



South Coast
 Air Quality Management District
 21865 Copley Drive, Diamond Bar, CA 91765-4178
 (909) 396-2000 • www.aqmd.gov

Rule 2202 - On-Road Motor Vehicle Mitigation Options Emission Factors
 Effective January 1, 2020

*Table 1. Employee Emission Reduction Factors
 Performance Zone 1 – pounds/year/employee*

Year	VOC	NOx	CO
2019	1.33	1.11	13.32
2020	1.21	0.97	12.05
2021	1.11	0.85	11.02
2022	1.03	0.75	10.13
2023	0.96	0.66	9.39
2024	0.89	0.60	8.78
2025	0.83	0.54	8.20

*Table 2. Employee Emission Reduction Factors
 Performance Zone 2 – pounds/year/employee*

Year	VOC	NOx	CO
2019	1.03	0.87	10.36
2020	0.94	0.75	9.37
2021	0.87	0.66	8.57
2022	0.80	0.58	7.88
2023	0.74	0.52	7.30
2024	0.69	0.46	6.83
2025	0.65	0.42	6.38

*Table 3. Employee Emission Reduction Factors
 Performance Zone 3 – pounds/year/employee*

Year	VOC	NOx	CO
2019	0.72	0.60	7.17
2020	0.65	0.52	6.49
2021	0.60	0.46	5.93
2022	0.55	0.40	5.46
2023	0.51	0.36	5.06
2024	0.48	0.32	4.73
2025	0.45	0.29	4.42

*Table 4. Annual Commute Emission Factor –
 pounds/year/commute vehicle*

Year	VOC	NOx	CO
2019	3.10	2.60	31.07
2020	2.83	2.25	28.12
2021	2.60	1.97	25.71
2022	2.40	1.74	23.65
2023	2.23	1.55	21.91
2024	2.08	1.39	20.48
2025	1.95	1.26	19.14

Pursuant to Rule 2202 (m) Emission Factors, the emission factors have been developed from the most recent EPA approved EMFAC model. EMFAC2017 Web Based Database (Effective August 2019).



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Rule 2202 - On-Road Motor Vehicle Mitigation Options
Annual ERC Discount Percentages

Effective January 1, 2020

Year	VOC	NOx	CO
2020	0.97	1.04	1.15
2021	0.92	0.88	0.91
2022	0.92	0.88	0.92
2023	0.93	0.89	0.93
2024	0.93	0.90	0.93
2025	0.94	0.91	0.93