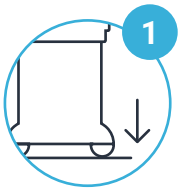
Is your vacuum system as safe as it should be?

Is your industrial vacuum solution as safe as it should be? Here are the top considerations when choosing a vacuum system to prevent the dangers caused by combustible dust.



1 Is the vacuum grounded?

Your equipment should be fully grounded, from plug to accessories, to prevent sparks.

2 Are filters antistatic and grounded?

It is mandatory to use antistatic primary filters and all filters need to be grounded.

3 Is the vacuum motor brushless?

Brushless motors (used in ATEX models), prevent the risk of dust acting as an ignition source.

4 Is it powerful enough?

Your vacuum motor should have power to ensure efficient dust removal. Flow should not be less than 20m/sec.

5 Are components certified for ATEX?

Switches and all other electrical components should be marked for ATEX and their IP should be verified.

6 Is the vacuum 3rd-party certified?

3rd-party certified equipment ensures machines have been independently verified. Nilfisk equipment is 3rd-party certified.

7 Does the supplier provide regular service?

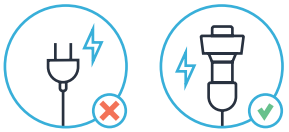
In ATEX zones, service is required at least once a year to maintain certification.

8 What zone is the equipment approved for?

Check the markings to make sure you are using the right equipment for the right environment: ATEX, ACD, etc.

9 Is your vacuum certified end-to-end?

Your vacuum solution should be equipped with certified accessories, to ensure total safety.



The plug matters!

Your equipment must use electrical plugs specially designed and certified for use in combustible dust zones. Standard plugs must be connected to a power source outside of the ATEX-zoned production area – and extension cords are not allowed.

Go to our website and read more about worker safety and wellbeing

NILFISK