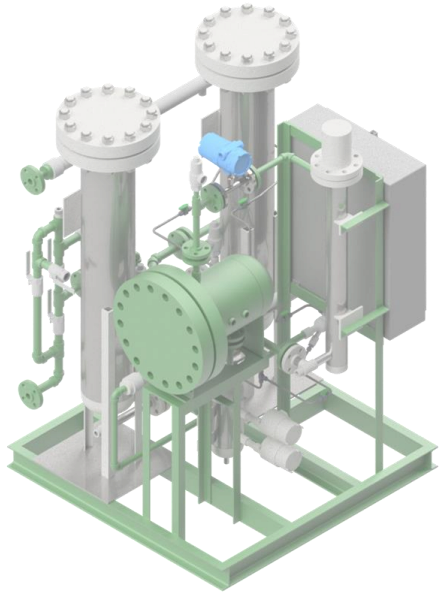
LECTRODRYER

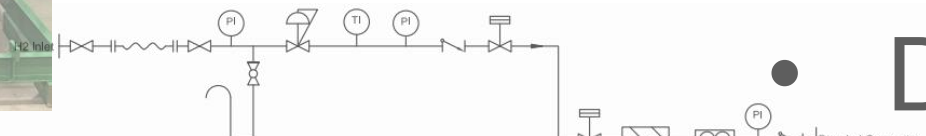
ISO 14687:2019

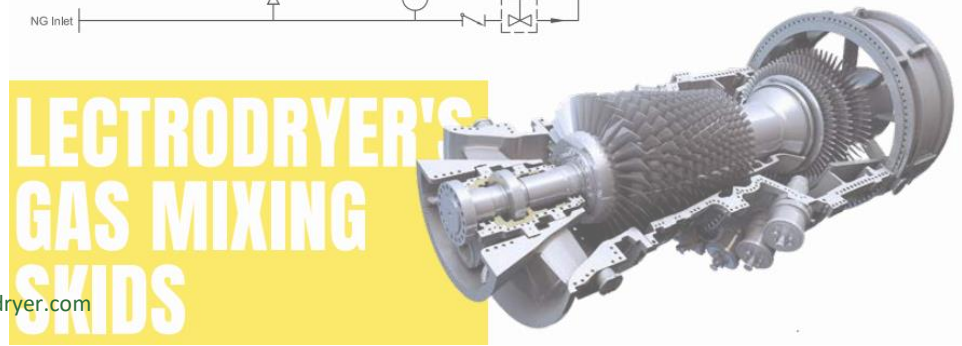
Constituents (assay)	Type I			Type II	Type III
	Grade A	Grade B	Grade C	Grade C	
Hydrogen fuel index[a] (minimum mole fraction, %)	98,0 %	99,90 %	99,995 %	99,995 %	99,995 %
Para-hydrogen (minimum mole fraction, %)	NS	NS	NS	95,0 %	95,0 %
Impurities (maximum content)					
Total gases	20 000 µmol/mol	1 000 µmol/mol	50 µmol/mol	50 µmol/mol	
Water (H_2O) (mole fraction, %)	Non-condensing at all ambient conditions[b]	Non-condensing at all ambient conditions	c	c	
Total hydrocarbon	100 µmol/mol	Non-condensing at all ambient conditions	c	c	
Oxygen (O_2)	b	100 µmol/mol	d	d	
Argon (Ar)	b		d	d	
Nitrogen (N_2),	b	400 µmol/mol	c	c	
Helium (He)			39 µmol/mol	39 µmol/mol	
Carbon dioxide (CO_2)			e	e	
Carbon monoxide (CO)	1 µmol/mol		e	e	
Mercury (Hg)		0,004 µmol/mol			
Sulfur (S)	2,0 µmol/mol	10 µmol/mol			
Permanent particulates	g	f	f	f	
Density					f

Gas Purification / Drying Green Energy



- Hydrogen Dryer
- Carbon Dioxide Dryer
- Renewable / Conventional Natural Gas Dryer
- Gas Mixing Skid H_2 + CH_4
- Deoxo: Oxygen Removal





Questions?

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