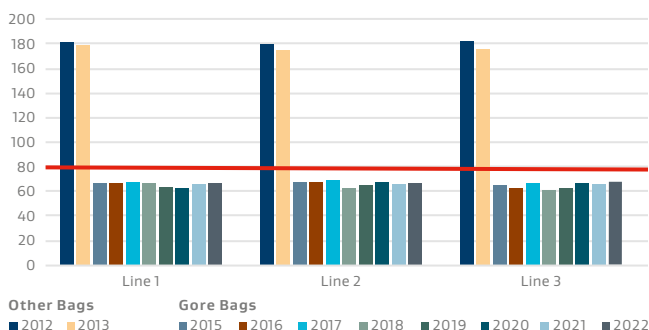


Case history

GORE® DeNOx Catalytic Filter Bags – Significant NOx Reduction in Waste Incineration

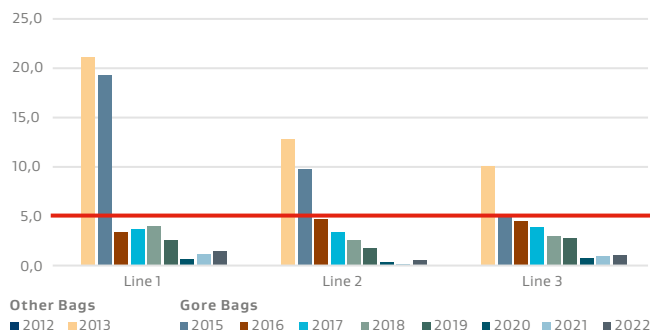
GORE® DeNOx Catalytic Filter Bags helped a waste incineration plant in Limoges (FR) achieve NOx emission of < 80 mg/Nm³.

NOx below 80 mg/Nm³ – annual average [mg/Nm³]



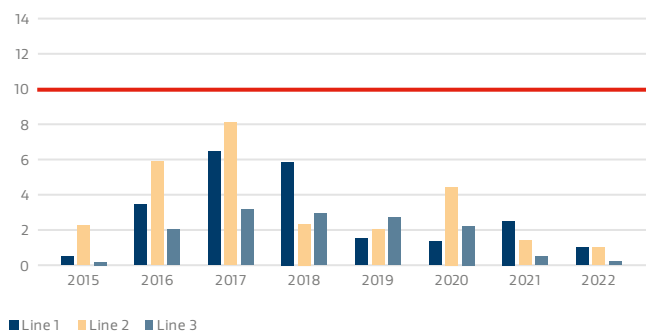
Annual average NOx mg/Nm ³	2012	2013	Gore Guarantee	2015	2016	2017	2018	2019	2020	2021	2022
Line 1	181.6	178.19	80	65.7	66.6	67.7	65.8	63	62.08	65.88	66.16
Line 2	179.5	174.8	80	67.5	68	69.1	61.8	65	66.82	65.65	65.89
Line 3	182.1	175.9	80	65.5	62.2	65.9	61.3	62	66.02	65.48	67.53

SO₂ below 5 mg/Nm³ – annual average [mg/Nm³]



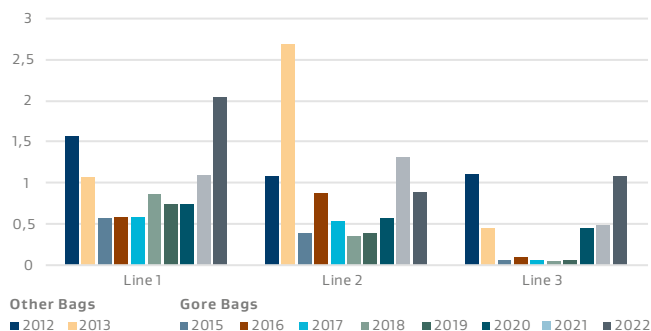
Annual average SO ₂ mg/Nm ³	2012	2013	Gore Constraint	2015	2016	2017	2018	2019	2020	2021	2022
Line 1	21.1	19.3	5	3.4	3.8	4	2.6	2.5	1.36	2.43	2.93
Line 2	12.8	9.8	5	4.7	3.4	2.6	1.8	1.8	0.78	0.42	1.10
Line 3	10.1	4.9	5	4.5	3.9	3	2.8	2.8	1.50	0.86	2.12

NH₃ emission controlled – annual average [mg/Nm³]



Annual average NH ₃ mg/Nm ³	2012	2013	Gore Guarantee	2015	2016	2017	2018	2019	2020	2021	2022
Line 1	–	–	10	0.48	3.44	6.42	5.82	1.5	1.36	2.49	1.00
Line 2	–	–	10	2.26	5.85	8.05	2.33	2	4.43	1.40	1.05
Line 3	–	–	10	0.19	2.02	3.13	2.92	2.7	2.22	0.50	0.22

Dust emission improved – annual average [mg/Nm³]



Annual avg. Dust Emission mg/Nm ³	2012	2013	Gore Guarantee	2015	2016	2017	2018	2019	2020	2021	2022
Line 1	1.58	1.08	–	0.57	0.59	0.59	0.87	0.75	0.75	1.10	2.06
Line 2	1.1	2.69	–	0.39	0.89	0.55	0.36	0.40	0.57	1.32	0.89
Line 3	1.11	0.46	–	0.08	0.11	0.08	0.05	0.08	0.45	0.49	1.08

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