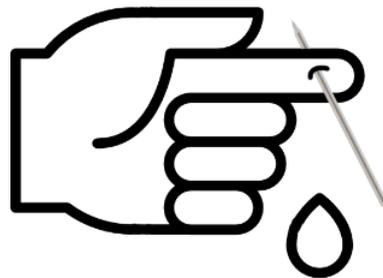


Dear distributor,

We want to share with you our new whitepaper that goes into detail about the many risks of grinding Tungsten electrodes on an open belt, bench or angle grinder.

Download the whitepaper [here!](#)

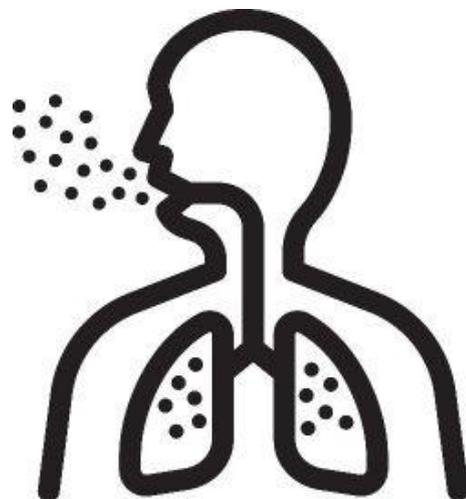
Health and safety of the welder is becoming increasingly important in the metal working industry. For an example all welders wear a helmet and protective clothing when welding and fume extraction systems are installed to improve the working environment for the welders.



But several times a day, when Tungsten electrodes must be ground, the welder often use an open belt, bench or angle grinder putting himself at risk. When grinding Tungsten electrodes, welders are exposed to hazardous dust inhalation, metal particle projections and a higher risk of accidents due to direct contact with the grinding wheel.

Inhalation of dust particles can be very dangerous as it can cause contamination via the respiratory route: irritation, allergies, pneumoconiosis, (a disease caused by the accumulation of inorganic dust in the lungs), and can lead to lung cancer.

When measuring nanoparticles in the air at a distance of 40 cm from the grinder, we see a tremendous increase of nanoparticles during the grinding process of the open belt grinder compared to the Ultima-TIG grinder. This means that the well-recognized risk of occupational exposure to dangerous dust particles is close to eliminated when grinding



Tungsten electrodes on the Ultima-TIG due to the enclosed grinding chamber.

We urge you to download the white paper and please reach out if you have any questions!

Best regards,



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