



**Greif-akustika**  
s.r.o.



## References – companies

List of significant subscribers  
Selected references  
Brief description



## 1. Constitution:

The Greif-akustika, s.r.o. company was founded in the year 1992 by Ing. Karel Greif and Ing. Libor Vagner who took up on their long-time experience in the field of technical acoustics and noise reduction gained in the former Research Institute CKD in Prague.

## 2. Development:

Initially, the interest of the company founders was concentrated especially on the noise measurement, acoustical studies and projection activity in the domain of the noise reduction. With the time advance greater attention was devoted to the realization of the measures proposed. The production accumulation required an enlargement of the manufacturing and storage areas that were originally concentrated into the rented room in the Prague – Kyje. The manufacturing cooperation was expanded especially with the traditional producers of the acoustical elements. However, a continuous growth of demand for our products exceed potential of such a production. Therefore, a factory in Uhlirské Janovice was bought in 1999 and the production and main store were relocated to this city nearby Prague. The factory is gradually modernized and adapted according to the production programme. At the beginning of the year 2000 the in process store was established in the Kubikova street in the Prague 8 to serve Prague customers.

## 3. Innovation:

The very first innovation was forced by the depression on the market of vaned machines. Therefore, brand-new G family of celliform silencers was proposed. Their exploitation expanded quickly and in 1997 the production already reached approximately 20 000 pcs / year. During a relatively short time period the renovation of the production program was accomplished and a new family of the engine exhaust silencers was launched on the market. In the engine area the original constructional-chamber silencers were substituted by a group with the steel welded bodies and substantially smaller dimensions and higher attenuation. A new type of insulation boxes was introduced, the design of the soundproof doors and gates was modernized. Insulation boxes for big energetic machines, turbines, CHP units and standby generator sets are now used as components of the deliveries. The exhaust noise silencers of the Diesel-electric locomotives were gradually rebuilt and, after the examination, flexibly put into the production.

## 4. Conception:

The activity is concentrated in two basic directions. The noise reduction problems are dealt with theoretically, and acoustical measurements and analyses are carried on. Then, the realization of the designed measures follows. The appliance is produced, supplied, installed and put into the operation. The reached acoustical effect is verified by a measurement. The measurement results influences backwardly our working and procedures in successive solved cases, and thus, completes our circle of continuous improvement.

Illustration photo:	Firm – work done:
	<p><b>TOYOTA-PEUGEOT-CITROËN</b></p> <p style="text-align: right;">KOLÍN</p> <ol style="list-style-type: none"> <li>1. Modeling of noise spread from automobile operation – production plant.</li> <li>2. Modeling of noise generated from test track operation.</li> <li>3. Modeling of noise spread from paint shop operation.</li> </ol>
	<p><b>LONZA BIOTEC</b></p> <p style="text-align: right;">KOUŘIM</p> <ol style="list-style-type: none"> <li>1. Projection of noise reduction measures on cooling towers.</li> <li>2. Manufacturing and delivery of noise silencers and tubing.</li> </ol>
	<p><b>ROBERT BOSCH</b></p> <p style="text-align: right;">ČESKÉ BUDĚJOVICE</p> <ol style="list-style-type: none"> <li>1. Measurement of noise levels from cooling towers operation.</li> <li>2. Design of noise reduction measures – noise modeling.</li> <li>3. Manufacturing and delivery of acoustic shields for cooling towers.</li> </ol>
	<p><b>NOWACO CZECH REPUBLIC</b></p> <p style="text-align: right;">KRALUPY NAD VLTAVOU</p> <ol style="list-style-type: none"> <li>1. Measurement of noise from warehouse operation, noise monitoring.</li> <li>2. Acoustic studies and design of noise attenuation of the facility grounds.</li> <li>3. Manufacturing and delivery of acoustic shields, silencers etc.</li> </ol>
	<p><b>NAFTA GBELY</b></p> <p style="text-align: right;">GBELY, SLOVAK REPUBLIC</p> <ol style="list-style-type: none"> <li>1. Manufacturing and delivery of blow off silencers.</li> <li>2. Manufacturing and delivery of acoustic enclosures for compressors.</li> </ol>
	<p><b>LOVOCHEMIE – CHEMOPROJEKT</b></p> <p style="text-align: right;">LOVOSICE</p> <ol style="list-style-type: none"> <li>1. Design of noise silencers for compressor intake.</li> <li>2. Manufacturing and delivery of noise silencer.</li> <li>3. Acoustic studies on compressor-room isolation.</li> </ol>
	<p><b>VERTEX</b></p> <p style="text-align: right;">LITOMYŠL</p> <ol style="list-style-type: none"> <li>1. Measurement of production noise levels – design of noise reduction measures.</li> <li>2. Manufacturing and installation of acoustic enclosures and silencers– outdoor.</li> <li>3. Manufacturing and installation of sound absorbers – indoor.</li> </ol>



