

AAMJIWNAANG FIRST NATION

# Notification Report

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April 2018

**Wilson Plain Jr. – Emergency Management Planner**  
May 7, 2018

Report of notifications received from local industries, CVECO, Ministry of the Environment and Climate Change (MOECC) including Spills Action Centre (SAC) and MyCNN notifications.

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Incidents reported for the month of April 2018.

- 51 notifications were received
- 1 phone calls, no text messages, 4 emails and 22 CVECO notifications were received
- 1 CVECO 'Code' were issued. 21 CVECO 'Information Notices' were issued.
- 20 Aamjiwnaang Notifications were sent out (**ANS or FB**)

**Ministry of the Environment and Climate Change (MOECC) Information/Update emails received: 28**

**Community Inquiries:** No inquiries were received from community members regarding incidents near Aamjiwnaang.

Date	Time of Issue	Time of All Clear	Company	Type of Notice	Description Received	Follow-Up (if required)	ANS or FB
Apr 1	9:18 am	8:10 am Apr 3	Pembina	CVECO Information	PEMBINA PIPELINE UNIT UPSET.		
Apr 1	10:21 am	8:10 am Apr 3	Pembina	CVECO Information	XJF739 Pembina pipeline, at 4391 Highway 40, has potential for increased flaring, due to operational activities, on east side of highway 40, between Lasalle and Hill street.		
Apr 3	10:20 am		INEOS Styrolution	MOECC Update Information Email>>>	<p>Update Information E-mail for Aamjiwnaang First Nation  <b>INEOS Styrolution Spill of Process Water – Contained On Site</b>  <b>MOECC Reference Number:</b> 2104-AX3JSU  <b>Date/Time Incident Occurred:</b> March 21, 2018 at 9:45 am  <b>Date/Time Incident Reported to MOECC:</b> Mar 21/18 10:18  <b>Company name (if known):</b> INEOS Styrolution Canada Ltd.  <b>Location of Incident:</b> 872 Tashmoo Ave, Sarnia  <b>What Has occurred?</b>                      This update is for a spill that occurred on March 21, 2018. The company called the ministry's Spills Action Centre to report a spill of approximately 22 litres of water mixed with hydrocarbons from a storage tank to a contained area around the tank. The material entered the company's drain and sewer system. The sewer system is contained within the company's site. The wind direction was from the north and northeast at the time of the spill.  <b>What action is being taken?</b>                      The company hired a contractor to clean up the spilled material. The company monitored the air quality upwind and downwind of their site, along their fenceline, using handheld air monitoring equipment. There were no elevated levels of volatile organic compounds detected during the monitoring. Ministry staff inspected the site at approximately 11:07 am to gather information on the spill and the company's actions to address the spill. Ministry staff observed that the spill was contained on the company's property and being cleaned up. The company determined that the leak occurred from a valve that was being used during the transfer of tank contents. The valve was isolated and the transfer was stopped. To complete the clean-up, the company also removed some impacted soil for disposal.</p>		<b>FB</b>
Apr 3	11:50 am		Unknown	MOECC Update Information Email>>>	<p>Update Information E-mail for Aamjiwnaang First Nation  <b>Odour complaint in vicinity of Chippewa Crescent</b>  <b>MOECC Reference Number:</b> 1236-AWEH2W  <b>Date/Time Incident Occurred:</b> February 28, 2018 at 7:20 am  <b>Date/Time Incident Reported to MOECC:</b> Feb 28/18 7:50 am  <b>Company name (if known):</b> unknown  <b>Location of Incident:</b> In the vicinity of Chippewa Crescent  <b>What Has Occurred?</b></p>		<b>FB</b>

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					<p>This update is for an odour complaint that was received by the ministry on February 28, 2018. A resident contacted the ministry's Spills Action Centre to report an aerosol type of odour. The wind direction was from the south at the time of the call.</p> <p><b>What action was taken?</b> Ministry staff inspected the area at approximately 8:50 am on February 28, 2018. Ministry staff conducted air quality monitoring for volatile organic compounds and checked for odours at 14 locations south of the area of the odour complaint and further east. A range of odours could be slightly detected at various locations that could be described as resembling isopropyl alcohol, combustion, gasoline or fish-like. Air quality monitoring showed a low level detection of volatile organic compounds near the entrance of a facility. Additional monitoring in the area of the entrance could not confirm the presence of volatile organic compounds. Winds were shifting at the time of the monitoring but were generally from the southwest.</p> <p>The air monitoring station located on Aamjiwnaang First Nation showed a higher reading for benzene between 4:00 am and 9:00 am on February 28, 2018. The air monitoring station was located further east of the location of the odour complaint and the levels detected at the air monitoring station would have been below the threshold for odours to be noticed. The ministry confirmed that there were no spills or changes in operating conditions reported by area industries on February 27 or 28, 2018. The source of the odour reported by the complainant on February 28, 2018 could not be confirmed.</p> <p><b>Other Agencies/Parties responding:</b> No other agencies.</p> <p><b>Updates Expected?</b> No further updates expected.</p>		
Apr 3	1:41 pm		Suncor	CVECO Information	information for Suncor they will be conducting a period of planned maintenance from 3apr to 01jun 2018 periods of visible flaring and increased noise are possible during this time		ANS
Apr 3	2:56 pm		Suncor	Email	<p>I wanted to let you know that I recorded the following message to the CAER Line this afternoon: "The Suncor Sarnia refinery will be conducting a period of planned maintenance that is scheduled to run from April 3–June 1, 2018. Periods of visible flaring and increased noise are possible during this time". This message will be re-recorded on a regular basis between now and June 1.</p> <p>Since there is a variety of activity taking place over the next eight weeks or so related to our Turnaround, we submitted one main notification to both CVECO and SAC to limit the potential for confusion or miscommunication. I wanted to share this approach with you to ensure you were aware of our plans. Of course, we will continue to update information as necessary.</p> <p>As previously communicated, we are now using our alternate flare for the duration of our Turnaround. Shut down activities are scheduled to begin next weekend, but I will send a reminder note ahead of that work.</p> <p>Please let me know if you have any questions, Jennifer Johnson</p>		
Apr 4	5:30 am		Suncor	MOECC (SAC) Information Email>>>	<p><b>MOECC Reference Number:</b> 4068-AXGMDH  <b>Date/Time Incident Occurred:</b> April 3/18  <b>Date/Time Incident Reported to MOECC:</b> Ap 3/18, 12:31  <b>Company name (if known):</b> Suncor Energy  <b>Location of Incident:</b> 1900 River Rd, Sarnia</p>		FB

