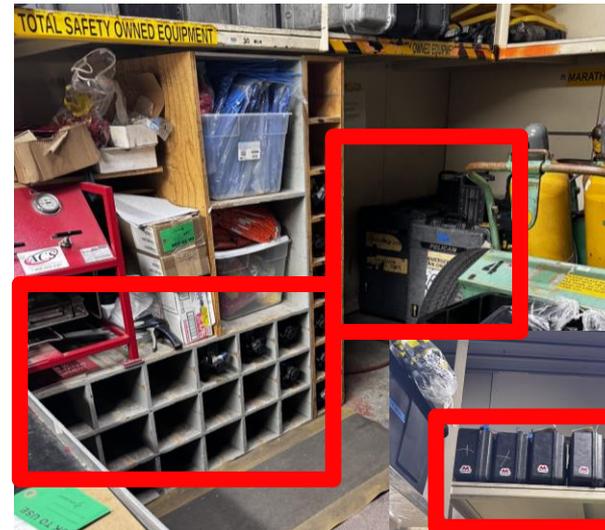


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Spare breathing air equipment can be found along the wall to the left of the door.

Only equipment designated for maintenance personnel should be taken. For example, 5 minute packs on the top shelf are labeled with the Marathon M.

Avoid taking equipment designated for operator use or owned by Total Safety.



MAINTENANCE

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Only green bottle carts can be used by Marathon employees.

These carts have fittings that require a knob be twisted in the direction of the arrow to be removed. If the knob does not spring back after rotating, return to Total Safety.



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In the future, after-hours access will be restricted to maintenance and operations supervisors. Badge readers are located next to both entrances to the tool room.

If there are ever any issues or concerns regarding breathing air equipment, contact your personal safety representative or Dan Savela at DCSavela@marathonpetroleum.com or ext. 139



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In the future, after-hours access will be restricted to supervisors. Badge readers are located next to both entrances to the tool room.

If there are ever any issues or concerns regarding breathing air equipment, contact your personal safety representative or Dan Savela at DCSavela@marathonpetroleum.com or ext. 139



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Defective equipment received from the tool room should be turned in to a Total Safety representative as soon as possible. In the event the tool room is closed and a representative is not available, the equipment should be left on or near the cart next to the door.

A tag must be attached to the equipment identifying the issue in as much detail as possible to ensure the equipment is removed from service and repaired.



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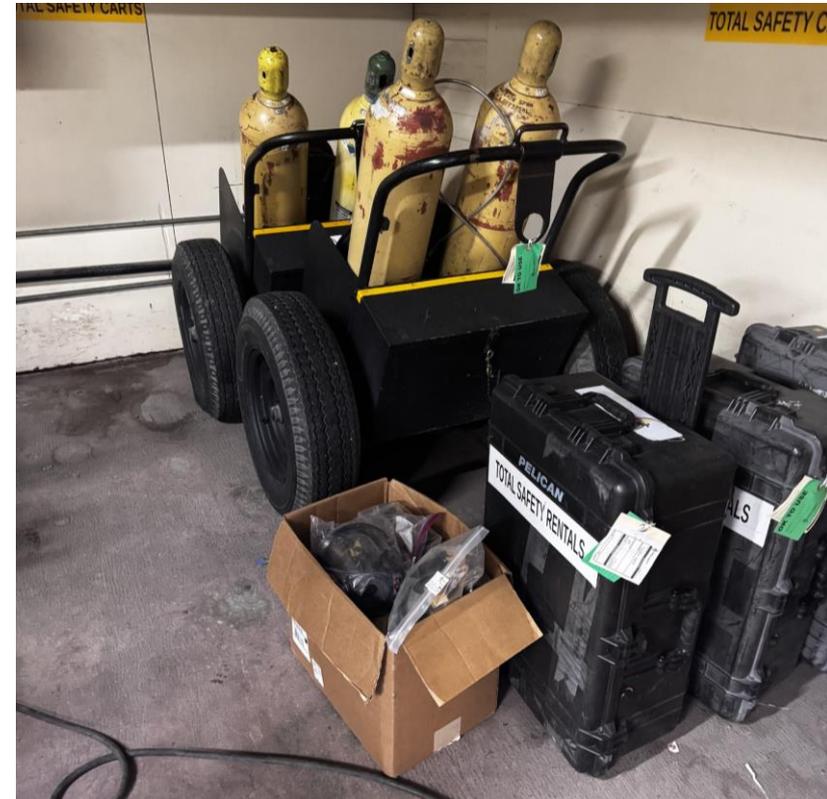
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When checking out a bottle cart, only use black and yellow carts. Green carts are for marathon use only.

