

OUR SERVICES IN AIR POLLUTION CONTROL AND MODELLING

AIR POLLUTION STUDIES

- Evaluation of gaseous and particulate emissions from industrial plants by means of dispersion calculation in accordance to German guideline TA Luft (dispersion model AUSTAL2000)
- Assessment of odor immissions in the surroundings of industrial or agricultural facilities
- Calculation and evaluation of immissions caused by road and air traffic



LICENSING APPROVAL MANAGEMENT

- Preparation of proposals as well as task and timeline management for licensing approval procedures
- Technical and organizational expert advice for licensing approval procedures and environmental impact assessment
- Filing of the proposal with the authorities and participate in public hearings

OTHER SERVICES

- Calculation of the required stack height according to the German guideline TA Luft
- Wind field calculation including evaluation of wind comfort in accordance to VDI-Guidelines
- Coordination and supervision of the operational immission protection management as external immission control adviser

Our frequently used modeling software includes

- Detailed models for complex dispersion conditions – WinMISKAM, LASAT -
- Screening models (road traffic) - Immis^{Luft}, MLuS'02 -
- Dispersion calculation in accordance to TA Luft (stationary and industrial sources) - Austal2000 -
- Calculation of airport and air traffic related emissions and immissions - LASPORT -
- Model for dispersion calculation in the atmosphere, sedimentation and deposition of substances - LASAT -

Scope of application

- Industrial plants, commercial production facilities, livestock farms
- Air traffic (e. g. new or redevelopment of airports)
- Road traffic (e. g. construction of bypass roads, tunnels and car parks)
- Private and public development plans
- and many others

CONTACT: Dr. Wolfgang Henry · Tel.: +49 (0) 8192 / 99 60-16 · wolfgang.henry@accon.de

ACCON GmbH · Gewerbering 5 · 86926 Greifenberg · Germany · Tel.: +49 (0) 8192 / 99 60-0 · Fax: +49 (0) 8192 / 99 60-29 · info@accon.de · www.accon.de

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