

A close-up photograph of a leaf with numerous water droplets on its surface. The leaf's veins are clearly visible, and the droplets vary in size, some reflecting light. The background is a soft, out-of-focus green.

The Gabriel[®] Environment

2006/07

Environmental report

Information on Gabriel's environmental conditions

Close partnership

With the dye works Scandye

Environmentally correct textiles

Labelled with the EU flower

Reduction of energy consumption

Compressed air reduced by 15%

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Company information

Company

Gabriel A/S
 Hjulmagervej 55
 DK-9000 Aalborg
 Reg. no. 176574
 Danish VAT no. 12721307
 Telephone: +45 96 30 31 00
 Fax.: +45 98 13 25 44
 www.gabriel.dk
 mail@gabriel.dk

Group relationships

Gabriel A/S is a wholly owned subsidiary of the publicly listed company Gabriel Holding A/S.

Sector: Textile industry

Principal activities

Production of furniture fabrics including dyeing and finishing treatment.

Listing

Gabriel's dye works in Aalborg requires approval under the Danish Environmental Protection Act, Annex 2, point 206: Companies carrying out preprocessing/textile dyeing with a capacity of up to and including 10 tons per day.

Supervisory authority

City of Aalborg

Financial year

01.10.06 - 30.09.07

Number of employees: 119

External auditor and accredited environmental verification: Danish Standards Association Certification

NACE-kode

17.4 Manufacture of made-up textile articles, except apparel.

Sound green arguments

Sound green arguments for using quality furniture fabrics from Gabriel

Gabriel is Europe's biggest manufacturer of quality woollen furniture fabrics. Gabriel does its own processing, starting with wool from New Zealand and ending with the finished fabric ready for use in upholstery.

The purpose of this environmental report is to provide information to our customers, employees, the authorities, shareholders, the local community and others interested in environmental conditions at Gabriel.

The report covers Gabriel's factory in Aalborg.

This environmental report was prepared in compliance with the requirements of the EMAS regulation on industrial companies' voluntary participation in a common scheme of environmental management and auditing, and with the provisions of Section 35a of the Danish Environmental Protection Act on green accounts with associated regulations.

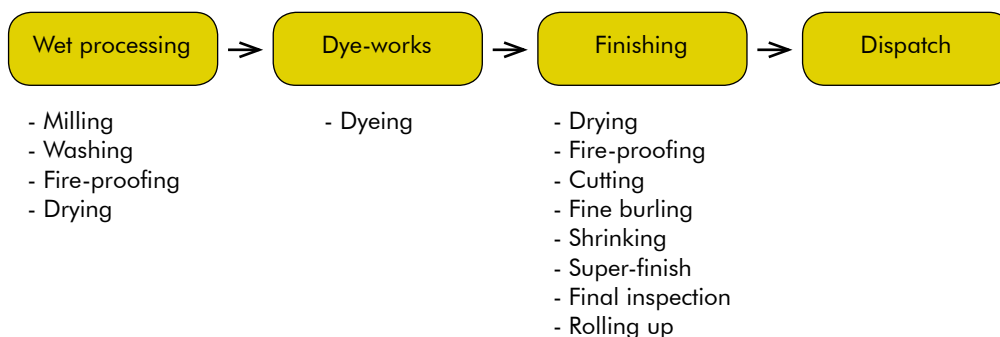
Gabriel's environmental management is certified under DS/EN ISO 14001: 2004.

Gabriel's quality assurance is certified under DS/EN ISO 9001: 2000, the international standard for quality assurance.

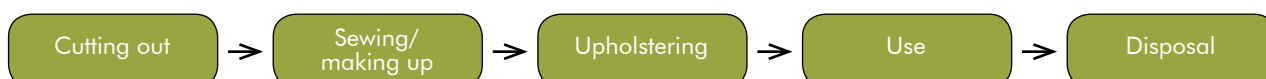
Activities before Gabriel's Aalborg factory



Activities at Gabriel's Aalborg factory



Activities after Gabriel's Aalborg factory



Profile of Gabriel

Philosophy

Innovation and value-creating partnerships are keywords in Gabriel's philosophy. Gabriel is a niche company which develops, manufactures and sells furniture fabrics and related textile products for areas of use in which there are mandatory requirements concerning special product properties, design, logistics, and documented quality assurance and environmental management.

