

Sweden
Report on EMF Activities
22th International Advisory Committee on EMF
June 2017

The Independent Expert Group on Electromagnetic Fields of the Swedish Radiation Safety Authority (SSM) has published their 11th report on EMF and health. The report is in English and is available at <http://www.stralsakerhetsmyndigheten.se/Om-myndigheten/Organisation/Radnamnder/Vetenskapligt-rad-for-elektromagnetiska-falt/>

The latest EMF-topic in Sweden is inductive (wireless) charging of electric vehicles. A system for charging buses is currently in use for testing and evaluation purposes. The charging power is up to 200 kW @ 20 kHz resulting in magnetic field > 500 μ T close to the coils under the bus.

The Swedish Work Environment Authority (SWEA) implemented the EU-directive 2013/35/EC, on workers exposure to electromagnetic fields, on the 1st of July 2016. SWEA has since the implementation performed major information activities, mainly aimed at occupational health services

A major issue that has emerged since the implementation is the lack of personnel who has sufficient and adequate knowledge of electromagnetic field measurements. As the directive, and thus the national implementation, requires some definite actions depending on the exposure levels, the employer must have a correct measurement available in order to perform a risk-assessment and decide which actions are needed.