

References

Flue gas treatment downstream incinerators for heat and power generation



LUEHR FILTER GMBH & CO. KG ...

LUEHR FILTER offers the know-how gathered from more than 75 years practical experience. In the course of these years we have installed plants for air pollution control for different applications in nearly all industrial fields all over the world. All plants are characterised by

- the reliable observance of the corresponding requested emission limit values, i. e. for particulate, acid crude gases such as HF, HCl, SO_x, dioxins / furans as well as heavy metals such as Hg and Hg-compounds.
- a reliable continuous operation at lower maintenance.
- low operating costs.

Below please find, as representatives for a large number of installed projects, some references for the fields of application

- Incinerators for domestic waste
- Incinerators for RDF (Refuse Derived Fuel)
- Incinerators for residual- and waste wood as well as natural biomass
- Incinerators for paper- and sewage sludge
- Incinerators for hospital waste and crematories
- Incinerators for further fuels



... MORE THAN 75 YEARS OF WORK EXPERIENCE **GATHERED FROM THE CONSTRUCTION OF AIR POLLUTION CONTROL PLANTS**



FIELD OF APPLICATION INCINERATORS FOR DOMESTIC WASTE

- ANO Abfallbehandlung Nord GmbH, Bremen / Germany
- AVN, Dürnrohr / Austria
- AWG Abfallwirtschaftsgesellschaft, Wuppertal / Germany
- Beaver Hill Disposal Site, Oregon / USA
- Covanta, project Durham York / Kanada
- Ekokem Oy Ab, Finland
- Enertec Hameln GmbH, Germany
- EEW Energy from Waste MHKW Pirmasens, Germany
- GML Abfallwirtschaftsgesellschaft, Ludwigshafen, Germany
- MSW, Nonsan City / Korea
- Oulun Energia, Finland
- Samsung Electronics, Korea
- SIVOM, Cluses / France
- Städtische Werke Magdeburg MHKW Rothensee, Germany
- Tammervoima Oy, Finland















FIELD OF APPLICATION INCINERATORS FOR RDF

- Baumgarte Boiler Systems GmbH, Bielefeld / Germany,
 Project Nehlsen Heizkraftwerke, Stavenhagen
- Baumgarte Boiler Systems GmbH, Bielefeld / Germany,
 Project Electra Winds, Oostende / Belgium
- Baumgarte Boiler Systems GmbH, Bielefeld / Germany,
 Project PD Energy GmbH, Bitterfeld-Wolfen
- Enertec Hameln GmbH, Germany
- EEW Energy from Waste Knapsack, Hürth / Germany
- EEW Energy from Waste Premnitz, Germany
- Fortum, project Kauttua, Finland
- Oschatz GmbH, Germany,
 Project Mecklenburger Kartoffelveredelung GmbH, Hagenow
- Spreerecycling GmbH & Co. KG, Spremberg / Germany
- Standardkessel GmbH, Germany,
 Project Energieanlage Bernburg













FIELD OF APPLICATION INCINERATORS FOR RESIDUAL- AND WASTE WOOD AS WELL AS NATURAL BIOMASS

- AET Aalborg Energie Technik a/s, Denmark with projects in Germany,
 Austria, Great Britain, France and Italy
- BE Bioenergie GmbH & Co. KG, Germany,
 Project straw combustion Emlichheim
- Bertsch GmbH & Co. KG, Austria
- Compte R., France with different projects in France
- Foster Wheeler Oy, Finland with projects in Germany
- Getec AG, Germany, Project BMHKW Borken
- HVC.NV Huisvuilcentrale, Alkmaar / The Netherlands
- InfraServ, Wiesbaden / Germany
- Kablitz und Mitthof GmbH, Lauda-Königshofen / Germany
- Metso Power Oy, Finland with projects in Great Britain
- N Prior Energy, Germany with projects in Germany and Belgium
- Oschatz GmbH, Germany, Project Chemtex / Italy
- Polytechnik GmbH, Falzenbach / Austria
- Renewa Oy, Finland with projects in France
- Stadtwerke Düsseldorf, Germany
- Standardkessel GmbH, Germany with projects in Germany and The Netherlands
- STEAG GmbH, Germany with projects in Germany
- Vyncke Energietechniek NV, Belgium with projects in Belgium, France,
 Finland and Spain
- We Energies, Wisconsin / USA