Vision

Gabriel will be the preferred research and development partner and supplier to selected leading international manufacturers and major consumers of upholstered furniture, seats and upholstered surfaces.

Gabriel will achieve Blue Ocean status via an innovative business concept, patents, licences or similar rights.

Financial goals

Gabriel seeks to achieve:

- a pre-tax return on invested capital (ROIC) of at least 15%
- an increasing degree of profitability (EBIT margin)
- an average annual growth in profit per share of at least 15%.
- an average annual growth in turnover of at least 15%

User areas

Gabriel's sales are focused on two areas:

- **Contract** (commercial furniture and seats for transport vehicles, theatres, concerts, cinemas, hospitals and care institutions etc.)
- **Home** (furniture for private homes).



Growth strategy

Gabriel's growth is based on partnerships with about 60 selected major clients in a global strategy. Gabriel's goal is to achieve the biggest share of each of the selected top customers' purchases of furniture fabrics and other value-added components in the value chain.

Possible acquisitions and alliances are under constant evaluation with a view to improving the group's competitiveness and value-creating activities.

Corporate model

Gabriel seeks to fulfil its vision and objectives via the group's strategy, which is implemented with focus on four core processes:

1. Global key account sales activities
2. Innovation in product and process
3. Logistics
4. Competitiveness in price.

Since 2002, Gabriel has been using the Balanced Score Card (BSC) model for implementation of the company's strategy.

Gabriel's corporate model requires a process-oriented method of work which has been introduced in recent years.

Management systems

The following management systems are used in the Gabriel group:

- Quality control under DS/ISO 9001 since 1991 (China from 2006)
- Environmental management under EMAS/ISO 14001 since 1996 (China from 2006)
- Corporate model – Balanced Score Card since 2002
- The EU Flower on main products since 2003
- Research and development – Blue Ocean Strategy since 2005
- Innovation Cup participant since 2006.

Value chain

Gabriel's value chain covers all steps from concept to end user.

Innovation

We try to ensure that new products and services contain exceptional functional or emotional value for the user. Close

collaboration within Gabriel's network of customers, users, suppliers, consultants and competent employees ensures evaluation of new ideas and possibilities.

Our goal is to ensure that at least 25% of turnover derives from products and services launched less than five years ago.

Employees

All employees at Gabriel know the vision and the strategy and work to achieve our common goal. Gabriel wants to attract and retain ambitious, qualified employees who seek and accept challenges.

The daily dialogue and delegation of responsibilities creates dynamism and efficiency. Constant changes, demands for fast handling and adaptation require intellectual and professional flexibility in all staff. The individual employee's qualifications and professional competence are kept up-to-date via job development and relevant training.

Gabriel has a good and informal work climate based on trust, reliability, mutual respect and an awareness of shared responsibility.

Quality and environment

Services provided by Gabriel must correspond accurately to customer needs and expectations. The company's production and distribution must proceed with due respect for the need to ensure a continuing reduction in resource consumption and emissions which might impact upon the environment.

Gabriel's position as a quality and environmentally conscious company is evidenced by its certification under ISO 9001, ISO 14001 and the EMAS Eco-Management and Audit Scheme.



Gabriel A/S is licensed to use the EU flower environmental label, which guarantees the safety of employees during the production process, users of the fabrics, and the environment.



Environmental policy

The environmental management system covers all functions at Gabriel, including the production processes: piece-dyeing and finishing. The system covers Gabriel's Aalborg factory.

Energy consumption has an important impact on the environment, and energy management is an integral part of Gabriel's environmental management.

Energy management covers production processes and supply systems with a significant energy consumption. Environmental goals and the environmental action programme must include energy considerations and ensure ongoing improvements in energy consumption.

The company's general objectives are documented in a business plan prepared once a year for the period 1/10 to 30/9.

Measurable environmental goals are set for all activities. These goals, together with responsibility and competence, must be known by all employees.

Cleaner technology and environmental improvements are introduced on an ongoing basis with due consideration of their technical and economic consequences and the prevention of pollution.

