

RNV for odour removal

Coffee smell is not always welcome everywhere. This topic was a concern for a coffee-roasting company in northern Germany. The exhausting air from the production rooms left the building untreated and filled the surroundings offsite the company area with the annoying smell of roasted coffee beans.

The task was to remove these odours and carbon monoxide from the exhaust air. To solve the problem, the operating company opted for a thermal exhaust air treatment with highly effective heat exchangers.

sonUtec was awarded the contract for supply and installation of the regenerative post-combustion system (RNV), including the entire piping in the exterior of the building. The low-odour and environmentally friendly clean gas is now blown through a 29 m high stainless steel chimney into the atmosphere.

Technical data:

Flow rate 25 000 m³/h

Thermal capacity RNV 700 kW



RNV- 3 chamber unit with ceramic storage mass



Junction of various exhaust air ducts

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