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					<p><b>Company description of incident and actual/expected duration:</b> Planned maintenance.</p> <p><b>Company description of actual/expected adverse effect:</b> Possible increased noise and flaring.</p> <p><b>Actions being taken by the facility to respond:</b> monitoring.</p> <p><b>Agencies/Parties responding:</b> n/a</p>		
Apr 5	7:48 am		Suncor	<p>MOECC (SAC) Information Email&gt;&gt;&gt;</p> <p><b>MOECC Reference Number:</b> 5008-AXJFEF  <b>Date/Time Incident Occurred:</b> 04/05/2018 @ 07:25  <b>Date/Time Incident Reported to MOECC:</b> 04/05/2018 07:25  <b>Company name (if known):</b> Suncor  <b>Location of Incident:</b> Vidal Street  <b>Company description of incident and actual/expected duration:</b> N/A  <b>Company description of actual/expected adverse effect:</b> N/A  <b>Actions being taken by the facility to respond:</b> N/A  <b>Agencies/Parties responding:</b> MOECC Sarnia ERP</p> <p><b>Update:</b> 8:36 am  <b>MOECC Reference Number:</b> 5008-AXJFEF  <b>Date/Time Incident Occurred:</b> 04/05/2018 @ 07:25  <b>Date/Time Incident Reported to MOECC:</b> 04/05/2018 @ 07:25  <b>Company name (if known):</b> Suncor  <b>Location of Incident:</b> Vidal Street  <b>Company description of incident and actual/expected duration:</b> N/A  <b>Company description of actual/expected adverse effect:</b> Suncor reported they are not experiencing any known issues at this time  <b>Actions being taken by the facility to respond:</b> Suncor has initiated perimeter monitoring  <b>Agencies/Parties responding:</b> MOECC Sarnia ERP</p>		FB	
Apr 9	10:20 am	6:27 pm	Suncor	<p>CVECO Information</p> <p>Suncor xjf738 conducting fire training all day extra trucks and high-pressure water</p>		ANS	
Apr 9	4:16 pm		Shell Canada	<p>MOECC (SAC) Information Email&gt;&gt;&gt;</p> <p><b>MOECC Reference Number:</b> 3457-AXNRKP  <b>Date/Time Incident Occurred:</b> 2018/04/09 Between 1450-1500h  <b>Date/Time Incident Reported to MOECC:</b> 2018/04/09 1603h  <b>Company name (if known):</b> Shell  <b>Location of Incident:</b> 150 St. Clair Parkway, Corunna  <b>Company description of incident and actual/expected duration:</b> unit trip  <b>Company description of actual/expected adverse effect:</b> no adverse effects expected.  <b>Actions being taken by the facility to respond:</b> troubleshooting to determine what caused the trip  <b>Agencies/Parties responding:</b> Shell Sarnia.</p>		FB	
April 10	11:51 am	2:15 am Apr 11	Shell Canada	<p>CVECO Information</p> <p>Shell Canada information for unit upset of the number 2 boiler</p>			
Apr 12	8:05 am		Shell Canada	<p>MOECC (SAC) Information Email&gt;&gt;&gt;</p> <p><b>MOECC Reference Number:</b> 4173-AXRFS8  <b>Date/Time Incident Occurred:</b> Apr 12, 2018 – 08:15  <b>Date/Time Incident Reported to MOECC:</b> Apr 12/18 - 07:45  <b>Company name (if known):</b> Shell Canada  <b>Location of Incident:</b> 150 St. Clair Parkway  <b>Company description of incident and actual/expected duration:</b> Unit Shutdown till Monday or Tuesday  <b>Company description of actual/expected adverse effect:</b> Potential for increased flaring and noise  <b>Actions being taken by the facility to respond:</b> Reported to SAC  <b>Agencies/Parties responding:</b> N/A</p>		FB	

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Apr 12	8:28 am	1:02 pm Apr 19	Shell Canada	CVECO Information	INFORMATION ISSUED FOR SHELL CANADA FOR HIGH FLARE AND SMOKEY STACK DUE TO MAINTENANCE SHUT DOWN.		
Apr 12	9:57 am		Unknown	MOECC Initial Information Email>>>	<p><b>Initial Information E-mail for Aamjiwnaang First Nation –</b>            Odour Complaint in the area of LaSalle Line and Highway 40  <b>MOECC Reference Number:</b> 3548-AXHNKW  <b>Date and Time that the incident occurred:</b> Apr 4/18 1:20pm  <b>Date and Time reported to the MOECC:</b> Apr 4/18 1:32pm  <b>Company name (if known) and location of incident:</b> In the vicinity of LaSalle Line and Highway 40 at the Dow Wetlands  <b>What has occurred?</b>            This information e-mail is for an odour complaint received by the ministry on April 4, 2018. A member of the public was walking in the Dow wetlands area and experienced a propane odour that caused choking and coughing. According to the air monitoring stations within the CASA website, the wind speed was moderate and mainly from the west at the time.  <b>What action is being taken?</b>            Ministry staff inspected the area at approximately 2:00 pm. Propane type odours that had been reported by the complainant could not be detected at the time. Ministry staff did observe smoke and detected burning odours associated with fire training occurring at the Lambton College fire training centre.  <b>Other agencies involved (if known):</b> No other agencies.  <b>Updates expected:</b> No further updates</p>		FB
Apr 12	9:58 am		Unknown	MOECC Update Information Email>>>	<p><b>Update Information E-mail for Aamjiwnaang First Nation –</b>            Propane Odour Complaint  <b>MOECC Reference Number:</b> 5008-AXJFEF  <b>Date/Time Incident Occurred:</b> Apr 5, 2018 7:25 am  <b>Date/Time Incident Reported to MOECC:</b> Apr 5/18 7:25am  <b>Company name (if known):</b> A resident identified the Suncor refinery as the suspected source of the odour.  <b>Location of Incident:</b> Tashmoo Avenue  <b>What has occurred?</b>            This update is for an odour complaint that was received on April 5, 2018. A resident called the ministry's Spills Action Centre to report a strong propane type of odour. The resident reported that the winds were from the north and northwest at the time and suspected the Suncor refinery to be the source of the odours. According to the air monitoring station data reported within the CASA website, the wind direction was from the west and southwest at the time of the complaint.  <b>What action was taken?</b>            Ministry staff dispatched the Environmental Response Person to inspect the area for odours and contacted Suncor to report the odour complaint. Ministry staff inspected the area of the complaint and around the Suncor facility at approximately 8:15 am. Ministry staff detected a slight odour of mercaptan in the area of the complaint. Ministry staff monitored for volatile organic compounds using handheld equipment. There was no detection of volatile organic compounds. Ministry staff spoke with Suncor staff. The company reported there were no operational issues and checked the area for odours and monitored air quality using handheld equipment. There were no readings or odours observed. Ministry staff were not able to confirm the source of the odours.  <b>Other agencies/parties responding:</b> No other agencies involved.  <b>Updates expected?</b> No further updates.</p>	SDS for Mercapton Attached	FB