Gabriel conducts an open and close dialogue on environmental requirements with the authorities. The company is pledged to respect relevant legislation and relevant statutory requirements in the area of the environment as well as other provisions to which the company has committed itself.

Gabriel prepares an environmental report in connection with the end of the financial year. The report includes information on significant environmental impacts and objectives. The environmental report is available to the public and is reviewed with all employees at departmental meetings.

Those of the company's employees in contact with customers are able to provide accurate information on Gabriel's environmental objectives and policies. Guidance must be

provided to customers on significant environmental aspects of the use and ultimate disposal of the company's products.

The company's subcontractors must be selected on their ability to comply with environmental requirements and their willingness to enter into an open and close collaboration to achieve optimal solutions.

Contractors working in Gabriel's Aalborg factory must comply with the same environmental requirements applying to Gabriel.

The environmental management system

The environmental management system is an integral part of Gabriel's total management system, which covers the company's management, core and support processes.

The relationships between the individual processes are specified. This applies to responsibility, input and output, and the performance of the various activities.

Gabriel's management system is audited by Gabriel and Dansk Standard. The assessments include an evaluation of whether the system is functioning in practice and complying with the requirements specified for it.

Environmental report of management

As a whole, developments in the company's environmental impacts and the implementation of the environmental action programme for 2006/07 were satisfactory.

Environmental initiatives are being concentrated on the partner ScanDye UAB, in which Gabriel has a 40% holding, in step with the movement of production from Aalborg to the latter dye-works.

The 2006/07 environmental action programme includes the following items:

Research projects:

- Investigation of the environmental consequences of implementing planned building renovations and establishing an innovation centre
- Active participation in the establishment of an environmental management system at ScanDye (partner in Lithuania)
- Preparation of considerations for a decision on a new steam boiler and heating system in cooperation with ScanDye
- Preparation of considerations for a decision on a new drying oven for ScanDye
- Establishment of piece dyeing of polyester goods at ScanDye.

Goal for improvement:

- Fifteen percent reduction in energy consumption for compressed air. The starting point is an estimated annual consumption of 82,000 kWh. Regular readings of energy consumption were initiated on commencement of the action plan (continued from 2005/06).

Investigation of the environmental consequences of implementing planned building renovations and establishing an innovation centre

A decision was made during the year to establish a new innovation centre. The physical framework in a large part of

the company will be changed and the former textile factory will be renovated and included as an open office environment.

Comprehensive analyses of the rooms' future use were made internally and in cooperation with an external firm of architects. A complete project description was prepared which was approved under applicable statutory requirements.

The architects are supervising the project, and participating contractors are responsible for e.g. correct handling of waste when demolishing parts of buildings.

Energy calculations on new and renovated offices, which total 2,874 m², half of which is former production rooms, were made during the planning stage. The annual heating requirement is 195,000 kWh, equivalent to 5,000 m³ of district heating, and the electricity consumption was calculated at approx. 93,000 kWh. As the production area has not been heated since the textile factory moved out and 500 m² have been added, this consumption will mean an equivalent rise in the company's total energy consumption. This increase must, however, be compared with the increase in the number of new jobs and improvements in the working environment which will take place with the establishment of the innovation centre.

The project will be concluded in 2007/08.

Active participation in the establishment of an environmental management system at ScanDye (partner in Lithuania)

Maintaining and continuing to develop the levels of the company's quality and environmental protection initiatives in the production transferred from Aalborg to ScanDye is an absolute goal. There was close collaboration with ScanDye during the year on environmental matters, including establishment of environmental management under ISO 14001. Employees from Gabriel are helping to optimise production processes and to plan and implement investments at ScanDye.

Gabriel has carried out a number of audits which have revealed environmental impacts and areas requiring attention. A collective investment plan for the entire company has been prepared. The plan will ensure that all necessary improvements in the infrastructure are made.

