

The greatest danger caused by electrostatic discharge is “latent damage” to the (operating) components. At final inspection this damage is not visible so the product are going into the production process damaged.

Problem:

By bringing together various explosive products in one space can release vapors that can cause explosions and fire. Dust explosions are also among the potential risks.

By damaged electronic components, the high-tech measuring equipment can fail. Now there is no guaranteed quality of the final product.

Collocutor:

Safety manager, Prevention advisor

Danger:

Explosion by an electrostatic discharge

Measures:

The first thing that is required is that all the materials that can be Charged with static electricity must be avoided or removed from the critical zone. Ensure adequate purification, ventilation or exhaust. Never enter the area without meeting the ESD protection.

Precautions:

ESD Training
Define EPA
ESD-safe extraction system
ESD-Safe floor
ESD-access
ESD-racks
ESD-tables
ESD-chairs
ESD-trolleys
ESD-packaging
ESD-reinigingsmiddelen
ESD- safe tools
ESD-clothing
ESD-schoes
Humidity control

Cleaning Team must be sufficient ESD trained before they can and should perform activities in the EPA.