

Sweden
Report on EMF Activities
21th International Advisory Committee on EMF
June 2016

The Independent Expert Group on Electromagnetic Fields of the Swedish Radiation Safety Authority (SSM) has published their 10th report on EMF and health. The report is in English and is available at

http://www.stralsakerhetsmyndigheten.se/Global/Publikationer/Rapport/Stralskydd/2016/SSM_Rapport_2016_15_webb_1.pdf

The Swedish Radiation Safety Authority has developed a precautionary strategy for low frequency magnetic fields. It states that low cost measures should be considered in order to reduce children's exposure to magnetic fields deviating from what could be deemed normal in the environment concerned. The complete recommendation is only available in Swedish.

The main activity at the Swedish Work Environment Authority during 2015 was the implementation of the EU-directive 2013/35/EU into national legislation. This directive must be implemented into national legislation no later than 1st of July 2016. This process involved numerous discussions with i.e. stakeholders, employers and employees. The authority has given seminars on the requirements in the directive and the risk assessment related to exposure. There is a general concern among the employers on how to assess the electromagnetic fields i.e. measure and calculate exposure in complex exposure situations and assessment of the internal levels as there is a considerable lack of competent persons in Sweden who can assess complex exposure situations.

The concern for long-term effects related to exposure well below the EU Council Recommendation of 1999 is still an issue. The main focus is on children's exposure to Wi-Fi in schools and exposure in workplaces. The emerging technology of inductive charging is of growing interest from an exposure perspective.