Should I be concerned about Magnetic Fields while using a degausser?

The short answer is ***NO***.

The ***American Conference of Industrial Hygienists*** is the foremost worldwide body that issues exposure recommendations for magnetic emissions. For example, on the 1st page of our HD-2 manual, we have a chart of the measured magnetic field of the unit. The unit of measurement for magnetic properties is gauss. The paragraph below denotes the exposure levels and what the HD-2 field is in comparison.

> "Average Operational Distance (AOD) from user to the HD-2 is 12-18 inches (30-45cm). According to the ***American Conference of Governmental Industrial Hygienists*** (ACGIH) Threshold Limit Values (2005) - Static Magnetic Fields, whole body exposure limits recommended for an 8 hour shift are 600 gauss. Because of the short duration of each pulse from an HD-2 (1/20th* of a second) and the extremely small magnetic field outside of the unit (<19 gauss, AOD) the total 8 hour whole body exposure is 1/120th of the recommended limit.
> *Pulse duration was rounded to ½ second per discharge for calculations to cover any build up of magnetic fields generated before or after discharge."

Furthermore, according to the World Health Organization (WHO), after studying over ***25,000 articles*** done over the last ***30 years*** on EMF's, ***"The WHO concluded that current evidence does not confirm the existence of any health consequences from exposure to low level electromagnetic fields"***. Here is the link

Electric Appliance	Measured Magnetic Field in gauss (g)
Apple iPhone 5s (On call or playing music)	**240g**
Apple ear buds (Connected to Phone)	**200g**
Samsung Galaxy S4 (On Call)	**214g**
Electric Shaver (Shaving)	**50-150g**
Garner HD-2 (Average Operating Distance 12-18")	**19g**

To put all these numbers into perspective, the chart above summarizes gauss field findings on common items; An ***Apple iPhone*** emits 240 gauss (Tested with the same gauss meter we test our degaussers with) while playing music or on a call. ***Samsung*** smart phones also emit nearly 200 gauss. Ear buds that come with a typical phone or music player have over 200 gauss for each ear bud. The higher quality the ear bud speaker, the more gauss emitted due to the higher quality of the speaker magnets. The phone or the ear bud speakers are continuous fields whereas the HD-2 field is only on for 1/20th of a second per 1 minute cycle. A ***five minute*** phone call from a common smart phone has ***70 times the magnetic exposure of 8 continuous hours using the HD-2***. Obviously, the HD-2 does not come close to what we are exposed to on a daily basis compared to other common items that we use as depicted in the chart.

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