Additionally, any equipment with a Marathon M on the case must not be used. Use only equipment designated as owned by Total Safety. If there is any question pertaining to authorized equipment, contact a Total Safety or Marathon Safety representative.



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Total Safety air carts have a unique connection different from carts provided for Marathon.

To disconnect these fittings, rotate the knob until the notch aligns with the pin then pull the knob down to unlatch the connection. To reconnect the fitting, insert the male end into the connector until it latches and an audible click may be heard.

If the knob does not spring away from the pin after releasing, return the hose to Total Safety for new equipment.





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If there are ever any issues or concerns regarding Total Safety equipment, contact your company's safety representative

Total Safety Representative:

Clayton Lunz

Clunz@totalsafety.com or ext. 322

After-hours: 719-505-5598

Marathon Safety Representative:

Dan Savela

DCSavela@marathonpetroleum.com or ext. 139

All SCBA masks have been upgraded to an improved design. Please be on the look out for old masks that may have been missed. Turn old masks in to Marathon Safety for a small prize.

Old Style mask



Old Style mask

- 4 straps (no top strap)
- Straps attach to inner lining (single seal)
- Nose “cup” has smaller half seal

New Style Mask



New Style Mask

- 5 straps (top strap)
- Straps attach to outer lining (double seal)
- Nose “cup” has larger full seal



Friendly Reminder from Environmental

Please keep Environmental in the loop! Give us a call, day or night for:

- Flaring/Visible Emissions
- Spills – more than one barrel of oil to ground or any amount of hazardous chemical/waste
- Any amount of oil spilled to water
- Atmospheric PSV lifts or leaks
- Non-routine discharge to the oily water sewer that could impact wastewater treatment
- Any other event that could impact air or water quality, or have offsite impacts

Thanks for reaching out to us!

Process Safety Beacon-December 2025

Loss of Primary Containment(LOPC) Events start an Incident



Process safety incidents occur in operations of all sizes, in the petrochemical industries and many other operations that handle chemicals.

One thing many process incidents have in common; they start with a Loss of Primary Containment (LOPC) event. Here are 3 past Beacons that demonstrate this fact

Corrosion can be hidden cause of LOPC. The [January 2014](#) Beacon shows how insulation can hide and promote corrosion under insulation (CUI).

Poor isolation of piping and equipment is a frequent cause of LOPC events. The Beacon from [October 2021](#) covers an incident where poor isolation fatally injured 2 people.

Releases of hazardous material can also be caused by mixing incompatible materials. The [May 2023](#) Beacon points out an example of where adding the wrong material to a tank can have huge impacts.

Did You Know?

- A Loss of Primary Containment is an unplanned or uncontrolled release of material from primary containment.
- Loss of Primary Containment events often have warning signs such as severe corrosion or terminal valves in hazardous service not capped or plugged.
- LOPC is caused by many factors other than those listed above such as: vehicle strikes, mechanical damage, vibration, mis-operation, wrong material of construction, temperature or pressure changes, among others.
- Damaged insulation allows water into the insulation and can cause CUI;
- LOPC events are preventable!

What Can You Do?

- While making rounds watch for leaks and promptly report them.
- Place barricades around leaks until the leaking material is identified and the leak is stopped.
- Report missing or damaged insulation.
- Point out leaks that occur in the same place or with the same material. They may indicate a weak point in the system or a bigger problem.
- Share LOPC events during Process Hazard Analyses (PHAs)

Anacortes-December 2025 LOPC Events

Significant Anacortes LOPC Incidents



<u>507866</u>	ANA - Gas Recovery (4)	12/31/2025	Pinhole leak discovered on Debut Feed line from the RA.
<u>503962</u>	ANA - Gas Recovery (4)	11/30/2025	PSV4463 leak by
<u>431361</u>	ANA - Tank Farm (10, 11, 12)	06/04/2024	Tk231 Mixer Seal Leak
<u>295976</u>	ANA - ROSE (55, 56, 57)	05/16/2021	E-5507 Tube Leak - Asphalt/Solvent vs. Cut Asphalt
<u>271242</u>	ANA - CFH (65)	07/13/2020	CFH 65LV6558 Bypass Packing Leak (Previous Incident #30320)

Bring It Up!!!



If there are Safety questions or concerns you wish to discuss, please bring them up!