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Linde

# SITAB invests in safer working environment with MISON<sup>®</sup> shielding gases

Swedish equipment manufacturer SITAB protects the welder from ozone with MISON shielding gases

## MISON<sup>®</sup> shielding gases:

- The only shielding gases on the market, developed to protect the welder
- Reduces the emitted ozone to protect from unpleasant and potentially harmful symptoms
- A family of gases that can be supplied in different mixtures to suit different applications
- With WELDONOVA<sup>®</sup> process support team we will find the right solution for your company

MISON shielding gases from Linde have been specially designed to reduce the ozone produced during welding. Swedish equipment manufacturer SITAB, which has been using MISON for more than 30 years, says its proven health benefits make it a worthwhile investment."

SITAB is an industrial equipment manufacturer based in Sandviken in northern Sweden. Producing complex equipment, such as industrial lifting equipment, heat exchangers, flue gas pipes, furnace frames, as well as customised laser cutting, for demanding industries such as steel and paper, SITAB's day-to-day activities include extensive welding and cutting operations, to ensure that customer demands and security requirements are met.

### Used MISON since day one

"This is a family-run business, founded by my father in 1989," says SITAB's Managing Director, Emil Holmström, adding: "We have been working with Linde as our gas supplier – and with its MISON shielding gases in our welding operations – since day one."

### MISON for a range of welding applications

MISON is an odourless, colourless gas that maintains a low ozone-content in the working environment, while also guaranteeing optimal welding performance. It delivers high welding speed and good weldability, thereby ensuring a quality end result, along with time- and resource efficiency in the welding process.

The MISON range includes a variety of shielding gases that can be used for different welding applications, including MIG/MAG and TIG welding of most common materials. Using "Linde Gas Guide" customers can easily identify the correct MISON product for their specific needs. SITAB primarily uses MISON 25 and MISON 18, as well as MISON 2 on occasion, to weld heavy industrial equipment for its customers.

### Why is ozone a problem?

What sets MISON premium shielding gases apart from standard shielding gases is that they reduce the level of ozone, thereby protecting welders from this potentially



MISON shielding gases is the only shielding gases developed to protect the welder.



The company SITAB see the long term value for their staff when using MISON shielding gases.

harmful gas. Ozone is a gas composed of three atoms of oxygen ( $O_3$ ) that is emitted during the welding process. Breathing ozone can cause a range of health issues, including throat and airway irritation, chest pain and coughing. In the long term, it may even reduce lung function and harm lung tissue.

SITAB's head of welding, Abbe Bergman admits he views an investment in MISON as a no-brainer.

"It reduces ozone – that's a proven fact!," he says. "Since we know ozone is bad for the operators and MISON reduces ozone, and there is simply no reason to use any other shielding gas."

### A solid investment

Even though MISON has a slightly higher price tag than standard shielding gases, Bergman and Holmström both agree it is a worthwhile investment.

"The health benefits for the operators speak for themselves," says Holmström.

"It may be that bit more expensive in the short term but, in the long term, it costs us more if we keep having to replace our staff. If a welder can stay healthy and keep working until retirement age, it enables us to retain their competence and experience for longer," concludes Bergman.

### Do you want to know more?

Please contact Xxxx for more information.  
Phone: xxx xxx e-mail xxx.xxxxxx@linde.xx



### 40 years of protecting the welder

Linde is celebrating 40 years with MISON® shielding gases – still the only gases on the market developed to protect the welder against harmful ozone.