

Commissioning of the earthquake early warning system on 03/28/2022 for the Infineon plant in Hungary/ Cegled



Master



Submaster



Siren



PLC-Control

The Hungarian site is located directly on an earthquake zone and is much more at risk from earthquakes than was previously known. The rating has been upgraded from 4 to 5.

The shutdown and commissioning of the earthquake early warning system took place on March 28th, 2022.

A Master, a Submaster and a Central operating unit "TABD" were installed for this purpose. The threshold value board was used in the Master. The threshold values triggered in the event of an earthquake can now be sent to the control system (PLC) via potential-free contacts via the threshold value board. From there, all important switching processes can be switched automatically.

In addition, information about the status of the sensors, in the event of a communication problem between the sensors and in the event of a power failure will be displayed. In an emergency and only in the case of a strong earthquake, the gas lines are closed and production is stopped at a later point in time.