



## Salt silo

- Reliable
- Ensures the supply of salt
- Cost effective
- Efficient and simple planning of deliveries
- User friendly
- Simple installation and commissioning

### Level measurement in the road salt silo

During the winter season the highways and road maintenance departments safeguard the roads, public squares and pedestrian paths by clearing off snow and ice. The quantities of road salt required are stored in silos and when needed, loaded onto snowploughs. Reliable level measurement is necessary for the optimal and adequate stocking of the salt. The stock level information is transmitted to the central control centre.



### VEGAPULS Air 42

Road salt silo inventory measurement with autarkic radar level sensor

- Precise measurement data is maintained, despite extreme dust generation and deposits on the sensor face
- Simple retrofitting and installation is facilitated by battery power and wireless communication technology
- Reliable measured values ensure optimal and timely resupply



### VEGA Inventory System

Software for acquisition and visualization of level data.

- Easy access to live data around the clock
- Accurate, up-to-date information on filling levels
- Numerous functions simplify inventory management
- Fully automatic and timely notification of replenishment requirements
- Increased security of supply





#### VEGAPULS Air 42

Measuring range - Distance  
30 m

Process temperature  
-20 ... 60 °C

Process pressure  
-1 ... 2 bar

Accuracy  
± 2 mm

Frequency  
80 GHz

Beam angle  
4°

Materials, wetted parts  
PVDF

Flange connection  
≥ DN80

Seal material  
EPDM  
FKM

Housing material  
Plastic

#### VEGA Inventory System