The environmental improvements made during the year include the following:

- Investment in a new well pump and water softening system to minimise the need for use of lake water. This will ensure better cooling of dyeing machines during hot summer periods as well as energy savings in winter, as the groundwater temperature is about 10 degrees all year. The uniform water quality will also ensure better process control and prevent repeat treatments.
- Renovation of roof insulation
- Renovation of laundry and finishing treatment rooms. The renovations include new drains, electrical installations, lighting, and steam and water supplies.
- Oil collector in the parking area. The adjacent lake will thus be protected against pollution.
- Increased use of cooling water for dyeing machines.

Systematic readings of consumption of natural gas, water and electricity and waste water emissions have been commenced. These readings document the need for implementation of the planned investments in building renovations and new processing equipment.

ScanDye has also entered into a partnership with a Lithuanian firm of consultants who will advise on statutory requirements and the establishment of a quality and environmental management system. The system will be certified under the quality and environmental management standards DS/EN ISO 9001 and DS/EN ISO 14001.

Preparation of considerations for a decision on a new steam boiler and heating system in cooperation with ScanDye

A paper to assist in a decision was prepared and the investments are in progress. The investments include a new steam boiler based on natural gas with a capacity of 10 tons of steam an hour and a high efficiency of 95%. The boiler replaces two older steam generators with an estimated efficiency of about 75%. Substantial improvements are also being achieved in reliability, which make retreatments in production unnecessary.

The heating systems have been supplied until now with steam from steam generators. A new water boiler is now being set up based on natural gas with a high efficiency of 97%. In emergencies the boiler can also be heated with fuel oil, minimising the risk of frost damage and disturbances to operation if the natural gas supply fails.

The new boilers are being set up in a new boiler house and operation is planned to start in February 2008.

Preparation of considerations for a decision on a new drying oven for ScanDye

An investment was made in a new drying oven with a capacity to cover all drying needs for woven goods at ScanDye including the production being transferred from Aalborg.

The drying oven has direct heating with natural gas, achieving an optimal energy supply in contrast to the existing drying oven which is partly heated by electricity when there are heavy loads. Electrical heating has a low efficiency.

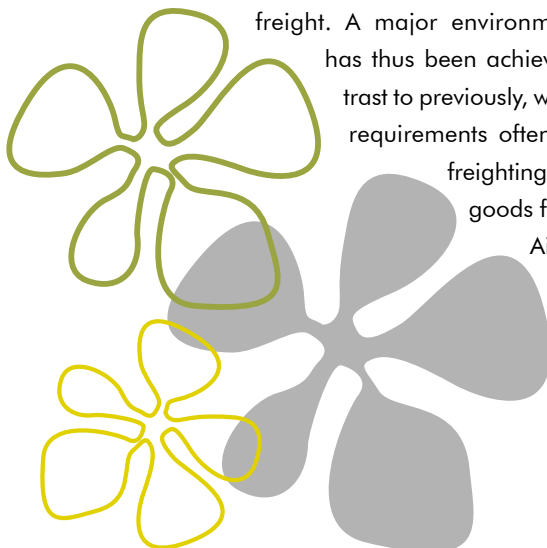
The choice of tried and tested technology and control system makes it possible to monitor and optimise the drying process in relation to both quality and the environment.

The installation has not yet been completed. The drying oven is expected to be ready for operation before the end of the year.

Establishment of piece dyeing of polyester goods at ScanDye

The dyeing of polyester has been commenced and is being performed on raw materials which Gabriel obtains via Gabriel China and which are piece-dyed at ScanDye. The raw materials are received in containers sent as sea

freight. A major environmental gain has thus been achieved in contrast to previously, when supply requirements often led to air freighting of finished goods from China. Air freighting has a significantly



greater environmental impact than sea freight.

Production is being carried out on late model dyeing machines where water and energy consumption have been minimised.

Fifteen percent reduction in energy consumption for compressed air

By improving the controls it has been possible to reduce energy consumption by the desired 15%.

The project has revealed that the compressors are no longer up-to-date. They are therefore not being transferred to ScanDye in connection with the moving of production.

