

Ozone declaration

Ionisation equipment works on high voltage and is meant to neutralise static electricity. As a by-product, ozone is created during this neutralisation process.

The different types of Simco-ION devices have been measured to determine whether this equipment complies with the current safety and health standards.

According to ICSC nr: 0068 (CAS nr: 10028-15-6) the limit values are set as follows:

- 0,1 ppm as time-weighted average for light work
- 0,08 ppm as time-weighted average for moderately heavy work
- 0,05 ppm as time-weighted average for heavy work

The concentration of ozone close to Simco-ION ionisation equipment does not exceed a maximum of 0,05 ppm even without ventilation, with the exception of the ThunderION. For ionisation bars of the ThunderION type we advise you to observe a working distance of at least one metre. Ventilation will decrease the concentration even further.

Compared to carbon monoxide ozone has a “built in” safety factor, because its presence can be detected by smell in concentrations of 0,01 – 0,02 ppm. Since the concentration in which ozone can be detected by a sensitive nose is lower than the amount Simco-ION ionisation equipment produces you will smell ozone when in close proximity to these devices.

City, date, signature:

Lochem, March 18 2013



Position and name:

Quality Manager, R.G. Hulshof