



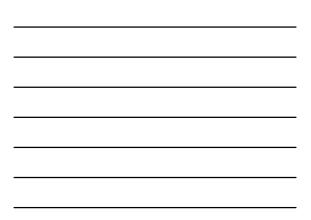
Wrocław University of Technology	Master programmes in English at Wrocław University of Technology
References	
Basic: Ott H. W., Electromagnetic Corr	apatibility Engineering, Wiley, Hoboken, NJ, 2009
Additional: Williams T., EMC for Product De	esigners, Elsevier-Newnes, 4-th ed., Oxford, 2007
	Water University of Hattering



Wirodaw University of Technology Adaptive Master programmes in English					
Electrostatic Discharge					
Static electricity is familiar to all of us as the static cling of clothing, as arcing occurring when touching a doorknob or other metal object, and as lightning. Uncontrolled electrostatic discharge (ESD) has become a hazard to the electronics industry.					
HANNE COTTAL Market of market					

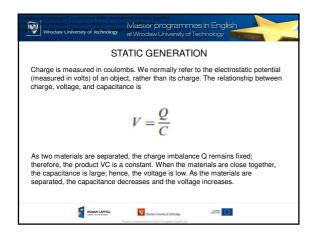


STATIC GENERATION						
able below	is a typical triboe					
	POSITIVE 1. Air 2. Barnan skin 3. Asbetos 4. Glass 5. Mica 6. Blanna hair 7. Pójón 8. Koul 8. Koul 10. Land 11. Sik 12. Aleminium 13. Paper 14. Cotton 15. Wood 16. Starl 17. Amber		II. Hasd rubber II. Masd rubber II. Masd rubber II. Mass Marken Zong Mark			



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ST	ATIC GENERATION
higher on the list to the mater created depends on the posit also on the surface cleanlines	ntact, electrons will transfer from the material ial lower on the list. The magnitude of the charge ion of the materials in the triboelectric series and ss, pressure of the contact, amount of rubbing, athness of surface, and the speed of separation.
	Worker University of Harding





STATIC GENERATION						
		Electrostatic Voltage				
Means of Static Generation		10% to 20% Relative Humidity	65% to 90% Relative Humidity			
Walking across carpet		35,000	1500			
Walking on vinyl floor		12,000	250			
Worker moving at bench		6000	100			
Opening a vinyl envelope		7000	600			
Picking up common polyethylene bag		20,000	1200			
Sitting on chair padded with po foam	lyurethane	18,000	1500			



