Kühlwasser, 20 °C
LA01-BA009
UER-2345678
283
LA01-LR024.10000-25-10H1200 NV 221

Kühlwasser, 20 °C
LA01-BA007
UER-2345678
282
LA01-LR030.10000-25-10H1200 NV 221

Zur Abluftreinigung
LA01-BA112
UER-2345678
274
LR004.80152-25-10H2200 FC 216

SPAS123
AS001
2.0 barg
25

PRC P0023

LR040.22040-80-40C1200 NF 223

WA008

WA009

LR049.31020-25-10H1200 NV 221

TI T0025
AB052 25
AB053 25
LR046.10000-25-10H1200 NV 221
278
Kälteerzeugung
LA01-WA006
UER-2345678
AB055 25
AB054 25
LA01-LR045.10000-25-10H1200 NV 221
279
Sole, - 15 °C
LA01-WA007
UER-2345678
TI T0023
FI F0023
LR044.10000-25-10H1200 NV 221
280
Kühlwasser-Rücklauf
LA01-WA008
UER-2345678
LA01-LR043.10000-25-10H1200 NV 221
281
Kühlwasser, 20 °C
LA01-WA009
UER-2345678

LR048
LR017.19032-50-10H2200 FC 216
AG002
AG001

YS Y0012
AB056 25
AB057 25
AH004 25

LA01-LR019.10000-25-10H1200 NV 221
284
N2
LA01-BA002
UER-2345678
LR018.22040-25-40C1200 NF 223
AB058 25
N2 25
N1 25
Vakuumstation
N3 25
LR021.22010-25-10B1213 NV 222
LR020.22010-25-10B1213 NV 222
285
Abluftreinigung
LA01-WA211
UER-2345678
YS Y0013
PIC P0022
YS Y0014

TRC T0029
N7 25
N8 80
N6 25 25
N9 80
LR011.70006-80-10H2200 FJ 216
AB045 80
AB043 N10 25 25 25
AH003 80
AB046 80
YS Y0015
80 / 50
KA002
24
13
10
1
LQ042.80153-25-10H2200 FC 216
PDI P0018
LQ001.80153-25-10H2200 FC 216
YS Y0009
UC U0020
FRC F0017
FIR F0018
AB025 80
AB026 80
AB024 80

LR028.22010-25-10B1213 NV 222
LA01-LR030.10000-25-10H1200 NV 221
LA01-LR024.10000-25-10H1200 NV 221
LR023.22010-25-10B1213 NV 222
LR022.80150-25-10H2200 FC 216
10H2200 FC 246
10H2200 FC 216

WA010
N3 25
LR015.62004-80-10HB100 FC 246
N1 80
N2 80
AB060 80
N4 25
LR012.59020-80-10H2200 FC 216
LR027.10000-25-10H1200 NV 221
286
Kühlwasser-Rücklauf
LA01-BA007
UER-2345678
LR013.10000-80-25N9999 FC 999
TI T0022
N3 25
N1 50
N4 25
WA006
AB050 25
N2 25
LR029.14030-25-10B1213 NF 254

TI T0030
FRC F0025
YS Y0011
LA01-LR005.19027-80-10H2200 FC 216
25 25
Von Konzentration
LA01-PA110
UER-2345678
275
AB003 80 80
N5 80
AB002 80
AH001 80
TRC T0031
N4 25 25

LR010.50011-80-10H1200 NV 221
LR020.22010-25-10B1213 NV 222
LR041.50011-25-10H1200 NV 221
AB021 25
AB022 80
AB023 25
N1 25
N2 80
N3 25
LIC L0012
TI T0021
BA100
PI P0017
PI P0016
AB017 50 50
AB018 80
AB019 80
AB020 50 50
N2 80
PA104
PA103
N1 80
N4 80
M
AB062 80
AB063 50
AB064 80
AB065 50
LR050.60019-80-25GE200 FD 236
LR016.70006-80-10H2200 FJ 216

AB051 25
N2 25
N1 25
BA101
LI L0009
TI T0026
N3 25
LR032.59019-25-10H2200 FC 216
AB059 25
Zur Verbrennungsanlage
LR001.14030-50-10C1200 NF 254

LR039.14011-80-10B1202 NV 222
287
Tankager
LA01-BA111
UER-2345678
AB061 80
AB031 25
AB027 80
AB028 25
AB032 25
AB029 80
AB030 25
N1 25
N2 80
N3 25
LI L0010 AH AL
TI T0027
LI L0008 AH AL
TI T0028
FQI F0024
80 80
BA102
BA103
N4 80
AB041 80
AB042 80
LR035.14011-80-10B1202 NV 222
LR036.80000-80-40H411 FD 101
PI P0019
PI P0020
AR001 80
AB037 80 80
AB038 80
AB039 80
AB040 80 80
PA102
PA105
LR038.14011-80-10B1202 NV 222
LR037.14011-80-10B1202 NV 222
AB033 50
AB034 50
AB035 80
AB036 50