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Apr 13	12:58 pm	BioAmber	MOECC (SAC) Information Email>>>	<p><b>MOECC Reference Number:</b> 7558-AXSKLT  <b>Date/Time Incident Occurred:</b> April 13, 2018 from 09:30 hrs to 10:00 hrs.  <b>Date/Time Incident Reported to MOECC:</b> April 13, 2018 at 11:00  <b>Company name (if known):</b> BioAmber Sarnia Inc.  <b>Location of Incident:</b> 1201 Vidal St. South, Sarnia  <b>Company description of incident and actual/expected duration:</b>                      Reported a release of powdered lime (calcium hydroxide) to atmosphere. The release occurred intermittently for 30 minutes.  <b>Company description of actual/expected adverse effect:</b>                      Company does not expect any adverse effects.  <b>Actions being taken by the facility to respond:</b>                      The company stopped the activity and cleaned up the product.  <b>Agencies/Parties responding:</b> n/a</p>	FB
Apr 14	10:41 am	Suncor	Email	<p>The Suncor Sarnia refinery has been communicating with the Canadian Coast Guard and Ministry of the Environment and Climate Change (MOECC) after a light sheen was observed approaching our dock from upstream. We have confirmed the sheen is not the result of any of our site's operations. If you have any questions, I would suggest reaching out to the MOECC as they are investigating.                      This information has also been shared with the community via the CAER Industry Update Line (1-855-472-7642) as community members may have noticed some additional activity at our dock.                      Jennifer Johnson</p>	
Apr 14	10:49 am	Unknown	MOECC (SAC) Information Email>>>	<p><b>MOECC Reference Number:</b> 0245-AXTHFS  <b>Date/Time Incident Occurred:</b> April 14th, 2018 @ 08:40  <b>Date/Time Incident Reported to MOECC:</b> April 14/18 @09:09  <b>Company name (if known):</b> unknown  <b>Location of Incident:</b> St. Clair River, across the Sun Oil Dock.  <b>Company description of incident and actual/expected duration:</b> oil streamers noticed on St. Clair River.  <b>Company description of actual/expected adverse effect:</b>                      unknown.  <b>Actions being taken by the facility to respond:</b> oily streamers dissipated away due to pouring rain.  <b>Agencies/Parties responding:</b> CCG, City of Sarnia and Suncor Oil responded.</p>	
Apr 14	6:12 pm	Shell Canada	Email	<p>During our resident discussion on Thursday April 12th we discussed with those in attendance about some additional flaring that will be occurring prior to the April 19th Turnaround. Below is the most up to date information that would also like to share with each of you in case you are asked any questions from residents or staff.                      Prior to our scheduled Turnaround on April 19th we have a compressor unit that is scheduled for servicing. In order for this maintenance to occur and due to the high volume of gas going into the unit we will need to flare for 24-36 hours starting on Sunday April 15th.                      The flare product is categorized as "light hydrocarbon" and is the equivalent to what would be used for cooking or heating your home, but it will be a large flame coming out the refinery stack. By shutting down and doing maintenance on this unit now it will improve reliability going forward and minimize future upsets.                      The plan for the shut-down and repair of the unit is a as follows:</p>	

