

GAS DESULPHURISATION

Reference List



UGN
UMWELTECHNIK



location 24994 Weesby (Germany)
application Desulphurisation of an agricultural biogas plant
system BGM2.000
flow rate 350 Nm³/h
Max. 200 ppm H₂S
operation 2020 (Projekt 2020/006)



location 25926 Bramstedtlund (Germany)
application Desulphurisation of an agricultural biogas plant
system BGM2.000
flow rate 335 Nm³/h
Max. 200 ppm H₂S
operation 2020 (Projekt 2020/007)



location 84076 Pfeffenhausen (Germany)
application Desulphurisation of an agricultural biogas plant
system BGM2.800
flow rate 350 Nm³/h
Max. 250 ppm H₂S
operation 2020 (Projekt 2020/001)



location 25767 Albersdorf (Germany)
application Desulphurisation of an agricultural biogas plant
system BGM2.000
flow rate 390 Nm³/h
Max. 550 ppm H₂S
operation 2020 (Projekt 2020/025)

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location 27524 Meckelstedt (Germany)
application Desulphurisation of an agricultural biogas plant
system BGM1.400
flow rate 50 Nm³/h
500 ppm H₂S (average)
operation 2020 (Projekt 2020/016)



location 59609 Anröchte (Germany)
application Desulphurisation of an composting plant
system BEKOM H 5.0
flow rate 300 Nm³/h
200 ppm H₂S (average)
operation 2020 (Projekt 2018/030)



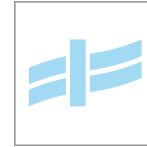
location 09306 Erlau (Germany)
application Desulphurisation of an agricultural biogas plant
system BEKOM H 10.0
flow rate 225 Nm³/h
500 ppm H₂S (average)
operation 2020 (Projekt 2020/014)



location 8833 Samstagern (Switzerland)
application Desulphurisation of a compostation and lowering of costs
system BEKOM H 5.0
flow rate 80...160 Nm³/h
Max. 500 ppm H₂S
operation 2021 (Projekt 2019/006)

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location 91598 Colmberg (Germany)
application Desulphurisation of an agricultural biogas plant
system BGM1.000
flow rate 30...40 m³/h
1500...1700 ppm H₂S
operation 2020 (Projekt 056/18)



location 78224 Singen (Hohentwiel) (Germany)
application desulphurization of a biowaste fermentation plant
system BEKOM H 25.0 Duo
flow rate 500 - 1.500 Nm³/h
200 - 500 ppm H₂S
operation 2019 (Projekt 041/17)



location 14806 Bad Belzig, OT Schwanebeck (Germany)
application desulphurization of a biowaste fermentation plant
system BEKOM H plant 12.0
flow rate 450 Nm³/h (daily mean value)
500 ppm H₂S (daily mean value)
operation 2019 (Projekt 011/19)

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location 04720 Großweitzschen/OT Westewitz (Germany)
application Desulphurisation of an agricultural biogas plant
system BEKOM H-plant 12.0
flow rate 400 Nm³/h (daily mean value)
 600 ppm H₂S (daily mean value)
operation 2019 (Project 004/19)



location 1373 Chavornay (Switzerland)
application Biogas desulphurisation of a composting plant
system BEKOM H-plant 6.0
flow rate 300 Nm³/h
 100 - 300 ppm H₂S (daily mean value)
operation 2019 (Project 045/18)



location 14913 Meinsdorf (Germany)
application Desulphurisation of an agricultural biogas plant
system 2 x BEKOM H-plant 5.0
flow rate each plant ... 500 m³/h
 each plant ... max. 100 ppm H₂S
operation 2019 (Project 055/18)



location 5313 Klingnau (Switzerland)
application Desulphurization of an agricultural biogas plant
system BEKOM H-plant 6.0
flow rate 300 Nm³/h
 100 – 300 ppm H₂S
operation 2019 (Project 044/18)



location	93410 San Luis Obispo AD (USA)
application	desulphurization of a biowaste fermentation plant
system	BEKOM H-plant 5.0
flow rate	400 m ³ /h 400 – 600 ppm H ₂ S
operation	2018 (Project 052/16)

location	17179 Altkalen OT Lüchow (Germany)
application	desulphurization of an agricultural biogas plant
system	BEKOM H-plant 12.0
flow rate	400 – 1.100 Nm ³ /h 450 ppm H ₂ S (daily mean value)
operation	2018 (Project 046/18)

location	98660 Ehrenberg
application	desulphurization of an agricultural biogas plant
system	UGN®-BEKOM H system with 2 biogas filter modules
flow rate	max. 250 Nm³/h 10 ppm H2S (daily mean value)
operation	2018 (Project 007/18)

location	84070 Pfeffenhausen (Germany)
application	desulphurization of an agricultural biogas plant
system	2 x BEKOM H-plant 12.0
flow rate	per plant ... 300 Nm ³ /h per plant ... 300 ppm H ₂ S (daily mean value)
operation	2017 and 2018 (project 016/17 and 016E/17)

