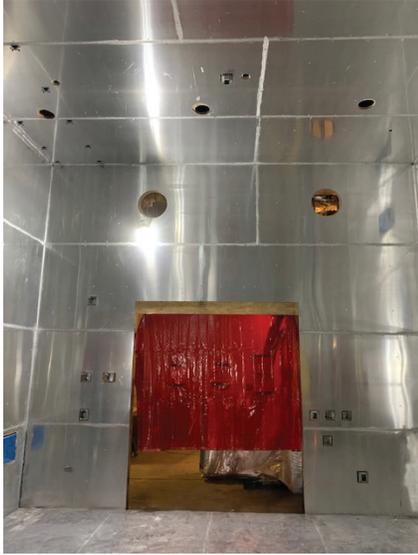


# SHIELDING EMI AND ELF SHIELDING



## EMI AND ELF SHIELDING

- **Designs Providing Attenuation for Frequencies > 0.01 Hz**
- **Performance Designed to Meet Customer Requirements**
- **Full and Partial Room Quasi-DC and AC EMI Shielding System**
- **Flexible Shielding Solutions**
- **Custom Engineering and Design**

**ETS-Lindgren's EMI and ELF Shielding** provides customers with standard and custom solutions. ETS-Lindgren delivers top-tier Electromagnetic Interference (EMI) and Extremely Low Frequency (ELF) shielding products that meet the unique needs of each customer. We offer flexible, high-performance shielding options, incorporating materials like aluminum, electrical and low-carbon steels, and high-permalloy alloys, all engineered with precision to achieve the desired shielding performance in any setting.

### **Precision-Engineered ELF Shielding Solutions**

ETS-Lindgren's ELF shielding solutions utilize a tailored combination of materials—from highly conductive copper and aluminum to magnetic steels and high-permalloy materials—ensuring optimal performance even at sub-Hertz magnetic (H-field) frequencies, with attenuation levels of tens of dB, up to high-frequency attenuation exceeding 100 dB. With both standard options and custom configurations, we create high-performance environments that meet the most demanding specifications.

### **Comprehensive Project Integration and Engineering Services**

Our end-to-end support includes expert engineering services to help define project requirements and methods, ensuring seamless integration of shielding systems into building designs and operational needs. Our team works alongside customers to translate complex needs into precision-built shielding environments that fit seamlessly into their existing infrastructure.

### **Solutions for Every Application**

ETS-Lindgren's shielding technology offers unmatched versatility—whether reducing ELF and EMI interference from AC magnetic sources like electrical switchgear and transformers, or quasi-DC magnetic sources such as DC power (propulsion) systems and moving mass, we have the expertise to deliver an ultra-quiet environment. Our solutions ensure that EMI threats are minimized, enabling highly controlled, interference-free settings for critical applications.

With ETS-Lindgren's EMI and ELF shielding solutions, you get the protection you need, designed and delivered by experts who know how to meet the toughest shielding demands.