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					<ul style="list-style-type: none"> <li>• Sunday Apr 15th- Starting of flaring</li> <li>• Monday Apr 16th - Maintenance work</li> <li>• Tuesday Apr 17th - Start-up of unit</li> </ul> <p>All safety precautions and standard regulatory protocols are being followed as this is a controlled flaring event and we will be updating SAC and COVECO as needed throughout the process.</p> <p>If you have any concerns, please feel free to contact the site directly via the community hotline at 519-481-1245.</p> <p>Regards Bryant Bird Social Performance Advisor</p>		
Apr 15	6:07 am		Shell	MOECC (SAC) Information Email>>>	<p><b>MOECC Reference Number:</b> 8284-AXU4FG  <b>Date/Time Incident Occurred:</b> 2018/04/15 at 0600h  <b>Date/Time Incident Reported to MOECC:</b> 2018/04/15 at 0546h  <b>Company name (if known):</b> Shell Canada  <b>Location of Incident:</b> 150 St. Clair Parkway, Corunna  <b>Company description of incident and actual/expected duration:</b> equipment down for maintenance; increased flaring for the next 24-36 hours.  <b>Company description of actual/expected adverse effect:</b> Increased flaring and potential for associated noise.  <b>Actions being taken by the facility to respond:</b> NA  <b>Agencies/Parties responding:</b> Shell</p>		
Apr 15	6:07 am	7:54 am Apr 16	Shell Canada	CVECO Information	INFORMATION ONLY FOR SHELL CANADA 150 ST CLAIR PARKWAY, FOR PLANNED EQUIPMENT MAINTENANCE, VERY LARGE FLARE AND SOME NOISE.		
Apr 15	11:42 am		Shell Canada	MOECC (SAC) Information Email>>>	<p><b>MOECC Reference Number:</b> 3545-AXUL5E  <b>Date/Time Incident Occurred:</b> 2018/04/15 @ 11:30  <b>Date/Time Incident Reported to MOECC:</b> 2018/04/15 @ 11:27  <b>Company name (if known):</b> Shell Canada  <b>Location of Incident:</b> 339 Lasalle Line, Corunna  <b>Company description of incident and actual/expected duration:</b> Maintenance resulting in visible flaring for the next 48 hours.  <b>Company description of actual/expected adverse effect:</b> Visible flare  <b>Actions being taken by the facility to respond:</b> N/A  <b>Agencies/Parties responding:</b> Shell</p>		
Apr 15	2:07 pm	10:16 am Apr 16	Shell Canada	CVECO Information	Shell Canada is advising a reported oily sheen in the Saint Clair River. It is being investigated by the Canadian Coast Guard.		
Apr 15	5:05 pm		Shell Canada	MOECC (SAC) Information Email>>>	<p><b>MOECC Reference Number:</b> 0713-AXUS6G  <b>Date/Time Incident Occurred:</b> 2018/04/15 @ 16:35  <b>Date/Time Incident Reported to MOECC:</b> 2018/04/15 @ 07:00  <b>Company name (if known):</b> Shell Canada  <b>Location of Incident:</b> 150 St. Clair Parkway  <b>Company description of incident and actual/expected duration:</b> Shell is undergoing planned maintenance (IR# 5886-AXUDHJ)  <b>Company description of actual/expected adverse effect:</b> Noise and higher than usual flaring may occur  <b>Actions being taken by the facility to respond:</b> Shell Canada is monitoring and CVECO codes initiated by facility at time of original notification  <b>Agencies/Parties responding:</b> MOECC Sarnia ERP</p>		



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Apr 15	10:06 pm		Suncor	MOECC (SAC) Information Email>>>	<p><b>MOECC Reference Number:</b> 3022-AXV3YU  <b>Date/Time Incident Occurred:</b> 2018 04 15 (all day)  <b>Date/Time Incident Reported to MOECC:</b> 2018 04 15 @ 21:40hrs  <b>Company name (if known):</b> Suncor  <b>Location of Incident:</b> 1900 River Road  <b>Company description of incident and actual/expected duration:</b> Suncor is undergoing planned maintenance as reported to MOECC SAC [ IR # 4068-AXGMDH] and CVECO alerts at time of original notification.  <b>Company description of actual/expected adverse effect:</b> noise from heavy equipment [ vac trucks] working to purge vessels and piping.  <b>Actions being taken by the facility to respond:</b> Suncor will attempt to adjust activity to reduce noise if possible  <b>Agencies/Parties responding:</b> Suncor</p>		
Apr 16	8:28 pm		Styrolution	MOECC (SAC) Information Email>>>	<p><b>MOECC Reference Number:</b> 3658-AXW24T  <b>Date/Time Incident Occurred:</b> April 18, 2018 – 19:00  <b>Date/Time Incident Reported to MOECC:</b> April 18, 2018 – 20:04  <b>Company name (if known):</b> INEOS Styrolution Canada Ltd.  <b>Location of Incident:</b> 872 Tashmoo Avenue, Sarnia  <b>Company description of incident and actual/expected duration:</b> Flare knocked out due to heavy rain and winds in the area.  <b>Company description of actual/expected adverse effect:</b> None anticipated.  <b>Actions being taken by the facility to respond:</b> Flare has been re-lit.  <b>Agencies/Parties responding:</b> N/A</p>		
Apr 16	10:52 pm	9:57 pm Apr 17	CF Industries	CVECO Information	Information only for CF Industries - CYA 389, 161 Bickford Line, Sombra, ON. CF Industries Courtright nitrogen complex will be shutting down the nitric acid unit. A smoky stack may be observed.		
Apr 17	9:53 am	2:16 pm	Enbridge Pipelines	CVECO Information	INFORMATION ISSUED FOR ENBRIDGE PIPELINES AT 1010 PLANK ROAD FOR POSSIBLE PETROLEUM ODORS.		
Apr 17	10:34 pm		Unknown	MOECC (SAC) Information Email>>>	<p><b>MOECC Reference Number:</b> 8343-AXX4FY  <b>Date/Time Incident Occurred:</b> 22:00 04/17/2018  <b>Date/Time Incident Reported to MOECC:</b> 22:05 04/17/2018  <b>Company name (if known):</b> Unknown currently  <b>Location of Incident:</b> Intersection of Vidal St S and Kenny St  <b>Company description of incident and actual/expected duration:</b> Report of a mist with a stale water odour that is localized at the above intersection.  <b>Company description of actual/expected adverse effect:</b> N/A  <b>Actions being taken by the facility to respond:</b> N/A  <b>Agencies/Parties responding:</b> MOECC ERP will be responding</p>		
Apr 18	5:26 am		Air Products	MOECC (SAC) Information Email>>>	<p><b>MOECC Reference Number:</b> 3376-AXXCN6  <b>Date/Time Incident Occurred:</b> 05:00-04/18/2018  <b>Date/Time Incident Reported to MOECC:</b> 05:05-04/18/2018  <b>Company name (if known):</b> Air Products  <b>Location of Incident:</b> 150 St. Clair Parkway, Corunna  <b>Company description of incident and actual/expected duration:</b> Maintenance shutdown of plant, resulting in excessive flaring  <b>Company description of actual/expected adverse effect:</b> excessive flaring for roughly 8 hours during shutdown.  <b>Actions being taken by the facility to respond:</b> excessive flaring  <b>Agencies/Parties responding:</b> N/A</p>		



