



#### Reliable

Reliable water level measurement ensures optimal operation of the process

#### Cost effective

Maintenance-free measurement with high accuracy

#### User friendly

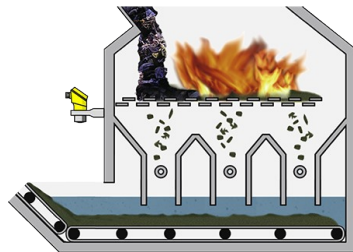
Simple mounting and setup

## 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