







<p>Date: 23.02.2021 Authorized user: Stefan Ostendorf (39060) Work area: Deposition Workplace: Room 1.04 CeNTech II</p>	<h1>Safety Instruction</h1> <h2>Edwards</h2> <h3>Auto 306 PVD</h3>	<p>WWU Münster Nanofabrication Facility (MNF) Center for Nanotechnology (CeNTech) Heisenbergstraße 11 48149 Münster</p>
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Range of Application		
Operation physical vapor deposition		
Hazard for People and the environment		
	<ul style="list-style-type: none"> Evaporation source material: Depending on material, risk due to toxicity when inhaled or swallowed. Vacuum chambers can present an implosion hazard. Hot components: danger by burn. Usage of cold liquefied gas: risk of frostbite. Usage of high voltage power sources: risk of electrical shocks. 	
Safety Measures and Rules of Behavior		
	<ul style="list-style-type: none"> Operating the machine is only allowed after previous instructions and knowledge of the manual EDWARDS Auto 306 as well as the safety data sheets of the used evaporation source materials. Maintenance work at vacuum systems only after authorization. Maintenance work at power sources only after disconnecting from power grid. Evaporation chamber must be cleaned after each use. Consider the evaporated materials toxicity. Adequate personal protective equipment has to be worn. <p>In case of any unclear issues contact the responsible person (Stefan Ostendorf Tel. 39060).</p>	
Action in Failure		
<ul style="list-style-type: none"> In case of any malfunction or abnormality turn off the machine and secure against starting up and inform the responsible person. 		
Action in Accident, First Aid		
	<ul style="list-style-type: none"> After inhalation or swallowing: get fresh air, immediately consult a doctor. Inform appointed first aider. Immediately treat small injuries. Enter data in the accident book. In case of severe injuries call an emergency doctor (phone 112). Inform your superior. 	
Maintenance and Disposal		
<ul style="list-style-type: none"> Maintenance work may only be carried out by qualified and instructed staff. Please consider rules about disposal of contaminated material 		