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Apr 18	5:26 am		Air Products	CVECO Information	Information only issued for Air Products - VJF 947, 150 Saint Clair Parkway, Corunna for loud noise and flaring due to planned shutdown.		
Apr 18	8:24 am	4:56 pm	Suncor	CVECO Information	Suncor conducting onsite fire training until 1600 hours today		
Apr 19	6:07 am		Shell Canada	MOECC (SAC) Information Email>>>	<p><b>MOECC Reference Number:</b> 1313-AXYD7Y  <b>Date/Time Incident Occurred:</b> 2018/04/19 06:00  <b>Date/Time Incident Reported to MOECC:</b> 2018/04/19 05:32  <b>Company name (if known):</b> Shell Canada  <b>Location of Incident:</b> 150 St. Clair Parkway, Sarnia  <b>Company description of incident and actual/expected duration:</b>                      Shut down of units for maintenance – duration unknown.  <b>Company description of actual/expected adverse effect:</b>                      Increased flaring and possible excessive noise  <b>Actions being taken by the facility to respond:</b> Community notifications have been made and monitoring is in place.  <b>Agencies/Parties responding:</b> N/A</p>		
Apr 19	6:57 am		Shell Canada	CVECO Information	Shell has an information for Isomax and cr-3 shutdown large flare and noise		ANS
Apr 20	1:37 am	6:08 am	CF Industries	CVECO Information	CF Industries at 161 Bickford Line, issued an information for their Courtright Nitrogen Complex. Start up of the Nitric Acid Unit will result in possible noise and slight discharge to air, with no off site impact.		
Apr 20	8:17 am			MOECC Update Information Email>>>	<p><b>Update Information E-mail for Aamjiwnaang First Nation –</b> Noise Complaint and Suncor  <b>MOECC Reference Number:</b> 3022-AXV3YV  <b>Date/Time Incident Occurred:</b> April 15, 2018 throughout the day  <b>Date/Time Incident Reported to MOECC:</b> April 15/18 9:40pm  <b>Company name (if known):</b> Suncor Refinery and possibly the Shell Refinery  <b>Location of Incident:</b> 1900 River Road  <b>What has occurred?</b>                      This update is for a noise complaint that was received on April 15, 2018. A resident called the ministry's Spills Action Centre to report loud noise from the Suncor refinery flare. The resident also reported that their house was being impacted by vibrations and that they were experiencing a headache. According to the air monitoring station data reported within the CASA website, the wind direction was mainly from the east at the time.  <b>What action was taken?</b>                      The ministry's Spills Action Centre informed the caller that the ministry had been made aware of planned maintenance at the Suncor refinery and the potential for increased noise and flaring.                      The ministry's Spills Action Centre contacted Suncor to inform them of the noise complaint and gather information on their current operations that may be causing the noise. Suncor advised that larger than normal flaring was not occurring as part of their planned maintenance operations on April 15, 2018, however there was the potential for noise from vacuum trucks working on-site that were removing liquids from vessels and pipes as part of the planned maintenance work. The work was anticipated to continue throughout the night. The company advised that they would look into whether any adjustments could be made to reduce noise levels.</p>		FB

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					<p>The company had implemented noise monitoring since starting the maintenance activities and reported no unusual noise levels on April 15, 2018. Ministry staff followed up with the company on Monday April 16, 2018 to gather more details of the complaint and their operations.</p> <p>Note: The Shell refinery had reported larger than normal flaring and the potential for increased noise at their facility as part of planned maintenance work. In response to an earlier and separate complaint, ministry staff attended the site and confirmed the presence of noise associated with operation of the flare.</p> <p><b>Other agencies/parties responding:</b> No other agencies involved.</p> <p><b>Updates expected?</b> No further updates.</p>		
Apr 20	8:19 am	BioAmber	MOECC Update Information Email>>>	<p><b>Update Information E-mail for Aamjiwnaang First Nation – Spill of Calcium Hydroxide to Air</b>  <b>MOECC Reference Number:</b> 7558-AXSKLT  <b>Date/Time Incident Occurred:</b> April 13, 2018 at 9:30 am  <b>Date/Time Incident Reported to MOECC:</b> April 13, 2018 at 11:00 am  <b>Company name (if known):</b> BioAmber Sarnia Inc.  <b>Location of Incident:</b> 1201 Vidal St. South, Sarnia  <b>What has occurred?</b>                      This update is for a spill reported on April 13, 2018. The company called the ministry's Spills Action Centre to report a spill of calcium hydroxide (lime) while unloading into a storage silo. An unknown quantity of the lime was released periodically to the air at the top of the silo for approximately 30 minutes. The wind was from the north at the time of the spill.</p> <p><b>What action was taken?</b>                      The company stopped the loading and cleaned and repaired the equipment to prevent the lime from releasing to air. Ministry staff contacted the company at approximately 1:30 pm on April 13, 2018 to gather details of the spill. Ministry staff inspected the area at approximately 2:00 pm and checked the surrounding area for any off-site impacts. Ministry staff did not observe off-site impacts and did not receive any public complaints.</p> <p><b>Other agencies/parties responding:</b> No other agencies involved.</p> <p><b>Updates expected?</b> No further updates.</p>	SDS for Calcium Hydroxide Attached	FB	
Apr 20	8:20 am		MOECC Update Information Email>>>	<p><b>Update Information E-mail for Aamjiwnaang First Nation – Noise Complaint and Shell Refinery Flaring</b>  <b>MOECC Reference Number:</b> 0713-AXUS6G  <b>Date/Time Incident Occurred:</b> April 15, 2018 at 7:00 am  <b>Date/Time Incident Reported to MOECC:</b> April 15, 2018 at 4:35 pm  <b>Company name (if known):</b> Shell Canada  <b>Location of Incident:</b> 150 St. Clair Parkway  <b>What has occurred?</b>                      This update is for a noise and flaring complaint on April 15, 2018. A resident called the ministry's Spills Action Centre to report noise from a flare at the Shell refinery that was giving the complainant a headache. According to the air monitoring station data reported within the CASA website, the wind direction was mainly from the east and from the southeast at the time of the call to the ministry. The company had notified the ministry of the planned change in operating conditions, and the ministry shared the information with Aamjiwnaang First Nation for posting on their Facebook.</p> <p><b>What action was taken?</b></p>		FB	