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location 48465 Ohne (Germany)
application desulphurization of an agricultural biogas plant
system BEKOM H-plant 7.0
flow rate 200 Nm³/h
400 ppm H₂S (daily mean value)
operation 2017 (project 022/15)



location 90556 Cadolzburg (Germany)
application desulphurization of a biogas plant that runs on renewable sources
system BEKOM plant 5.0
flow rate 1.500 Nm³/h
150 ppm H₂S
operation 2017 (project 060/12)



location 6242 Wauwil (Switzerland)
application desulphurization of a biowaste fermentation plant
system BEKOM H-plant 5.0
flow rate each 125 to 250 Bm³/h
500 to 1.350 ppm H₂S
operation 2017 (project 037/16)



location 06528 Edersleben (Germany)
application desulphurization of an agricultural biogas plant
system BEKOM H-plant 5.0
flow rate each 250 Nm³/h
500 ppm H₂S (daily mean value)
operation 2016 (project 036/16)

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location 63-200 Jarocin (Poland)
application desulphurization of a waste management plant
system BEKOM H-plant 4.0
flow rate 220 Nm³/h
400 ppm H₂S
operation 2016 (project 032/15)



location 06061 Castiglione del Lago (Italy)
application Desulphurisation of an agricultural biogas plant
system BEKOM H-plant 10.0
flow rate 145 m³/h
1.500 – 2.000 ppm H₂S
operation 2016 (project 027/15)



Standort 40062 Molinella (Italy)
Aufgabe Desulphurisation of an agricultural biogas plant
Lösung BEKOM H-plant 5.0
Volumenstrom 110 m³/h
1.000 ppm H₂S
Inbetriebnahme 2016 (project 027/15)



location 19258 Boizenburg/Elbe (Germany)
application sewage gas desulphurization (sewage plant)
system BEKOM H-plant 4.0
flow rate 120 Nm³/h
1.700 ppm H₂S (maximal)
operation 2016 (project 001/15)

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location 24392 Süderbrarup (Germany)
application desulphurization of an agricultural biogas plant
system 2 x BEKOM H - plant 2,5
flow rate each unit 250 Nm³/h
50 ppm H₂S (daily mean value)
operation 2015 (project 019/15 and 020/15)



location 73479 Ellwangen-Pfahlheim (Germany)
application desulphurization of an agricultural biogas plant
system BEKOM H - plant 10,0
flow rate 250 Nm³/h
1.000 ppm H₂S (daily mean value)
operation 2015 (project 002/15)



location 37688 Beverungen-Wehrden (Germany)
application landfill gas desulphurization of a waste management plant
system BEKOM H - plant 1,5
flow rate 80 Nm³/h
750 ppm to 1.500 ppm H₂S
operation 2015 (project 003/15)



location 48249 Dülmen-Merfeld (Germany)
application desulphurization of an agricultural biogas plant
system BEKOM H - plant 7,0
flow rate 380 Nm³/h
to 200 ppm H₂S
operation 2014 (project 035/14)

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location 07778 Zimmern (Germany)
application desulphurization of an agricultural biogas plant
system BEKOM H - plant 7,0
flow rate 280 Nm³/h
to 400 ppm H₂S
operation 2014 (project 019/14)



location 43052 Colorno (Italy)
application desulphurization of an agricultural biogas plant
system BEKOM H - plant 10,0
flow rate 170 Nm³/h to 250 Nm³/h
2.500 to 5.000 ppm H₂S
operation 2014 (project 028/14)



location 61194 Ilbenstadt (Germany)
application desulphurization of a biowaste management plant
system BEKOM H - plant 10,0
flow rate 500 Nm³/h
to 750 ppm H₂S
operation 2014 (project 008/14)



location 29379 Wittingen (Germany)
application desulphurization of an agricultural biogas plant
system BEKOM H - plant 10,0
flow rate 500 Nm³/h to 1.500 Nm³/h
to 100 ppm H₂S
operation 2014 (project 009/14)

