

CO₂ aanleverspecificaties vanuit PCC-installatie

parameter	waarde	eenheid
CO ₂	>95	mol-%
N ₂	<2	mol-%
O ₂	<20	mol-ppm
H ₂	<7500	mol-ppm
Ar	<1	mol-%
CH ₄	<1	mol-%
CO	<750	mol-ppm
O ₂ +N ₂ +H ₂ +Ar+CH ₄ +CO	<4	mol-%
NO	<2,5	mol-ppm
NO ₂	<2,5	mol-ppm
NO _x	<5	mol-ppm
H ₂ S	<5	mol-ppm
Carbonylsulfide (COS)	<0,1	mol-ppm
(CH ₃) ₂ S	<1,1	mol-ppm
H ₂ S + COS +SO _x +(CH ₃) ₂ S	<20	mol-ppm
Amines	<1	mol-ppm
Acetaldehyde	<0,2	mol-ppm
NH ₃	<3	mol-ppm
C ₂ H ₄	<1	mol-ppm
HCN	<2	mol-ppm
Methanol	<350	mol-ppm
Ethanol	<20	mol-ppm
Glycols (TEG)	<500	mol-ppb
Total volatile organic compounds (excluding methanol, ethanol and aldehydes)	<2	mol-ppm
C ₂ + (aliphatic hydrocarbons)	<1200	mol-ppm
Aromatic hydrocarbons	<100	mol-ppb
Dew point (any liquid phase)	<-10	°C (at 20 bar)