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					<p>Ministry staff dispatched the Environmental Response Person to inspect the area for noise and contacted Shell Canada to report the noise, and gather additional details of their flaring. Shell confirmed that plant maintenance work was underway as planned and that the work was causing higher than normal flaring.</p> <p>Ministry staff checked the northeast and west side of the Shell site at approximately 8:04 pm and observed noise and flaring. Ministry staff met with Shell representatives to discuss the flaring and noise complaint. Shell confirmed that equipment would be back in operation within two hours and that this would result in decreasing the intensity of the flare. On-going flaring was, however, expected to continue for the remainder of the maintenance period which was anticipated to be 8 to 10 more hours. Shell staff measured the noise levels at the north end of their operation.</p> <p>Ministry staff requested that the data collected as a result of the noise monitoring be provided to the ministry, and followed up with the company on April 16, 2018 to gather additional details of the flare operation. Ministry staff will be following up with the resident to provide an update on the ministry's response to the complaint.</p> <p><b>Other agencies/parties responding:</b> No other agencies involved.</p> <p><b>Updates expected?</b> No further updates.</p>		
Apr 23	6:45 pm	6:45 pm	Air Products	<b>CVECO Code 8</b>	AIR PRODUCTS VFJ947 LOCATED AT 150 ST.CLAIR PKWY IN CORUNNA ISSUED A CODE 8 AT 1800 HOURS, BUT WAS ALL CLEAR AT 1818 HOURS, THIS WAS DUE TO A FIFTEEN MINUTE LOSS OF COMMUNICATION. ALL IS WORKING WELL AGAIN AT THE PLANT.		
Apr 23	8:27 pm		Unknown	MOECC (SAC) Information Email>>>	<p><b>MOECC Reference Number:</b> 7774-AY52A7  <b>Date/Time Incident Occurred:</b> April 23, 2018, 20:13  <b>Date/Time Incident Reported to MOECC:</b> April 23, 2018, 20:13  <b>Company name (if known):</b> Unknown  <b>Location of Incident:</b> Tashmoo Avenue  <b>Company description of incident and actual/expected duration:</b> N/A  <b>Company description of actual/expected adverse effect:</b> N/A  <b>Actions being taken by the facility to respond:</b> N/A  <b>Agencies/Parties responding:</b> MOECC carrying out after-hours priority field response.</p>		
Apr 24	7:51 am		Plains Midstream	<b>CVECO Information</b>	Plains Midstream Canada will be changing out a mercaptan injector.		
Apr 24	8:40 am		Imperial Praxair	MOECC Update Information Email>>>	<p><b>Update Information E-mail for Aamjiwnaang First Nation</b>  Complaint of Industrial Mist at Vidal St. and Kenny St., Sarnia  <b>MOECC Reference Number:</b> 8343-AXX4FY  <b>Date/Time Incident Occurred:</b> April 17, 2018 at 10 pm  <b>Date/Time Incident Reported to MOECC:</b> April 17, 2018 at 10:05 pm  <b>Company name (if known):</b> Imperial Oil and Praxair  <b>Location of Incident:</b> Intersection of Vidal St. South and Kenny St., Sarnia  <b>What has occurred?</b>  This update is for a complaint regarding a visible mist on April 17, 2018 that was suspected to be associated with an industrial activity. A resident called the ministry's Spills Action Centre to report an industrial mist falling onto their car at an intersection. The mist was reported to have a stagnant water odour. According to the air monitoring station data</p>		<b>FB</b>

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					<p>reported within the CASA website, the wind direction was mainly from the west at the time.</p> <p><b>What action was taken?</b> The ministry's Environmental Response Person was dispatched to conduct an inspection of the area. The area was inspected at approximately 11:22 pm. Ministry staff observed a portion of Vidal St. to be wet near Imperial Oil and Praxair, and steam was observed being generated from cooling towers upwind of the wet area. There were no odours detected during the inspection. Ministry staff contacted Imperial Oil, Arlanxeo and Praxair to ask about any operational upsets or issues. There were no operational issues reported.</p> <p>The localized mist and visible moisture on the roads was suspected to be associated with cooling tower steam being generated by two industrial operations located upwind.</p> <p><b>Other agencies/parties responding:</b> No other agencies involved.</p> <p><b>Updates expected?</b> No further updates.</p>		
Apr 24	9:28 am	5:14 pm	Suncor	CVECO Information	Suncor Energy Inc. will be conducting on-site fire training until 4:00pm today. As a result, increased movement of fire trucks and equipment on-site.		
Apr 24	5:03 pm		Suncor	Email	<p>I wanted to let you know that community members may notice Suncor employees along a portion of the South Vidal Street ditch behind the refinery. We are investigating whether a tank containing cleaning material utilized during our turnaround maintenance activity has overflowed and are determining if any of the material has entered the ditch. We have closed the sluice gate in the ditch, as a precaution. We are also conducting sampling. I will be in touch with an update as soon as I have more information.</p> <p><b>UPDATE (6:30 pm):</b> Community members may notice Suncor employees along a portion of the South Vidal Street ditch behind the refinery. We are investigating whether a tank containing cleaning material utilized during our turnaround maintenance activity has overflowed and are determining if any of the material has entered the ditch.</p> <p>We are experiencing a smell similar to pine cleaner in the immediate area and have observed a light sheen in the ditch, with no sheen south of Sun Ave.</p> <p>As a precaution, we have taken several measures to isolate the ditch water to prevent it from flowing south - we have closed the sluice gate and installed a clay berm north of the sluice gate. Water from the isolated area is being pumped back to the refinery for proper treatment.</p> <p>We are also conducting sampling and have a plan in place to manage water in the event of rain.</p> <p>This information has been recorded to the CAER Industry Update Line for community members to access. It will also be shared to Suncor's Facebook page.</p> <p>Please let me know if you have any questions.</p>		
Apr 24	5:27 pm		Suncor	CVECO Information	Suncor Energy is investigating a potential loss of water from site, that may contain cleaning solution. Sampling is being conducted.		
Apr 24	10:50 pm		Suncor	MOECC (SAC) Information Email>>>	<p><b>MOECC Reference Number:</b> 4170-AY5SF3  <b>Date/Time Incident Occurred:</b> 24April2018 @ 16:30  <b>Date/Time Incident Reported to MOECC:</b> 24April2018 @ 16:49  <b>Company name (if known):</b> Suncor  <b>Location of Incident:</b>1900 River Road, Sarnia</p>		<b>FB</b>

