

## Good ventilation saves money!

IVT Engineering can provide innovative and effective solutions to ventilation problems saving money now and in the future.

Our energy efficient system will provide a healthy environment at your facility. We offer innovative, creative and effective solutions to ventilation problems, state-of-the-art modeling, design and analysis. Our services include on-site consultations, engineering studies and inspections, development of options with budgetary proposals for management, preparation of detailed drawings, supervision of fabrication and installation, start-up and commissioning as well as maintenance, maintenance seminars and spare parts.

We meet your needs on projects of all sizes including small and special designs.

***Call us to learn how you can switch to a healthy working environment and start saving!***



### Product and Services we supply are being applied as follows:

- ◆ Evaluation and Troubleshooting, Refurbishing and Upgrading of existing Ventilation systems
- ◆ Fume/Dust Extraction and Odor/Vapor Control systems
- ◆ Melting Furnace Emission Control
- ◆ Mobile Exhaust Systems
- ◆ Air Conditioning and Fresh air supply systems
- ◆ Mobile Ventilation Systems
- ◆ Pre-start Health and Safety Review
- ◆ Professional Energy Audits

## Need a breath of fresh air?

IVT Engineering has been privileged to serve clients in a broad range of industries. Our target markets are factories and industrial plants where the supply of fresh air, air conditioning and refrigeration, containment and removal of fume or dust is important.

### THESE INCLUDE:

- Abrasives
- Carbon & Graphite
- Construction materials
- Foundries Ferrous and Non-Ferrous
- Iron & Steel
- Plastics
- Automotive
- Cement
- Chemical
- Food
- Manufacturing
- Petrochemical
- Secondary lead and aluminum smelting
- Waste Processing and Management

IVT Engineering is an experienced and well-qualified team that is able to successfully solve your ventilation problems.

Please read the article, on our Web-site at [www.ivteng.com](http://www.ivteng.com), by Dr. Oleg Kenchin "Designing a cartridge dust collector for better filter cleaning and reliable performance"

We offer innovative and economical engineering services, state-of-the-art analyses and design technologies. We meet our clients' needs on projects of all sizes including small and special design projects. For information on the products and services we supply, visit our Products and Services page on our Web-site.



*You tell us "what"  
and we will deliver "how"*

### AREA OF EXPERTISE:

- ◆ Thermodynamics
- ◆ Two-phase flow
- ◆ Psychrometrics
- ◆ Conduction, convection, radiation
- ◆ Ablation and transpiration cooling
- ◆ Compressible and turbulent flow

### INDUSTRIAL APPLICATIONS:

- ◆ Fume/Dust Extraction and Odor/Vapor Control
- ◆ Makeup Air and Exhaust Air Filtration.
- ◆ Air Conditioning and Fresh Air Supply
- ◆ Heat Transfer and Temperature Control

## Professional Energy Audits

Service includes complete assessment of anticipated savings and steps necessary to achieve these savings. Subsidies are available for these energy audits.

*Ask us for complete details.*