































FC – Requii	rements to	wards ga	as quality			
	Low tem	perature	FC ←	+ → Higl	n temperature	e FC
FC-Type Gas comp. Ter	<b>PEFC</b> np.°C 80	<b>AFC</b> 100	<b>PAFC</b> 200	<b>MCFC</b> 650	<b>SOFC</b> 800-1000	
H2	F	F	F	F	F	
$CH_4, C_nH_m$	IG	poison	IG	IG/F	F	
CO <sub>2</sub> , H <sub>2</sub> O	IG	poison	IG	React.	IG	
СО	poison (<50ppm)	poison	poison (<500ppm)	F	F	
H₂S, COS	n.d.	poison	poison (<50ppm)	poison (<0.5ppm)	poison (<1.0ppm)	
NH <sub>3</sub>	poison	F	poison	F	F	
Halogens	n.d.	n.d	poison	poison	poison	

Gas type	H2	CH4		CO2	N2		125	NH3	Ot	ners
	V01/0	101/6	V01/6	1 40176	V01/6	101/8	ppin	- ppin		
Biogas from fern	nentation									
<sup>1</sup> Biogas from agricultural biogas plants	0	55-70	-	30-45	0-2	ł.	500	100	S	iloxane, xygen
Sewage gas	-	65	-	35	-	L	000	100	S	iloxane, xygen
<sup>2</sup> Landfill gas	-	50-60	-	40-50	-	ſ	0-50		A C S	romates, hlor comp., iloxanes
Dia mana ang fasa						1				
<sup>3</sup> Biomass- gasification	4,5	14,8	-	10,6	39,6	19,1	00	2000	C (	ust, Tar 000ppm)
Fossil						-				
Natural gas	-	93	4,9	1	1,1	L				ert gas