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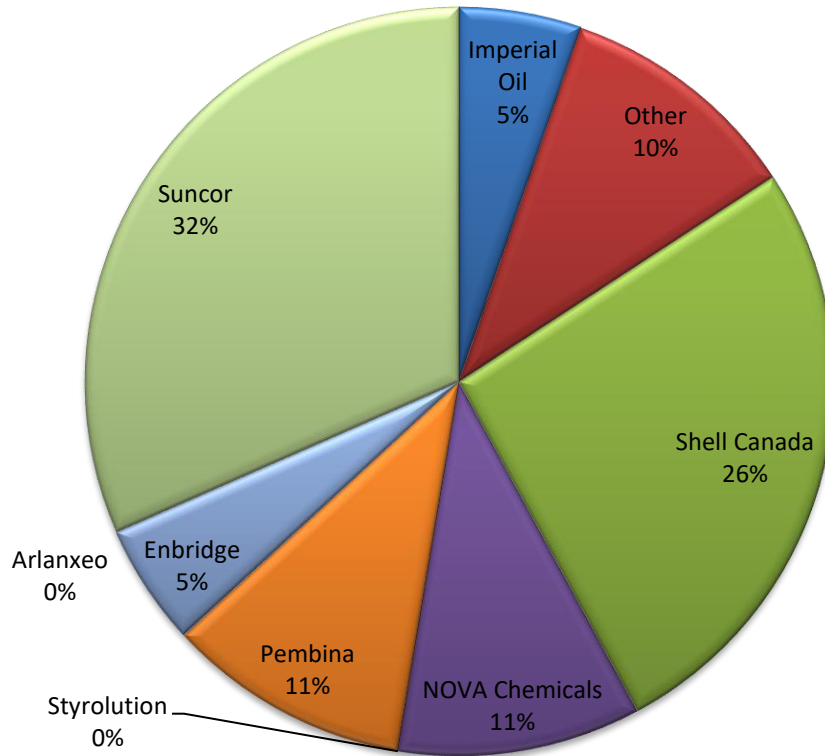
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					<p><b>Company description of incident and actual/expected duration:</b>                      -Spill of frac tank cleaning solution.                      -Estimated 1 L spilled.                      -Spill has been contained.</p> <p><b>Company description of actual/expected adverse effect:</b>                      -Potential impacts to ditch.</p> <p><b>Actions being taken by the facility to respond:</b>                      -Containing spill to ditch via closing sluice gates and creating earthen berms to contain.                      -Moving contaminant to onsite water treatment plant.</p> <p><b>Agencies/Parties responding:</b>                      Sarnia MOECC ERP (After Hours Responder)</p>		
Apr 26	5:28 am	6:07 am	NOVA Corunna	CVECO Information	Nova Corunna advising of high flaring due to unit upset		
Apr 26	5:41 am		NOVA Corunna	MOECC (SAC) Information Email>>>	<p><b>MOECC Reference Number:</b> 3311-AY7CZG  <b>Date/Time Incident Occurred:</b> 05:06 04/26/2018  <b>Date/Time Incident Reported to MOECC:</b> 05:22 04/26/2018  <b>Company name (if known):</b> Nova Chemicals  <b>Location of Incident:</b> 785 Petrolia Line, Corunna  <b>Company description of incident and actual/expected duration:</b> Excessive Flaring due to process upset  <b>Company description of actual/expected adverse effect:</b> Visual flare  <b>Actions being taken by the facility to respond:</b> Personnel are working to reduce the flare.  <b>Agencies/Parties responding:</b> N/A</p>		
Apr 27	9:18 am	4:03 pm	Imperial	CVECO Information	Imperial Oil have planned maintenance work at Scott Road. using ground flare, flaring may be seen from Indian Road		ANS
Apr 27	3:56 pm		Suncor	Email Update	<p>Further to the information we shared on Tuesday, April 24, we have determined that there was a small leak of water containing trace amounts of cleaning solution from a small, portable temporary tank on our site. The tank is on-site as part of our turnaround maintenance activity.</p> <p>We put measures in place to help ensure there is no further impact beyond our property line. As an additional precaution, a portion of the South Vidal Street ditch will remain isolated until we confirm residue is not present.</p> <p>We immediately notified the Ontario Ministry of the Environment and Climate Change’s Spills Action Centre, CVECO, the Community Awareness Emergency Response (CAER) Industry Update Line and Aamjiwnaang First Nation when the leak was identified on Tuesday. We continue to ensure updates on our efforts are passed on.</p> <p>I will be sharing this information via Suncor’s social media channels and recording it to the CAER Industry Update Line as part of our ongoing efforts to share information with the community.</p> <p>Please let me know if you have any questions,                      Jennifer Johnson</p>		FB
Apr 30	10:03 am	4:56 pm	Suncor	CVECO Information	Information at Suncor 1900 Saint. Clair Parkway for fire training with use of onsite fire trucks and other related equipment. expected to be completed by 1630 today		ANS
Apr 30	6:33 pm	8:57 pm	NOVA St Clair	CVECO Information	Nova Saint Clair is having a site drill to be conducted tonight. fire trucks on site		

