

The Swedish Radiation Protection Authority's Regulations on Amendments to the Regulations (SSI FS 1995:3) on Drying with Microwaves;

issued on April 18th 2005.

On the basis of § 7 in the Radiation Protection Ordinance (1988:293) the Swedish Radiation Protection Authority has issued regulations concerning the Radiation Protection Authority's Regulations (SSI FS 1995:3) on drying with microwaves stating that

the section 4 shall have the following reading as well as there shall be inserted a new section, section 7, with the following reading.

4 § Anyone who installs and starts up an equipment for drying with microwaves shall ensure that premises where exposure to microwaves might exceed the limits given in the table are locked or by other means are inaccessible to unauthorised persons.

Outside locked premises there shall be a sign bearing the text "Torkning med mikrovågor pågår. Tillträde förbjudet för obehöriga".*

Exposure limits for members of the general public

Frequency	Exposure limit
10 MHz – 400 MHz	2 W/m ² (mean value during 6 minutes) or 28 V/m and 0.073 A/m respectively (effective values during 6 minutes)
400 MHz – 2000 MHz	$f / (2 \cdot 108)$ W/m ² ** (mean value during 6 minutes)
2000 MHz – 150 000 MHz	10 W/m ² (mean value during 6 minutes)

** f is the frequency expressed in Hz.

7 § Anyone who runs a practice with drying with microwaves shall prior to each commission announce the commission to the Radiation Protection Authority as soon as possible or at the latest the same day. The announcement shall include what company has got the commission, the address where the drying is going to take place and the estimated time of the drying.

The announcement may be done electronically.

These regulations enter into force on October 1st 2005.

On behalf of the Board of the Swedish Radiation Protection Authority

LARS-ERIK HOLM

Anders Glansholm

* Drying with microwaves is in progress. No Admittance