Control strategy 1

Printing, copying

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Design and equipment

The employees are trained in the practical handling of printers and copiers and are familiar with the instruction manual.		
Printers and copiers are labeled by a CE label and a declaration of conformity.		
Machines with a "GS" label (certified safety) are subject to additional examinations, which guarantee their safety.		
1 The label "DGUV Test" label or the environmental label "Der Blaue Engel" guarantee that printers and cop ers meet the basic safety and health requirements.		
The machine is equipped with an activated carbon filter or a high voltage component with low emission.		
Refilling of toner is practicable without skin contact or inhalation of powder.		
Cartridges with dry or liquid toner are preferred against refilling systems.		
If reusable cartridges are applied, they should carry the environmental label "Der Blaue Engel".		
The paper for copiers and printers is labeled by the indication of the European standard EN 12281 "Printing		
and business paper - Requirements for copy paper for dry toner imaging processes" (or an equivalent type).		
An equipment-trained person (or a substitute if indicated) is chosen for each machine.		
The equipment-trained person is trained for appropriate handling, refilling toner, maintenance tasks as well as		
removal of small defects.		
The instruction manual, supplementary safety data sheets (toner, cleaning agents etc.) and as the case may be an environmental data sheet are delivered to the equipment-trained person.		

☐ The data on availability of the equipment-trained person are known - and preferably noted on the machine.

Maintenance and repair

- ☐ After removal of a paper jam, the surrounding area is cleaned by wet-wiping.
- ☐ Reusable cartridges are refilled by a refilling service.
- □ Residual toner waste is removed accordingly. Many manufacturers offer the return of empty cartridges. The recycling of toner cartridges by the manufacturer or a provider is preferred against the removal as hazardous waste.
- ☐ Further maintenance and cleaning procedures shall be performed only by service technicians. This includes the handling of toner in powder and liquid form.

Figure: Test marks and environmental labels

1. For business machines with printing function



2. For recycled reusable cartridges



Fu	rther requirements	
	A sufficient ventilation according to the requirements provided by the German work place ordinance exists. This can refer to ventilation by window, door or an installed ventilation facility. Permanently used printers and copiers are not situated in offices or break rooms. In order to avoid the accumulation of dust, printers and copiers are located on an easily cleanable surface. The exhaust air exits of the machine are not directed towards the employee. In order to facilitate services on printers and copiers, an optimal accessibility of the machines is ensured.	□ Printing and copying are activities with low risk. Operating instructions are not required. □ It is checked daily if the printer or copier can be switched on without failure message. □ Defects are communicated to the equipment-trained person (e. g. defect cartridge). In case of doubt stop working! □ Ensure that the room is well ventilated by regular opening of the windows or by
Fu	rther information	switching on the installed ven-
-	Safety data sheets Operating instructions or technical guidelines of the manufacturers of printers and printer cartridges	tilation facility, respectively. The lid should be closed during copying. It is necessary to clean hands with water and soap after longer copying works or in case of contamination with toner.
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