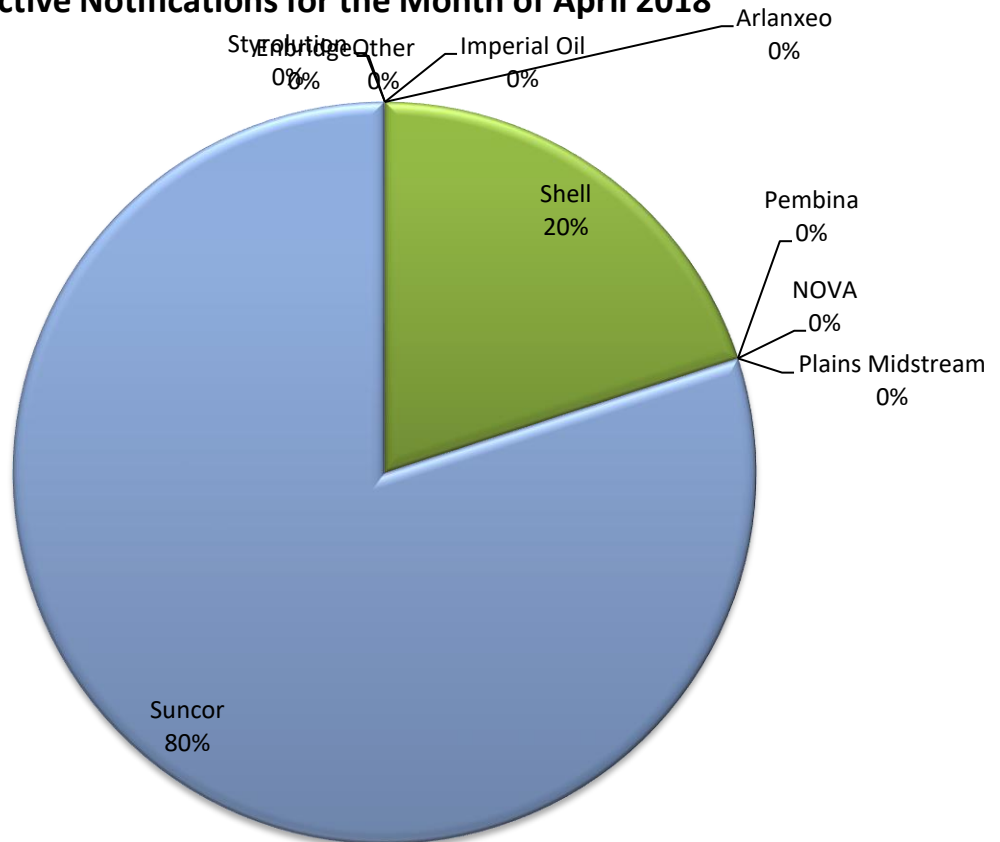
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## Incident Notifications for the Month of April 2018

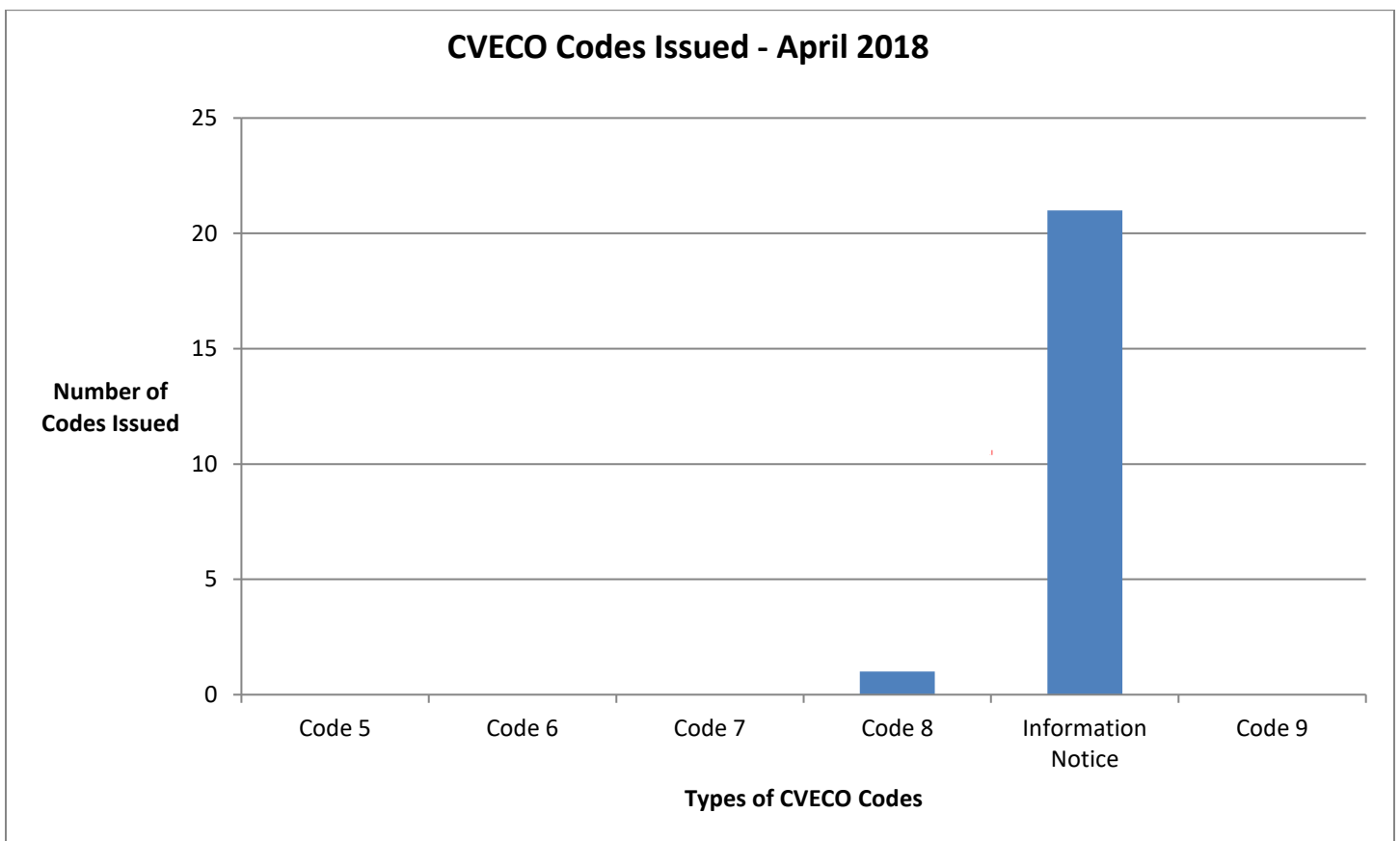


## Proactive Notifications for the Month of April 2018



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### CVECO Assistance Codes:

**CODE 5-** Incident outside of industry potentially requiring CVECO assistance.

**CODE 6-** Full traffic control requested in designated areas.

**CODE 7-** Bomb threat.

**CODE 8-** Notification by a CVECO member of an internal emergency occurrence. CVECO will take no action under this code.

**Information Notice** - Advice by a member of a non-emergency activity that may cause an inquiry.

**CODE 9-** Request for response by Municipal Fire Department. (Includes **Code 91** and **Code 92**-Specific Fire Equipment)