



Reliable

Protection against flue gas blowback through uniform filling of the feed chute

Cost effective

Optimal utilization of the bunker capacity by ensuring steady, even filling

User friendly

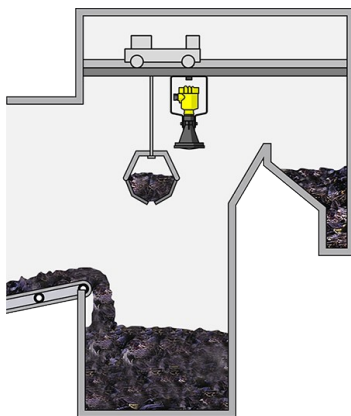
Constantly updated measurement data allows easy control of the grab crane

Waste storage bunker

Level measurement in the waste storage bunker

The waste storage bunker in the reception hall is an important part of the EFW incineration plant. Its purpose is to provide a place to store, buffer and uniformly mix the delivered waste and ensure a continuous supply of waste to the incinerator. A grab crane transports the waste to the feed chute of the furnace. To ensure efficient operation of the plant, a reliable and accurate level measuring system is required in the waste storage bunker. In addition, the level in the feed chute must be monitored to protect against a blowback of flue gas.

[More details](#)



VEGAPULS 6X

Non-contact level measurement with radar in a waste storage bunker

- Reliable even under difficult process conditions
- Non-contact, maintenance-free measurement
- High reliability ensured through immunity to noise

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VEGAPULS 6X
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Measuring range - Distance

120 m

Process temperature

-196 ... 450 °C

Process pressure

-1 ... 160 bar

Accuracy

± 1 mm

Frequency

6 GHz

26 GHz

80 GHz

Beam angle

≥ 3°

Materials, wetted parts

PTFE

PVDF

316L

PP

PEEK

Threaded connection

≥ G¾, ≥ ¾ NPT

Flange connection

≥ DN20, ≥ ¾"

Hygienic fittings

Clamp ≥ 1½" - DIN32676, ISO2852

Slotted nut ≥ 2", DN50 - DIN 11851

Varivent ≥ DN25

hygienic fitting with tension flange DN32

hygienic fitting F40 with compression nut

Hygienic screw connections ≥ DN50 tube ø53 -

DIN11864-1-A

Hygienic flange connection ≥ DN50 DIN11864-2

Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864-

3-A

DRD connection ø 65 mm

SMS 1145 DN51