

GOOD-PRACTICE

Welding of large stainless steel workpieces: Layer ventilation reduces exposition effectively

United Skills of **KREMSMUELLER** 



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Welding of large workpieces, such as tanks and silos, makes it difficult and often impossible to use local exhaust ventilation. Layer ventilation combined with PPE for the welders is a good solution to reduce the number of exposed workers. Layer ventilation is a general ventilation consisting of pipes for the supply air on the ground and pipes for the exhaust air under the workshop roof. This special design creates a vertical flow that carries welding fumes directly upwards. Due to the localized exposure welders must use PPE to protect them against the welding fumes.

Properly designed layer ventilation is a good option to prevent other workers in the workshop against welding fumes



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