FIELD OF APPLICATION INCINERATORS FOR PAPER- AND SEWAGE SLUDGE

- Bamag Environment GmbH, Butzbach / Germany with several projects in Great Britain and Denmark
- Currenta GmbH, Leverkusen / Germany
- Choyang Engineering, Korea
- Lurgi Energie- und Entsorgung GmbH, Germany
 Project Grovehust / Great Britain
- Metso Power Oy, Finland, Project UPM Shotton Paper / Great
 Britain and UPM Chapelle / France
- Outotec GmbH, Oberursel / Germany,
 Project Corlu / Turkey and Project Zürich / Switzerland
- ThyssenKrupp Encoke, Project CDA, Lugano / Italy as well as AVIRA / The Netherlands
- UPM-Kymmene Papier GmbH & Co. KG, Schongau / Germany







FIELD OF APPLICATION INCINERATORS FOR HOSPITAL WASTE AND CREMATORIES

- Draeger Energietechnik GmbH, Germany, Project Kiel
- Erlanger Medicalcenter, Chattanooga / USA
- H. R. Heinicke GmbH, Verden with different projects in Europe and China
- Imtech, Frankfurt and Düsseldorf / Germany
- Industrieofen- und Feuerfestbau Zwickau GmbH, Zwickau /
 Germany with different, worldwide projects
- Kraftanlagen Hamburg GmbH, Hamburg / Germany with different projects in Europe
- Majo Foundation, Rochester / USA
- Ruppmann GmbH, Stuttgart / Germany with different projects in Europe





FIELD OF APPLICATION INCINERATORS FOR FURTHER FUELS

- Babcock Borsig Steinmüller GmbH, Oberhausen / Germany –
 Projects for coal combustion
- Imtech, Hamburg / Germany Project Celle Coal combustion
- Imtech Industrie Int., The Netherlands Combustion of chemical residues
- Lenzing AG, Austria Vortex bed for sludge, bark and additives
- Lenzing AG, Austria Liquor combustion
- Lurgi Envirotherm, Frankfurt / Germany Project animal meal combustion in Great Britain
- Reifen Ihle GmbH, Günzburg / Germany Tyre combustion
- Standardkessel GmbH, Duisburg / Germany Project tyre combustion Polgar / Hungary
- Steuler Anlagenbau GmbH & Co. KG, Höhr-Grenzhausen /
 Germany Asphalt recycling / The Netherlands
- TU Braunschweig, Germany Material test stands for fire protection
- Wagner Biro, Austria Coal combustion



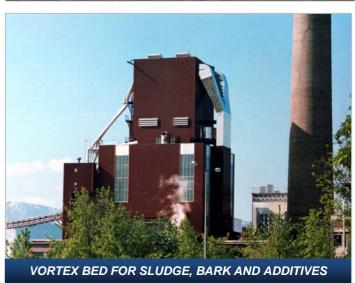






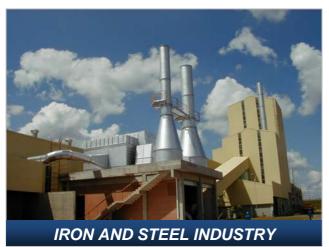






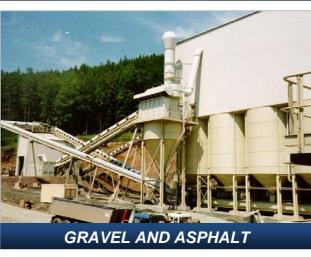
REFERENCES IN FURTHER INDUSTRIAL BRANCHES

Beside the construction of plants for air pollution control downstream incinerators for power generation **LUEHR FILTER** is active in many other industrial branches.















LUEHR FILTER GMBH & CO. KG



FACTS AND FIGURES

Founded: 1938

Employees: approx. 300, thereof 140 working in production **Turnover:** approx. 70 Mio. € (without subsidiaries and holdings)

Head office: Stadthagen

Subsidiaries: in Great Britain, Italy and Austria

MGF Gutsche GmbH & Co. KG – Germany, Fulda Companies with holdings:

> (i. a. manufacture of needle felts for filtration) **EWK Umwelttechnik GmbH** – Germany,

Kaiserslautern (i. a. sales of dry & wet electrostatic

precipitators and catalyst technology)

LUEHR LMA Ltd. – Turkey - Istanbul / Tuzla

LUEHR FILTER Suzhou Co. Ltd. - China - Suzhou LUHR FILTER Pty. Ltd. - Australia - Melbourne -

Rowville

LUHR FILTER Polska sp. z o. o. - Poland - Wroclaw

BLUE BIRD Co. Ltd. – Korea - Seoul **Kuttner LLC** – USA - Port Washington

International representations: in Benelux, Brazil, Finland, France, Norway,

Russia, Spain and Switzerland

Find the contact person responsible for your area on www.LUEHR-FILTER.com



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