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location 97359 Münsterschwarzach (Germany)
application desulphurization of an agricultural biogas plant
system BEKOM H - plant 4,0
flow rate 200 Nm³/h
to 500 ppm H₂S
operation 2014 (project 079/13)



location 97493 Bergtheimfeld (Germany)
application desulphurization of a waste fermentation plant
system BEKOM H - plant 10,0
flow rate 400 Nm³/h
500 to 1.000 ppm H₂S
operation 2014 (project 032/13)



location 85134 Stammham (Germany)
application desulphurization and precipitation of essential oils of a biowaste fermentation plant
system BEKOM H - plant 4,0
flow rate 200 Nm³/h
to 500 ppm H₂S
operation 2013 (project 028/13)



location 84088 Neufahrn (Germany)
application desulphurization of an agricultural biogas plant
system BEKOM H - plant 10,0
flow rate 240 Nm³/h
to 1.000 ppm H₂S
operation 2013 (project 009/13)

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location 25709 Kronprinzenkoog (Germany)
application desulphurization of an agricultural biogas plant
system BEKOM H - plant 10,0
flow rate 400 Nm³/h
to 400 ppm H₂S
operation 2013 (project 063/12)



location 81010 Dragoni (Italy)
application desulphurization of an agricultural biogas plant
system BEKOM H - plant 1,5
flow rate 50 Nm³/h
to 750 ppm H₂S
operation 2013 (project 008/13)



location 36251 Bad Hersfeld (Germany)
application desulphurization upstream of a Power to Gas plant
system BEKOM - plant 2,0
flow rate 100 Nm³/h
to 1.000 ppm H₂S
operation 2013 (project 019/12)



location 93345 Haussen (Germany)
application desulphurization of an agricultural biogas plant
system BEKOM H - plant 10,0
flow rate 200 Nm³/h
to 500 ppm H₂S
operation 2012 (project 012/12)

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location Skövde (Sweden)
application Off-Gas desulphurization downstream of biomethane purification
system BEKOM H - plant 7,0
flow rate 800 Nm³/h
to 100 ppm H₂S
operation 2012 (project 100/11)



location 59964 Medebach, 36251 Bad Hersfeld,
92444 Hermannsbrunn, 92421 Schwandorf (GER)
27014 Genzone (Italy)
application desulphurization of an agricultural biogas plant
system BEKOM H - plant 1,0
flow rate 25 to 50 m³/h
operation 2011/2012 (project 091/11)



location 07952 Unterreichenau (Germany)
application desulphurization of an agricultural biogas plant
system BEKOM H - plant 7,0
flow rate 200 Nm³/h
to 300 ppm H₂S
operation 2011 (project 029/11)



location 76646 Bruchsal (Germany)
application fine-desulphurization of an agricultural biogas plant
system BEKOM H - plant 10,0
flow rate 400 Nm³/h
to 100 ppm H₂S
operation 2011 (project 040/11)

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location 99086 Erfurt (Germany)
application desulphurization of a waste fermentation plant
system BEKOM - plant 10,0
flow rate 200 Nm³/h
5.000 ppm to 24.000 ppm
operation 2011 (project 019/11)



location 74635 Kupferzell (Germany)
application desulphurization of an agricultural biogas plant
(bioenergy village)
system BEKOM H - plant 4,0
flow rate 300 Nm³/h
to 200 ppm H₂S
operation 2011 (project 006/11)



location 26169 Gehlenberg (Germany)
application desulphurization of a waste fermentation plant
system BEKOM H - plant 20,0
flow rate 880 Nm³/h
400 ppm to 4.000 ppm H₂S
operation 2010 (project 032/10)



location Marquette (France)
application Off-Gas desulphurization biomethane
purification; Cleaning of exhaust air from biogas
desulphurization by pressure swing adsorption.
system hybridfilter modular system L Jumbo
flow rate 200 m³/h
operation 2009 (project 025/07)



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location	Belize (Central America)
application	sewage gas desulphurization (sewage plant)
system	BEKOM H - plant L Jumbo
flow rate	sewage gas 50 m ³ /h; discountinuous 3.500 ppm H ₂ S
operation	2009 (project 030/09)



location	95126 Schwarzenbach/Saale (Germany)
application	sewage gas desulphurization of a pilot plant (Enviro)
system	hybrid-biogas pipe filter DN 400
flow rate	300 l/h
operation	2008 (project 069/08)



location	37355 Niederorschel (Germany)
application	desulphurization of an agricultural biogas plant
system	BEKOM H - plant 1.0 with replacement cartridge
flow rate	100 m ³ /h; 800 ppm H ₂ S
operation	2008 (project 046/07)



location	04539 Groitzsch/OT Großstolpen (Germany)
application	desulphurization of an agricultural biogas plant
system	BEKOM - plant 5.0
flow rate	200 m ³ /h; 2.400 ppm H ₂ S
operation	2007 (project 023/07)
extension	2008 (project 089/08)