

Schmidt + Kampshoff GmbH – Georg-Henschel-Straße 1 – 28197 Bremen – Germany

RECYCLING OF INDUSTRIAL X-RAY FILMS

SCHMIDT + KAMPSHOFF STRENGTHENS COOPERATION WITH COMPANIES FROM THE MIDDLE EAST IN 2024

Bremen, January 22, 2024 – For 40 years now Schmidt + Kampshoff GmbH has established itself as a reliable recycling partner for hospitals, medical practices and materials testing companies in the European and international markets. The core business of the company with Hanseatic roots is the recovery of silver and plastic from medical and industrial X-ray films. In 2024 Schmidt + Kampshoff will focus on expanding partnerships with companies in the Middle East, aiming to strengthen the recycling market for X-ray films by serving as a reliable partner with years of expertise.

“Our goal for the new year is to cooperate more closely with companies from the Middle East in the future. From discussions with local companies, we know that our expertise as a reliable partner for the recycling of medical and industrial X-ray films is in demand. Many companies are very interested in utilising X-ray films in order to recover raw materials,” explains Daniel John, Head of International Sales at Schmidt + Kampshoff. “With our broad network of transport service providers, we can collect medical and industrial X-rays from almost anywhere in the world and recycle them professionally here in Germany - at our own facility in Rhede. Our strength here is above all in the area of resource conservation, which in many other countries often only plays a subordinate role in the disposal of X-ray films,” continues John.

Schmidt + Kampshoff wants to further strengthen its position internationally as an environmentally conscious recycling partner for industrial X-ray films. The market is particularly large in the United Arab Emirates and Oman due to the large number of industrial companies there. Industrial X-ray films are, for example, regularly used to inspect machine-made element in the construction or maintenance of oil refineries or pipelines and for welding work in the aviation and shipping industries. Schmidt + Kampshoff recycles all types of industrial X-ray film - the company makes a valuable contribution to a sustainable circular economy by recovering silver and plastic.

Schmidt + Kampshoff is a certified waste management company that recycles X-ray films in a completely closed disposal cycle. To this end, the disposal company transports the X-ray films to the plant in Rhede in special security containers. Before the X-rays can be shredded in the plant, any paper



documents contained in the files must be removed so they can be destroyed and recycled separately. After sorting, the X-rays are shredded twice. This ensures that the sensitive data is completely destroyed. During the subsequent washing process, the plastic parts are separated from the silver coating. The cleaned plastic parts can be used to manufacture new products. The remaining silver sludge is processed into pure silver using special processes and then returned to the raw material cycle. Schmidt + Kampshoff guarantees data security and complete documentation throughout the entire process.

Further information on the disposal and recycling process for X-ray films can be found at www.x-ray-disposal.com.

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