Criteria for determination of significant environmental impacts

Environmental conditions and their impacts have been mapped at the Aalborg site. Following Gabriel's environmental policy, significant environmental impacts are determined on the basis of the following criteria:

- Energy consumption and production
- Quantities of waste water and their content of substances with an environmental impact
- Chemicals and dyes: Gabriel uses a score system under which a calculation of the company's environmental impact in the waste water is made. The score system was developed by the Danish textile and clothing industry, Ringkjøbing County and a number of municipalities in order to assess the environmental impacts of chemicals emitted with waste water from the wet processing of textiles. A score report is prepared each year and the results are given to the City of Aalborg.
- The total quantity of waste, which leads to unnecessary resource consumption
- Information in safety data sheets
- Statutory limit values
- Requirements under the EU eco-label Flower
- New information from institutes, authorities and others with extensive expertise in the area of the environment.

The importance of environmental impacts is expressed by setting up key figures which show the impact relative to production. The goal is to minimise the relative environmental impact.

Assessment of environmental impacts in the factory area

Total relative energy consumption was 2% less than last year as a result of a lower consumption for heating.

The relative quantity of waste water was 7% higher than last year. A significant increase in orders has also meant increased use of dyeing machines, which have a relatively high water consumption. There was also change in mix from yarn-dyed products to piece-dyed products, which means a higher water consumption in Aalborg. Investment in new dyeing machines for small series sizes has therefore been included in the environmental action programme for 2007/08.

Ongoing readings of waste water confirm compliance with the requirements specified in the waste water permit.

The relative quantity of industrial waste increased by 23% relative to last year. This is because stores of goods samples were sent for destruction because of an increased use of IT in recent years. The process is continuing in 2007/08, where the figures are also expected to be affected by building renovations in progress. The waste consists principally of textile remnants and packaging which are unsuitable for recycling and are therefore sent for incineration.

Relative consumption of chemicals fell by 5% because of changes in the mix.

The terms for noise and emissions to the atmosphere specified in the City of Aalborg's environmental approval were complied with. The terms are given in notes on page 15.

Consumption of raw materials is primarily wool from New Zealand and sodium sulphate, which is used in dyeing processes, and sodium chloride, used to soften river water for washing, dyeing and production of steam.

Reticulated water accounts for only a minor part of water consumption as processing is based on river water.

Consumption of dyes depends primarily on the sales mix. Dark colours require greater quantities of dyes. 96 % of the total consumption of chemicals complies with the requirements for the EU eco-label Flower. This ensures that the chemicals have the smallest possible impact on the envi-

ronment. The environmental data are given in the table on page 13.

Assessment of indirect environmental impacts

Indirect environmental impacts at suppliers' premises are determined on the basis of the same criteria of significance used in the assessment of Gabriel's activities in Aalborg.

Environmental matters are evaluated in visits to suppliers, and Gabriel requires its suppliers to comply with all local statutory requirements. Suppliers are also evaluated in relation to Gabriel's environmental requirements, and action plans are reviewed with suppliers to ensure that their environmental level is constantly under development.

The environmental audits made at selected subcontractor's premises include charting of environmental considerations and environmental management, and assessment of compliance with ISO 14001 requirements. The criteria for labelling with the EU Flower are also used.

Environmental impacts are also evaluated by carrying out life cycle analyses as described in the following reports published by the Danish Environmental Protection Agency.

- Life cycle analysis (LCA) of textiles from Gabriel, documentation report under ISO 14040, May 2000.
- Life cycle analysis and product-oriented environmental management at Gabriel, May 2000.

Significant indirect environmental impacts at subcontractors' premises include:

- Energy consumption and waste water in scouring and dyeing
- Consumption of chemicals
- Energy consumption
- Raw materials
- Waste from production
- Waste water
- Transport of raw materials and finished goods.

The environmental qualities of Gabriel's products ensure that there is no impact on the environment from either processing or many years of use by the consumer. The products can be handled after their useful lives as ordinary non-hazardous waste or recycled, as they contain no hazardous substances such as heavy metals.

The working environment

Gabriel ranks employee safety, health and well-being highly.

In cooperation with the consultancy BST, employees have received instruction in correct work positions and the carrying out of work routines. Recommendations were prepared concerning aids and preventive exercises.

Employees with special needs are offered flexijobs or reduced hours of work in order to preserve their position in the labour market. An arrangement was also established under which employees with physical problems are treated at work by a physiotherapist.

