



San Diego County Air Pollution Control District

Update on BAE's Risk Reduction Plan
Actualización sobre el Plan de Reducción de Riesgos de BAE

September 26, 2023
26 de Septiembre 2023





BAE Systems

Sistemas BAE

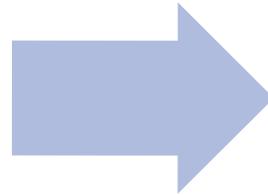


California Air Toxics “Hot Spots” Program

Programa de “puntos calientes” de tóxicos del aire de California

GOAL / META

- Identify facilities that have elevated health risks
Identificar instalaciones que tienen riesgos elevados para la salud.



REQUIREMENT / REQUISITO

- Public Notification /
Notificación pública
- Risk Reduction /
La reducción de riesgos



Elevated Health Risks BAE Systems' 2017 Emissions

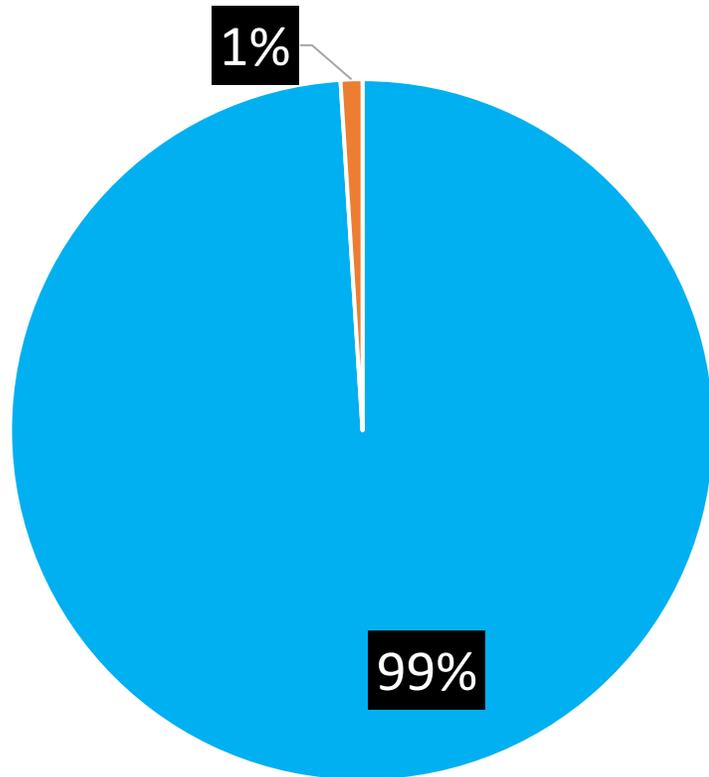
Riesgos elevados para la salud Emisiones de 2017 de BAE Systems

<p>Potential Health Risk / Potencial Riesgo de salud</p>	<p>Risk Notification Thresholds / Umbrales de notificación de riesgos</p>	<p>Risk Reduction Thresholds / Umbrales de reducción de riesgos</p>
<p>Acute Health Hazard Index (Nearby Workers) 1.05 / Índice de peligro agudo para la salud (trabajadores cercanos) 1.05</p>	<p>1.0</p>	<p>1.0</p>



Emission Contributions Worker Acute Health Hazard Index of 1.05

Contribuciones a las emisiones Índice de riesgo agudo para la salud de los trabajadores de 1.05



- Nickel (Welding & Abrasive Blasting)
Níquel (soldadura y granallado abrasivo)
- Benzene (Diesel Engines)
Benceno (motores diésel)



BAE's Risk Reduction Plan

Plan de Reducción de Riesgos de BAE

- ✓ All welding operations conducted indoors shall be vented to high efficiency particulate air (HEPA) filters.
- ✓ *Todas las operaciones de soldadura realizadas en interiores deberán ventilarse a filtros de partículas de aire de alta eficiencia (HEPA).*
- ✓ By December of 2025 or sooner, BAE shall replace at least 20% of Nickel based welds with the use of Mechanically Attached Fitting (MAF) technology or limit its Nickel emissions from outdoors welding operations to 0.015 pounds per hour.
- ✓ *Para diciembre de 2025 o antes, BAE reemplazará al menos el 20 % de las soldaduras a base de níquel con el uso de tecnología de accesorios conectados mecánicamente (MAF) o limitará sus emisiones de níquel de operaciones de soldadura al aire libre a 0,015 libras por hora.*





BAE's Permit that includes the risk reduction measures has been posted on the District's website.

El permiso de BAE que incluye las medidas de reducción de riesgos se ha publicado en el sitio web del Distrito.



BAE to implement the risk reduction requirements and the District will be enforcing those requirements

BAE implementará los requisitos de reducción de riesgos y el Distrito hará cumplir esos requisitos



Annual notifications will continue until the risk reduction requirements are fully implemented

Las notificaciones anuales continuarán hasta que se implementen plenamente los requisitos de reducción de riesgos.



BAE is required to submit another Health Risk Assessment by November 7, 2023

BAE debe presentar otra evaluación de riesgos para la salud antes del 7 de noviembre de 2023



Stay Informed

Mantegase informado

Sign up for District Updates
Regístrese para recibir actualizaciones del distrito

• <https://bit.ly/SDAPCD-Updates>

Visit District Hot Spots Page
Visite la página de puntos calientes del distrito

• <https://sdapcd.org/hotspots>

SDAPCD Air Toxic "Hot Spots" Mapping Tool

To use: Select the dropdown menu to choose from the following informational maps and then click "Apply":

- "Approved HRA" - This option will show all facilities with an approved Health Risk Assessment (HRA), the HRA results, and related documents.
- "HRA in Progress" - This option will show all facilities required to conduct an HRA.
- "Areas of Impact" - This option will show the areas potentially impacted by toxic emissions from surrounding facilities for different types of selectable health risks.

Click Apply

Approved HRAs

HRA

Apply

Reset

Legend

SDAPCD Health Risk Assessment Data

- Approved HRA Results
 - ★ Facility requires public notification and risk reduction
 - ★ Facility requires public notification only
 - Health risks below notification threshold
- HRAs in Progress
 - ▲ HRAs that were requested
- Isopleths
 - ▭ Risk Notification Isopleth
- Facility Boundary
 - ▭ Facility Boundary

Procedures & Guidelines

Public Documents for "Hot Spots" Facilities

The facilities listed below are subject to the notification requirements of the "Hot Spots" program. Select a facility to see documents related to this program. The most recent facility documents below are also available when viewing a facility record in the SDAPCD Air Toxic "Hot Spots" Mapping Tool presented above.

BAE Systems Ship Repair - San Diego - 92113 - 2017

Pacific Ship Repair - San Diego - 92113 - 2019

Vulcan Materials (Carrol Canyon) - San Diego - 92126 - 2017

Superior Ready Mix (Escondido Asphalt) - Escondido - 92024 - 2019

Encina Wastewater Authority - Carlsbad - 92011 - 2017

Minnesota Methane - San Diego - 92111 - 2018

Vulcan Materials (Otay) - San Diego - 92154 - 2019

Otay Landfill - Chula Vista - 91911 - 2017

