



San Diego County Air Pollution Control District

May 25, 2023

Dear Employee:

This letter is to let you know that you work in an area that has potentially elevated health risks created by air toxic emissions from the following facility. The attached map shows the area of elevated health risks around this facility.

Facility Name: BAE Systems SDSR
Address: 2205 East Belt Street
Type of Business: Shipyard

State law¹ protects your right to know about possible health risks from stationary sources² of air pollution in your neighborhood by requiring the facilities which create elevated health risks to notify you. The San Diego County Air Pollution Control District (APCD) is responsible for requiring annual public notifications and risk reduction from such facilities per District Rule 1210³.

APCD required a health risk assessment from BAE Systems SDSR (BAE) based on their air toxic emissions from 2017. That health risk assessment shows that, in 2017, BAE released air toxic emissions, primarily Hexavalent Chromium and Diesel Particulate Matter from welding and diesel engines, respectively, that could increase the chances of getting cancer for people who work in the area by 14.2 in one million. This represents the highest chance of getting cancer if exposed to the emissions for 25 years.

In addition to cancer risk, the health risk assessment shows that the air toxic emissions from 2017, primarily Nickel from welding, abrasive blasting and diesel engines, could cause other health effects. Specifically, the Health Risk Assessment shows the *Maximum Occupational Acute Health Hazard Index* for their 2017 emissions was 2.44. A hazard index below one means that there are no negative health effects expected from the facility's air toxic emissions.⁴

¹ Air Toxics "Hot Spots" Information and Assessment Act of 1987, Health and Safety Code sections 44360, et seq.

² Stationary sources include factories or manufacturing plants, power plants, shipyards, landfills, rock or asphalt plants, and other industrial, commercial and governmental operations that can emit air pollution


³ <https://bit.ly/Rule1210>

⁴ The noncancer health hazard index is calculated by dividing the estimated amount of emissions in the air emitted from a facility by the amount that is not expected to cause any health issues

District Rule 1210 required this facility to submit a risk reduction audit and plan to APCD. On May 20, 2022, BAE submitted a risk reduction plan to APCD, which was subsequently revised on August 15, 2022. The risk reduction plan proposes the use of an alternative to welding, which mechanically attaches pipes, and reduces emissions of toxics into the air. This technology would replace a portion of the welding operations conducted at this facility. The plan also proposes recordkeeping of welding rods to better monitor emissions from welding operations. This plan is presently being reviewed by APCD, and if approved, BAE will need to comply with the plan's requirements to reduce the health risk.

Please join us at a public meeting on Teams scheduled for Tuesday, June 20, 2023, at 5:00 pm if you have any questions or concerns. To join the meeting please use the following meeting link: <https://bit.ly/BAE-HRA>. You can also reach out to the facility by contacting Lydia Pellecer at Lydia.pellecer@baesystems.com or by phone at (619) 372-0845 with BAE Systems San Diego Ship Repair Inc. The attached fact sheet has additional information. If you have any questions, please send us the attached survey or contact us at APCDEngineering@sdapcd.org or at (858) 586-2600.

Sincerely,



Paula Forbis (May 25, 2023 09:14 PDT)

PAULA FORBIS

Air Pollution Control Officer