Illustration photo:	Firm – work done:
	<b>EUROTEL</b> <p style="text-align: right;">PRAGUE</p> <ol style="list-style-type: none"><li>1. Measurement of noise from coolers operation.</li><li>2. Projection of noise reduction measures – acoustic study.</li><li>3. Manufacturing and delivery of acoustic shields on cooling unit.</li></ol>
	<b>ČEZ</b> <p style="text-align: right;">PRAGUE</p> <ol style="list-style-type: none"><li>1. Measurement of noise generated by operation of power plant, noise modeling.</li><li>2. Acoustic studies.</li><li>3. Manufacturing and delivery of acoustic enclosures and noise silencers.</li></ol>
	<b>BREWERY VELKÉ POPOVICE</b> <p style="text-align: right;">VELKÉ POPOVICE</p> <ol style="list-style-type: none"><li>1. Noise measurement and analysis of its origin.</li><li>2. Delivery and installation of flue gas ducting silencer for tank LOOS.</li></ol>
	<b>ALSTOM POWER</b> <p style="text-align: right;">MOSCOW</p> <ol style="list-style-type: none"><li>1. Noise silencer projection.</li><li>2. Manufacturing of noise silencer for tank HRSG – Luzniky Moscow.</li></ol>
	<b>MASHPROEKT</b> <p style="text-align: right;">UKRAINE</p> <ol style="list-style-type: none"><li>1. Projection of acoustic enclosures for turbines and generators including ventilation.</li><li>2. Manufacturing of acoustic enclosures for turbines and generators.</li></ol>
	<b>ORENDA AEROSPACE</b> <p style="text-align: right;">CANADA</p> <ol style="list-style-type: none"><li>1. Projection of acoustic enclosures for turbines including ventilation.</li><li>2. Manufacturing of acoustic enclosures for turbines.</li></ol>
	<b>LINDE TECHNOPLYN</b> <p style="text-align: right;">KRALUPY NAD VLTAVOU</p> <ol style="list-style-type: none"><li>1. Manufacturing and delivery of blow-off silencers for various gases.</li></ol>

