



"Maxton" LLC

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www.makston.ru

Our Ref. 01/3011 from 30.11.2015

To Chief Executive Officer

Letter

"Makston" LLC is looking for suppliers of pressure swing adsorption (PSA) units.
We kindly ask you to send your commercial offer to our address.
Operating parameters of PSA unit are enclosed.
Please, send your offers to email: 22@makston.ru for CEO Maxim Polevoy.

If you have any technical questions, please contact Alexander Gadetskiy:
Skype: [alexander.gadetskiy](https://www.skype.com/user/alexander.gadetskiy)
Telephone: +40 (748) 148 257
E-mail: alexander.gadetskiy@inbox.lv

Kind regards,
Makston LLC CEO



M.L. Polevoy

Параметры работы блока КЦА на установке по производству водорода.

Параметры водородсодержащего газа на входе в КЦА, **поток 18**

Параметры водорода с чистотой 98% масс. на выходе с КЦА, **поток 20**

Параметры сбросного газа с КЦА, **поток 19**

Состав газа на входе в КЦА (предварительно), в %масс

CH4	40.31%
CO2	1.10%
CO	37.98%
N2	6.27%
H2O	14.34%

FROM B.L								
Stream Number		13	14	15	16	18	19	20
Stream Phase		L+V	L+V	L+V	L+V	V	L+V	V
Temperature	°C	150.0	124.2	56.0	40.0	40.0	48.6	39.8
Pressure	barg	20.2	19.9	19.5	19.3	18.9	17.5	18.5
Total Mass Flow	kg/h	3125.1	3125.1	3125.1	3125.1	1687.0	1472.3	214.6
Vapor Mass Flow	kg/h	2596.3	2064.0	1702.3	1686.9	1687.0	1467.7	214.6
Std Gas Flow	Sm ³ /h	5736.7	5736.7	5736.7	5736.7	3852.1	1336.6	2515.5
Gas Flow	Nm ³ /h	5438.4	5438.4	5438.4	5438.4	3651.8	1267.1	2384.7
Mass Density	kg/m ³	7.430	7.140	7.787	8.077	7.919	18.517	1.502
Liquid Vol Flow	m ³ /h	6.430	5.896	5.534	5.518	5.518	2.443	3.070
Actual Liquid Flow	m ³ /h	0.585	1.144	1.445	1.443	***	0.005	***

Мы открыты для сотрудничества

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Certificate of registration on engineering activities and technical consultations №

F4/172/17.02.2014 CEO and founder «Engineering&Consulting PFA

AlexanderGadetskiy»

17.11.15