LR047.60019-25-25GE200 FD 236
TRC T0032
N3 25
25 N11 25
N2 25 25
AB044 25 25
LRC L0011 AH AL
N1 25
YS Y0010
AB005 25
N3 25
N2 25
N1 25
WA007
AB004 25
AH002 25
N4 50
FRC F0026
AB007 25
AB008 25
AK001 25
AB006 25
LR009.12000-80-10B1213 NV 221
LR008.50010-50-10H1200 NV 221
Kühlwasser-Vorlauf
LA01-WA112
UER-2345678
276
LA01-LR006.60019-25-25GE200 FD 236
Kühlwasser-Rücklauf
LA01-WA112
UER-2345678
277
LR007.14000-25-1010B1202 NV 222

PI P0024
PI P0021
AB013 50 50
AB014 50
AB016 50 50
AB015 50
32 / 50
N2 32
PA101
PA100
M
N1 50
80 / 50
AB009 80
AB010 50
AB011 80
AB012 50
LR033.12000-80-10B1213 NV 221

YS Y0008
AB047 50
AB048 50
AB049 50

LR031.10000-25-10H1200 NV 221
288
Kühlwasser-Rücklauf
LA01-BA007
UER-2345678

AKZ		PA104	PA105	WA006	WA007	WA008	WA009	WA010
description		Kreiselpumpe	Kreiselpumpe	Rückstandskühler	Umlaufverdampfer	Gaskühler	Kondensator	Destillatkühler
technical data		5 m^3/h 1450 U/min h = 30 m	10 m^3/h 1450 U/min h = 40 m	0,5 m^2 d = 100 h = 2500	15 m^2 d = 350 h = 2500	5 m^2 d = 200 h = 2500	20 m^2 d =400 h = 2500	5 m^2 d = 100 h = 2500
design pressure	bar	0,3	0,4	0,5 / 0,5	0,3 / - 0,1	0,3 / - 0,1	0,3 / - 0,1	0,6 / 0,6
design temperature	°C			250	250	200	200	100
material		GGG-40	GGG-40	HIVST35	1.4571	1.4571	1.4571	1.4571
drawing no.								
remark								

AKZ		BA100	BA101	BA102	BA103	KA002	PA100	PA101	PA102	PA103
description		Destillatbehälter	Behälter	Behälter	Behälter	Glockenbodenkolonne	Kreiselpumpe	Kreiselpumpe	Kreiselpumpe	Kreiselpumpe
technical data		0,63 m^3 d = 900 h = 1400	1 m^3 d = 1000 h = 1800	6,3 m^3 d = 1800 h = 3200	6,3 m^3 d = 1800 h = 3200	24 Glockenböden d = 1200 h = 9000	1 m^3/h 1450 U/min h = 25 m	1 m^3/h 1450 U/min h = 25 m	10 m^3/h 1450 U/min h = 40m	5 m^3/h 1450 U/min h = 30 m
design pressure	bar	0,3	0,3	0,3	0,3	0,2 / - 0,1	0,25	0,25	0,4	0,3
design temperature	°C	150	150			250				
material		1.4571	HH / 35	1.4571	1.4571	1.4571	1.4308	1.4308	GGG-40	GGG-40
drawing no.										
remark										

Rev.-Status	Date	Description	Designed	Checked	Approved
0	2020-03-18	Entwurf	inbnb		

Major Revision No.: 0
Major Revision Date: 2020-03-18
Revisions Status

Current Status: 2020-03-18
Scale: 1:1
Creator: 2020-03-12 inbnb
Last Editor: inbnb
Copyright: acc. ISO 16016
CONFIDENTIAL

COVPIL1-V999-TA99

Document Type: P&IDs
Drawing Title:
Reaktion Str.1
Teil 2 (Musterfließbild)

Drawing-No.: UER-1234567
Format: A1.PID
In Design
Project Title: COVPIL
As-Built

File Name: UER-1234567.pid
Storage Location: SmartPlantFoundation
Drawing created Acc: WN 9050
AKZ Acc: WN 9060

Industrial Complex
Process Area: COVPIL1-V999
Subprocess: COVPIL1-V999-TA99
Technical Equipment

Site: COVPIL
Building: E24
Plant: Makrolon Primärpro.

0 50 100 mm