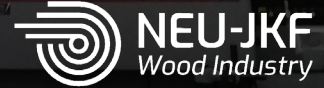


OPERATORS PROTECTION & IMPROVING WORKING CONDITIONS

CFA BTP - PONT SAINTE MARIE



ISSUE:

ATEX COMPLIANCE

The CFA BTP Pont Sainte Marie trains carpenter, fitter and joiner apprentices. Following a recommendation visit by NEU-JKF Wood Industry, this training centre wished to review its central vacuum installation.

The old installation no longer complied with ATEX standards. It was located in a separate room inside the building, which was very dusty.

The workshop had a fleet of 12 fixed machines and several finishing stations using portable equipment. NEU-JKF Wood Industry was called in to help protect both students and teachers from the dust generated during practical work.

SOLUTION:

A SYSTEM THAT PROTECTS OPERATORS WHILE PROVIDING WORKING COMFORT

The first step was to offer full support in defining the need. This stage enables the customer to be advised on the most suitable dust removal solution.

NEU-JKF Wood Industry installed a flow-compensated and regulated extraction system. This system ensures an optimum suction rate depending on the number of machines in use at the same time. The centralized suction system is connected directly to the machines at the suction outlets of the machine bonnets and protects the operator. On the other side the system is connected to the dust collector.



The system is controlled automatically. The machine suction ducts are equipped with an electro-pneumatic flap. The opening and closing of each door is controlled by the machine start-up.

In addition, a centralised high vacuum extraction system offers a solution for portable tools. These tools generate the finest and most harmful dust. Hoses can be connected directly to the tools so that the dust can be extracted when the tools are in use.

The dust, chips and sawdust are collected in a briquette press. This press will reduce the volume of waste by 90%.