

Built to last

Kristoffer Walin is a 32-year-old level two certified X-ray NDT inspector. He has 11 years experience working out of the Dekra Gothenburg office, in Sweden. Kristoffer and the crew in Gothenburg were amongst the very first to receive the EVO system when launched in 2014, a system which today still is the crews' primary X-ray system.



EVO 200D

Dekra at Preemraff Lysekil, Sweden

Preemraff is the largest fuel company in Sweden, with a refining capacity of more than 18 million m³ of crude oil every year. Preemraff has more than 1400 employees, of which 950 works at the two refineries in Gothenburg and Lysekil, Sweden.

Kristoffer describes the inspection jobs Dekra carries out at Lysekil: "The days vary a lot, and on projects using the EVO 200D, we expose hundreds of films every day. We typically shoot pipelines under 8 mm thickness, bends, flanges, and all the "difficult stuff", to make sure everything complies with safety codes and perfect order."

"The parts we inspect with X-ray at the refinery, are often hard to reach. We climb ladders and scaffolds, most often with the equipment on our shoulders. We don't treat the system gently, so it has to withstand the rough handling, when it gets thrown around or gets fastened tightly with straps. And it does - it's robust, light-weight and perfect for heavy handling in an industrial work environment."

"However, working efficiently is not just setting up the EVO systems. Once it is in place, it's all about the performance of the system. The 1 mm focal spot on the EVO 200D makes excellent image quality, and more importantly, it enables us to move closer to the objects shortening the exposure times. That's a significant advantage when you make as many exposures as we do. It is like they say - time is money, and we save much time".



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Kristoffer Walin, NDT Inspector at Dekra



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