

Non-Road Diesel Emissions Program (NRDE) Fee Reductions and Rebates

Fees

The Vancouver Fraser Port Authority's Non-Road Diesel Emissions (NRDE) Program charges fees for use of older, higher emission equipment based on engine tier, horse power and hours of use. Fees are as follows:

Year	Tier 0 (per HP)	Tier 1 (per HP)	Tier 2 (per HP)	Tier 3 (per HP)
2022	\$ 20.00	\$ 10.00	\$ -	\$ -
2023	\$ 30.00	\$ 14.00	\$ 4.00	\$ -
2024	\$ 40.00	\$ 16.00	\$ 6.00	\$ -
2025	\$ 50.00	\$ 18.00	\$ 8.00	\$ 2.00
2026	\$ 60.00	\$ 20.00	\$ 10.00	\$ 4.00
2027	\$ 70.00	\$ 22.00	\$ 12.00	\$ 6.00
2028	\$ 80.00	\$ 24.00	\$ 14.00	\$ 8.00
2029	\$ 90.00	\$ 26.00	\$ 16.00	\$ 10.00
2030	\$ 100.00	\$ 28.00	\$ 18.00	\$ 12.00

Fees for the operation of Tier 0, Tier 1, Tier 2 and Tier 3 are calculated as follows:

Engines operating \geq 2,000 hours per year:

$$[\text{engine maximum horsepower}] \times [\text{fee rate}]$$

Engines operating $<$ 2,000 hours per year:

$$[\text{engine maximum horsepower}] \times [\text{fee rate}] \times [\text{hours operated in calendar year}] / 2,000 \text{ hours}$$

Fee Reductions and Rebates

Fee rates may be reduced by moving from a lower tier to a higher tier of particulate matter emission levels by:

- Installation and use of an eligible Emission Reduction Measure (ERM), that makes the particular matter emissions meet those of a higher tier engine. Please see the NRDE ERM Guide for more information at www.portvancouver.com/NRDE.

Fees paid may be rebated up to 90% by upgrading a Tier 0, Tier 1, Tier 2 and Tier 3 or better particulate matter emission levels through:

- Retirement and/or replacement of equipment and engine ("removal from service");
- Engine replacement with Tier 4 or better; or,
- Installation and use of an eligible ERM. Please see the NRDE ERM Guide for more information at www.portvancouver.com/NRDE.

Additional requirements to be eligible for a fee rebate include:

- Submitting a complete annual report tool;

- Labelling of all equipment;
- Provision and demonstration of a Fuel Efficiency Plan, including an Idle Reduction Policy and Opacity Management, in accordance with the NRDE Fuel Efficiency Plan Guideline at www.portvancouver.com/NRDE ; and,
- Provision of all assistance and access reasonably required by the port authority to confirm any aspect of NRDE requirements.

Fee Reduction/Rebate Example:

Example:

- o 160 hp Tier 0 forklift
- o 2,000 hours/yr for 2021-2022
- o 2,000 hours/yr for 2023
- o Engine replaced with Tier 4 or better

Total fees paid (2021-2022): = (160 x 20) + (160 x 20)
= \$6,040

Total fees paid (2023): = (160 x 30)
= \$4,800

80% rebate (fees collected 2021-2022): = \$6,040 x 0.80
= **\$5,120**

90% rebate (fees collected 2023): = \$4,800 x 0.90
= **\$4,320**

Total rebate = **\$5,120+\$4,320**
= \$9,440