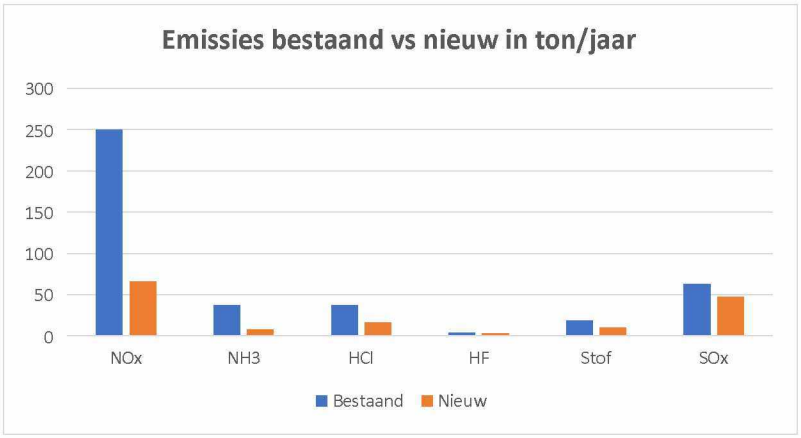
Emissies

	Emissie kg/h		Emmisie ton/jaar			Emissie per ton eindproduct		
	Bestaand	Nieuw	Bestaand	Nieuw	% reductie	Bestaand	Nieuw	% reductie
NOx	32,00	8,20	249,6	65,6	74%	0,555	0,066	88%
NH3	4,80	0,91	37,4	7,3	81%	0,083	0,007	91%
HCl	4,80	1,97	37,4	15,8	58%	0,083	0,016	81%
HF	0,48	0,41	3,7	3,3	12%	0,008	0,003	60%
Stof	2,40	1,23	18,7	9,8	47%	0,042	0,010	76%
Geur	100%	70%						
SOx	8,00	5,87	62,4	47,0	25%	0,139	0,047	66%
CO2						0,045	0,038	16%
bedrijfsuren	7800	8000						
Capaciteit t/a	450.000	995.000						

1. Substantial use of recycled phosphates from sewage treatment plants (ash and struvite)
2. Environmentally friendly products based on nitrogen from urea with inhibitors as well as natural potash from polysulphate.
3. No products with explosion or decomposition danger
4. All equipment better than BAT/BREF
5. Higher stacks give less deposition in neighboring areas
6. Potential further improvement in energy consumption once (green) electricity grid upgraded (heat pumps) and/or hydrogen infra structure available.
7. New facility is “Zero effluent plant “ (no process waste water)

	Bestaand	Nieuw
NOx	249,6	65,6
NH3	37,4	7,3
HCl	37,4	15,8
HF	3,7	3,3
Stof	18,7	9,8
SOx	62,4	47,0



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Stof	0,042	0,010
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