



State of Oregon Department of Environmental Quality

2020 Air Toxics Emissions Inventory

Facility Information

Source Number: 34-2681 **Name:** Intel Corporation (Aloha / Ronler Acres)
Address: 3585 SW 198th Ave. / 2501 NE Century Blvd Aloha / Hillsboro, OR 97007 / 97124

Background

Under the Cleaner Air Oregon program rules, DEQ may require Air Quality permitted facilities to submit an updated toxic air contaminant emissions inventory once every three years [OAR-340-245-0040(2)]. The table below summarizes the facility-wide estimated emissions reported for the 2020 operating year. Emissions reports are subject to change as additional information is requested to update or refine submissions.

More information about Air Toxics Emissions Reporting is available at:
<https://www.oregon.gov/deq/air-toxics/Pages/Air-Toxics-Emissions-Inventory.aspx>

Report Elements

- CASRN:** Pollutant registration number, applied by the Chemical Abstract Service. Certain grouped pollutants may be combined and identified instead with a two- or three-digit DEQ Pollutant Sequence ID.
- Pollutant Name:** The name for each toxic air contaminant.
- Emission (lbs/yr):** Total estimated emissions for each pollutant identified by the source in pounds per year. Reported emissions less than 0.0001 lb/yr appear as "0.000".
- HAP:** Hazardous Air Pollutant. Identifies pollutants known or suspected to cause cancer or other serious health effects. HAPs are regulated by the US EPA under the Clean Air Act.
- RBC:** Risk Based Concentration. Identifies pollutants with toxicity information used to evaluate human health risk under the CAO program.

CASRN	Pollutant Name	EPA HAP?	Has RBC?	Annual Emissions (lbs)
106-99-0	1,3-Butadiene	Yes	Yes	8.489
75-07-0	Acetaldehyde	Yes	Yes	36.165
107-02-8	Acrolein	Yes	Yes	5.380
7429-90-5	Aluminum and compounds	No	Yes	2.800
7664-41-7	Ammonia	No	Yes	32,449.766
7440-38-2	Arsenic and compounds	Yes	Yes	0.400
7440-39-3	Barium and compounds	No	No	6.611
71-43-2	Benzene	Yes	Yes	17.677
50-32-8	Benzo[a]pyrene	Yes	Yes	0.002

7440-41-7	Beryllium and compounds	Yes	Yes	0.018
7726-95-6	Bromine and compounds	No	No	517.800
7440-43-9	Cadmium and compounds	Yes	Yes	1.708
56-23-5	Carbon tetrachloride	Yes	Yes	7.500
463-58-1	Carbonyl sulfide	Yes	Yes	533.800
7782-50-5	Chlorine	Yes	Yes	15.800
18540-29-9	Chromium VI, chromate and dichromate particulate	Yes	Yes	2.537
7440-48-4	Cobalt and compounds	Yes	Yes	0.126
7440-50-8	Copper and compounds	No	Yes	1.429
74-90-8	Cyanide, hydrogen	Yes	Yes	64.400
75-09-2	Dichloromethane (methylene chloride)	Yes	Yes	2.900
200	Diesel particulate matter	No	Yes	1,243.016
34590-94-8	Dipropylene glycol monomethyl ether	No	No	1.600
100-41-4	Ethyl benzene	Yes	Yes	12.788
111-76-2	Ethylene glycol monobutyl ether	No	Yes	1.000
239	Fluorides	No	Yes	4,647.700
7782-41-4	Fluorine gas	No	Yes	2,978.400
50-00-0	Formaldehyde	Yes	Yes	89.488
110-54-3	Hexane	Yes	Yes	9.266
7647-01-0	Hydrochloric acid	Yes	Yes	2,420.264
10035-10-6	Hydrogen bromide	No	No	517.800
7664-39-3	Hydrogen fluoride	Yes	Yes	9,699.400
7783-06-4	Hydrogen sulfide	No	Yes	97.000
67-63-0	Isopropyl alcohol	No	Yes	100,518.400
7439-92-1	Lead and compounds	Yes	Yes	1.059
7439-96-5	Manganese and compounds	Yes	Yes	0.686
7439-97-6	Mercury and compounds	Yes	Yes	0.465

67-56-1	Methanol	Yes	Yes	71.500
108-10-1	Methyl isobutyl ketone (MIBK, hexone)	Yes	Yes	0.500
1313-27-5	Molybdenum trioxide	No	No	2.479
91-20-3	Naphthalene	Yes	Yes	1.220
71-36-3	n-Butyl alcohol	No	No	2.900
365	Nickel compounds, insoluble	Yes	Yes	3.300
7697-37-2	Nitric acid	No	Yes	4.400
7803-51-2	Phosphine	Yes	Yes	13.900
401	Polycyclic aromatic hydrocarbons (PAHs)	Yes	Yes	1.564
115-07-1	Propylene	No	Yes	270.800
107-98-2	Propylene glycol monomethyl ether	No	Yes	536.900
108-65-6	Propylene glycol monomethyl ether acetate	No	No	23,525.900
7782-49-2	Selenium and compounds	Yes	Yes	0.118
7631-86-9	Silica, crystalline (respirable)	No	Yes	57.800
7664-93-9	Sulfuric acid	No	Yes	51.100
108-88-3	Toluene	Yes	Yes	51.681
7440-62-2	Vanadium (fume or dust)	No	Yes	3.456
1330-20-7	Xylene (mixture), including m-xylene, o-xylene, p-xylene	Yes	Yes	37.010
7440-66-6	Zinc and compounds	No	No	43.572

Report created 8/10/2022. Contact Clara.Funk@deq.oregon.gov for more information.