



Reliable

Reliable water level measurement ensures optimal operation of the process

Cost effective

Maintenance-free measurement with high accuracy

User friendly

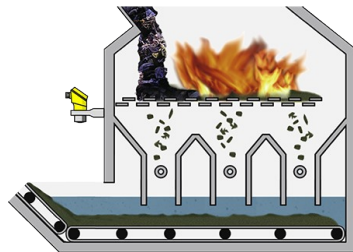
Simple mounting and setup

Wet deslagger

Level measurement in the wet deslagger

In a coal fired power station, either hard coal or brown coal is burned as the main energy source. Most plants have a so-called "wet deslagger" for removing the bottom ash (slag) from the combustion chamber. Level control in the wet deslagger fulfils two important functions: First and foremost, it controls the water level, which cools and removes the hot slag. Secondly, it maintains a hermetic seal on the furnace chamber - a reliable level measurement avoids unwanted air that would otherwise get sucked into the combustion chamber.

[More details](#)



VEGAPULS 31

Continuous level measurement with radar in the wet deslagger

- Wear and maintenance-free through non-contact measurement
- High accuracy also with small measuring ranges
- Long service life through high chemical resistance

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VEGAPULS 31[Show Product](#)**Measuring range - Distance**

15 m

Process temperature

-40 ... 80 °C

Process pressure

-1 ... 3 bar

Accuracy

± 2 mm

Frequency

80 GHz

Beam angle

8°

Materials, wetted parts

PVDF

Threaded connection

G1½, 1½ NPT, R1½

Seal material

FKM

Housing material

Plastic