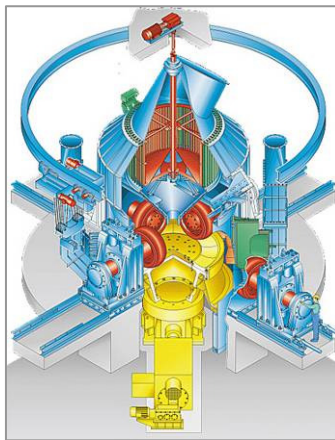




Polysius ThyssenKrupp

Condition Monitoring at a stone mill

The reason to use GI products was the distributed location of the measuring points and the possibility to measure up to 1 kHz synchronized signals.

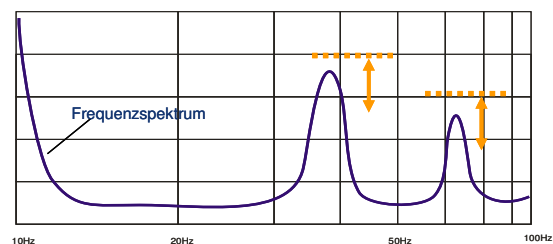


- hard coal, lignite, coke and sewage slurry
- raw materials for the cement manufacturing process
- clay, limestone, burnt lime, raw phosphate
- granulated blast furnace slag, trass, pozzolana and
- clinker for diverse cement grades.

The module Q.bloxx A101 measures over a band pass the amplitude of critical vibrations in a defined frequency spectrum.

The excess of critical values will be evaluated and the relevant measures will be made.

Due to the functionality of the module Q.bloxx A101 it is possible to run the high frequency signal conditioning and the data reduction distributed in the module. Only the already conditioned data has to be transferred to the Test Controller.



10-100 kHz

Conditioning

In the modul e.g. ADU,
min, max, filter, average



1-10 kHz

Data transfer
further conditioning

