DUST FILTER
10 mg/m³
350 m³/min

DUST FILTER
10 mg/m³
350 m³/min

1.1.9

1.1

2xDN400 2xDN250

2xDN400 2xDN250

DCS-SILO 1
3.500m³ GROSS

DCS-SILO 2
3.500m³ GROSS

1x

STEAM/DUST
FROM HUMIDIFIER

FAN

1.4.4.19
SCRUBBER

POTABLE WATER
BY CLIENT

SLURRY DISCHARGE
TO HUMIDIFIER

ONE SCRUBBER SERVES
BOTH SILOS

1 2 3 4 5 6 7 8 M

FROM
WORKNET

10 20 30 40

1 2 3 4 5 6 7 8 M

15 25 35 45

FROM
WORKNET

70 60 65 75

1.4.4.16.1

1.4.3.24.1

50

200 t/h

1.4.3.7 Size 40

20

Size 40

1.4.4.5

25

Size 40

30

Size 40

60

1.4.4.5

65

35

Size 40

1.4.1.5 Size 30

1.4.5.2 Size 30

10

40

70

75

45

15

1.4.4.9

1.4.4.9

200 t/h

8-12% H_2O

1.4.4.10

1.4.4.10

8-12% H_2O

1.4.1.14

1.4.2.14

DUST FILTER
10 mg/m³
100 Bm³/min

1.4.3.27

1.4.3.11

1.4.3.11 Size 30

50

50

1.4.3.17
100 t/h

100 t/h

1.4.1.10
100 t/h

1.4.2.10
100 t/h

DRY LOADING

BELT CONVEYOR
(REVERSIBLE)

BELT CONVEYOR
(MOVABLE)

200 t/h
1.4.4.12

EMERGENCY
WET LOADING

DRY LOADING

RAILWAY
DRY LOADING

TO LANDFILL AREA

PREHOPPER IN HIDDEN LINE
ARE NOT IN OUR SCOPE OF SUPPLY

3.8

3.16.5

SCREW CONVEYOR
(REVERSIBLE) 3.12

22-25% H_2O

22-25% H_2O

WATER DOSING STATION

BELT CONVEYOR
(REVERSIBLE)

ALL EQUIPMENT IN HIDDEN LINE
ARE NOT IN OUR SCOPE OF SUPPLY

ALL EQUIPMENT IN HIDDEN LINE
ARE NOT IN OUR SCOPE OF SUPPLY

CONTROL AIR STATION, 3.5

BATTERY LIMIT

012	17.06.2014	PAE/AK	FP/MAK	REVISED AS MARKED & EQUIPMENT No. ADDED
011	23.01.2014	PAE/AK	FP/MAK	REVISED AS MARKED
010	16.01.2014	PAE/AK	FP/MAK	REVISED AS MARKED
009	01.11.2013	PAE/AK	FP/MAK	REVISED AS MARKED
008	23.09.2013	DC/MAK	FP/MAK	SILO DISCHARGE EQUIPMENT MODIFIED
007	06.08.2013	DC/MAK	FP/MAK	EQUIPMENT FOR HUMIDITY MIXER ADDED
006	25.07.2013	PAE/AK	FP/MAK	BELT CONVEYOR & LOADING SILO ADDED (LANDFILL STATION)
005	16.05.2013	PAE/AK	FP/MAK	BLOWER ADDED
004	09.02.2012	DC/MAK	FP/MAK	FILTER SYSTEM MODIFIED
003	02.02.2012	DC/MAK	FP/MAK	SILO DISCHARGE REVISED
002	24.10.2011	PAE/AK	FP/MAK	SECOND SILO ADDED
001	22.09.2011	PAE/AK	FP/MAK	FIRST ISSUE
REV.	DATE.	DESIGNED	APPROVED	REV. TEXT

FLSmidth HAMBURG GmbH

MÖLLER

PRINT INFO: 17 Jun 2014 - 18:45:56
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PROTECTIONMARK DIN 34 / DIN ISO 16016

CLIENT: IAEH
PROJECT: E.ON RUSSIA - PP BEREZOVSKAYA

FLY ASH HANDLING SYSTEM
STORAGE SILO

P&I-DIAGRAM FOR UNIT 1

Date	Designed by	Approved by	Scale		Doc. Status
22.09.2011	PAE/AK	FP/MAK	1:1.5	DIN EN ISO 9001	2
	Drawing No. / CAD-Filename				Rev.
	MDE01632-1201-95492-0005				012