

Hazards of Static Electricity

<u>Example</u>	<u>Explanation</u>
Hospital Operating Rooms	<ul style="list-style-type: none"> • _____ can be ignited with spark. • Discharges that are produced from _____ up on equipment and personnel in operating rooms. • _____ are made out of a _____ to reduce the amount of static build up.
Gas Pumps	<ul style="list-style-type: none"> • Static build up can occur on clothing from _____ of getting in and out of the car. <p>This can _____ the _____ and cause a fire.</p>
Grain / Flour Mills	<ul style="list-style-type: none"> • Small _____ (e.g. fine powder like flour) can ignite easily with a spark from static electricity.
Gas Plant Factory Worker	<ul style="list-style-type: none"> • _____ from pipes can ignite with a _____ if you are _____ charged
Lightning	<ul style="list-style-type: none"> • Lightning is actually just _____ electricity on a much larger scale. • The rubbing is caused by _____ around. • In thunderclouds bottom is usually _____ and the top is _____.

Practical Applications of Static Electricity

<u>Application</u>	<u>How it Works</u>
Dust Removal (pollution control)	
Photocopying	
Car Painting	
Agriculture	
Fabric Softener	
Decals	