Illustration photo:	Firm – work done:
	<p><b>TRANS GAS</b></p> <p style="text-align: right;">POČEDĚLICE</p> <ol style="list-style-type: none"> <li>1. Measurement of noise from transmitting unit operation.</li> <li>2. Projection of noise reduction measures.</li> <li>3. Manufacturing and delivery of noise insulation.</li> </ol>
	<p><b>ČKD NOVÉ ENERGO</b></p> <p style="text-align: right;">NOVOSIBIRSK</p> <ol style="list-style-type: none"> <li>1. Projection of acoustic enclosures for compressors and generators.</li> <li>2. Manufacturing and delivery of acoustic enclosures.</li> </ol>
	<p><b>TEDOM-VKS</b></p> <p style="text-align: right;">HOŘOVICE</p> <ol style="list-style-type: none"> <li>1. Manufacturing of flue gas ducting silencers for combustion engines.</li> <li>2. Manufacturing of noise silencers for ventilation.</li> </ol>
	<p><b>IBAU HAMBURG</b></p> <p style="text-align: right;">HAMBURG, BRD</p> <ol style="list-style-type: none"> <li>1. Manufacturing of blow-off silencers.</li> </ol>
	<p><b>C-KLIMA PRAHA</b></p> <p style="text-align: right;">PRAGUE</p> <ol style="list-style-type: none"> <li>1. Noise measurement, acoustic studies.</li> <li>2. Manufacturing and delivery of acoustic components for inner building facilities.</li> </ol>
	<p><b>DAGGER</b></p> <p style="text-align: right;">PRAGUE</p> <ol style="list-style-type: none"> <li>1. Noise measurement, acoustic studies.</li> <li>2. Manufacturing of acoustic enclosures for diesel engines.</li> </ol>
	<p><b>ČESKÁ DROŽDÁRENSKÁ</b></p> <p style="text-align: right;">OLOMOUC</p> <ol style="list-style-type: none"> <li>1. Noise measurement of yeast production.</li> <li>2. Acoustic measures projection.</li> <li>3. Manufacturing and delivery of noise silencers for air compressors.</li> </ol>

Illustration photo:	Firm – work done:
	<p data-bbox="451 302 842 347"><b>C.I.C JAN HŘEBEC</b></p> <p data-bbox="1326 349 1442 378">PRAGUE</p> <ol data-bbox="451 427 1066 488" style="list-style-type: none"> <li>1. Projection of silencers for ventilation surge tanks.</li> <li>2. Manufacturing and delivery of noise silencers.</li> </ol>
	<p data-bbox="451 533 667 577"><b>SKANSKA</b></p> <p data-bbox="1326 580 1442 609">PRAGUE</p> <ol data-bbox="451 672 1193 701" style="list-style-type: none"> <li>1. Manufacturing and delivery of noise silencers for ventilation.</li> </ol>
	<p data-bbox="451 768 662 813"><b>SUBTERA</b></p> <p data-bbox="1326 815 1442 844">PRAGUE</p> <ol data-bbox="451 873 1121 958" style="list-style-type: none"> <li>1. Noise measurement and noise reduction measures.</li> <li>2. Delivery of noise silencers for underground collectors.</li> <li>3. Manufacturing of soundproof doors.</li> </ol>
	<p data-bbox="451 992 722 1037"><b>METROSTAV</b></p> <p data-bbox="1326 1039 1442 1068">PRAGUE</p> <ol data-bbox="451 1117 1265 1178" style="list-style-type: none"> <li>1. Noise measurement.</li> <li>2. Manufacturing and delivery of noise silencers for subway stations.</li> </ol>
	<p data-bbox="451 1216 699 1261"><b>BOUYGUES</b></p> <p data-bbox="1326 1263 1442 1292">PRAGUE</p> <ol data-bbox="451 1321 1121 1406" style="list-style-type: none"> <li>1. Noise measurement.</li> <li>2. Noise studies for hotel Krivan.</li> <li>3. Manufacturing and delivery of acoustical components.</li> </ol>
	<p data-bbox="451 1440 667 1485"><b>BENTONE</b></p> <p data-bbox="1326 1487 1442 1516">PRAGUE</p> <ol data-bbox="451 1568 1074 1597" style="list-style-type: none"> <li>1. Manufacturing of acoustic enclosures for burners.</li> </ol>
	<p data-bbox="451 1664 1133 1709"><b>HEATING POWER PLANT KYJOV</b></p> <p data-bbox="1350 1711 1442 1740">KYJOV</p> <ol data-bbox="451 1769 1169 1854" style="list-style-type: none"> <li>1. Measurement and analysis of noise from chiller operation.</li> <li>2. Manufacturing and delivery of acoustic shields.</li> <li>3. Acoustic adjustment on machine-rooms' doors.</li> </ol>