

DUST MONITORING CHECK LIST

WHEN DEFINING A MONITORING STRATEGY

Has appropriate sampling equipment been chosen?

Have the job functions to be monitored been defined?

Have the dates of the measurement campaign been communicated?

Is the sampling duration as close as possible to a full working shift in order to ensure that samples are representative?

Have the appropriate personnel who will carry out the sampling and analysis been identified?

Is the person(s) carrying out the sampling and analysis appropriately trained and experienced?

BEFORE THE DUST MONITORING PROCESS CHECK LIST

Have the workers been informed that dust monitoring will be undertaken, and the reasons for it?

Does the equipment used conform to European Standard EN 481?

Use a recognised analytical technique to measure respirable crystalline silica: X-ray diffraction or infrared spectroscopy.

In the case of personal sampling, is the worker wearing the sampling equipment correctly, with the sampling head positioned in the worker's breathing zone (less than 30cm from the mouth and nose area)?

Have you checked (and kept a record) that the sampling equipment is operating correctly (including the flow rate) at regular intervals during the shift?

Has a sufficient number of samples been collected per campaign for each job function in order to get a follow up of each worker. (Take into account the variation of work activities on different days, e.g. cleaning work is often done on Fridays.)

THINGS TO NOTE DOWN DURING THE SAMPLING PROCESS

Job function

Worker's name

Shift length

Sample flow rate and duration

Date

Work activities and working practices

Weather conditions

Personal protective equipment worn

Production process, tonnage rate etc

Any additional comments