

IMMISSION CONTROL DURING CONSTRUCTIONS OR DEMOLITION WORK: THE ENVIRONMENTAL MONITORING SYSTEM FROM PALAS®

In the course of site preparation, construction or demolition work, there is usually considerable dust generation. It often leads to complaints from residents to the local authorities and industrial inspectorates.

Dust development, reporting, evaluation and countermeasures extend over a considerable period of time. This is a severe impediment to effective and timely deployment of immission control measures.

MyATMOSPHERE is a cloud-based data platform for air quality. The proven Palas® fine dust measuring device **AQ GUARD SMART**, which was developed for use on construction sites, enables the continuous recording, visualization and monitoring of fine dust pollution. Wind direction and speed can also be taken into account.

When limit values are reached, the construction site operator or the responsible authority automatically receives a notification or on-site visual signal, so that dust-reducing actions can be initiated or reinforced. Residents can also obtain information about air quality online.



Dust Monitoring



Wind Direction / Speed



Documentation & Alarms

Construction site operators, authorities and residents always have transparency about the current situation and the possibility to implement the best possible immission protection during construction.

ADVANTAGES

- Transparency at a glance: Automatic visualization & map display
- Ensure ability to react: Alerting function
- Efficient documentation & analysis: Intuitive data management