A varied range of healthy food and fruit is offered in the canteen.

Gabriel is participating in a dialogue meeting with the City of Aalborg on the development of a strategy for sustainable development.

Employee participation

Delegation of responsibility and a process-oriented work procedure ensure the individual employee an influence on his or her own work situation at Gabriel.

Employees are involved in environmental management under Gabriel's environmental management system. Environmental matters are considered at departmental meetings and areas requiring attention are determined.

Environmental approvals

The City of Aalborg has given Gabriel approval under Section 33 of the Environmental Protection Act and a permit to emit waste water to the public sewerage system under Section 28 of the Act.

Nordjylland County has given a permit for the use of river water for processing under Section 20 of the Water Supply Act. en § 28.

Environmental action programme

The environmental action programme includes the following components:

Research projects Aalborg:

- Specification of areas of action for reduction in quantities of waste

Improvement projects Aalborg:

- Establishment of emergency plans for the new innovation centre
- Moving of processing equipment to ScanDye
- Establishment of recycling of cardboard cylinders from at least three customers

Improvement projects at ScanDye:

- Investment in new dyeing machines for small series sizes
- Establishment of infrastructure for piece dyeing (including colour kitchen)
- Minimisation of water and energy consumption
- Preparation and testing of emergency plans

Targets for minimisation of water and energy consumption:

- Current water consumption to be reduced by at least 10% from 213 to 191 litres/kg.
- Current natural gas consumption to be reduced by at least 10% from 1.27 to 1.14 m³/kg.
- Current electricity consumption to be reduced by at least 10% from 2.13 to 1.91 kWh/kg.

The current partnership between Gabriel and ScanDye will be maintained, and working meetings will be held at ScanDye at least once a month. New installations will be planned in detail and their environmental aspects assessed. Environmental management in accordance with ISO 14001 will be established, and ScanDye will then be certified.

Responsibility for implementation of the various activities in the environmental action programme has been assigned. The activities will be finished by 30.09.08.

Management regularly follows up on implementation of the activities in the environmental action programme.

The deadline for completion of the next environmental report for 1007/08 is 31 January 2009.

Further information

Please contact Gabriel if further details on the company's environmental issues are required.

Accounting policies

This environmental report was prepared in compliance with the requirements of the EMAS regulation, including verification. The report thus also complies with the requirements of Section 35a of the Danish Environmental Protection Act and associated regulation on green accounts.

The report covers the period 01.10.06 – 30.09.07 and summaries were made on the basis of the usual periodisations of the company's activities.

The environmental report includes both absolute quantities and key figures.

Information in the report is based on data from ongoing internal readings and reports under the environmental management system.

Aalborg, 2 November 2007
Management



Jørgen Kjær Jacobsen
General manager



Rudi Bjørn
Sales manager

Environmental auditor's certificate

EMAS Validation of environmental statement

DS Certificate No. 459.1

This is to certify that an environmental statement of the company

GABRIEL A/S
Hjulmagervej 55
9100 Aalborg

has been prepared in conformity with the relevant requirements laid down in the Regulation (EC) No 761/2001 of the European Parliament and of the Council of 19 March 2001 allowing voluntary participation by organisations in a Community eco-management and audit scheme (EMAS).

Reference to the environmental statement:

**Environmental Statement 2006/2007, dated 2 November 2007,
written in Danish**

DS Certificering A/S has verified this statement written in Danish and does not vouch for translations of the environmental statement into other languages

Reference to the environmental management system:

**Environmental Management Manual of GABRIEL A/S,
edition dated 26 Oktober 2007**

NACE code and industrial sector:

17.4 Manufacture of made-up textile articles except apparel

On the basis of an examination of the environmental statement and the environmental management system mentioned above, including the environmental policy, environmental programmes and audit procedures, the DS Certificering A/S hereby certifies that the environmental policy has been established so that it meets the requirements of Article 3 and relevant requirements in Annex I of the Regulation referred to; that an environmental programme and an environmental management system are in place and comply the relevant requirements in Annex I of the Regulation; that the environmental audit has been carried out in accordance with the relevant requirements in Annexes I and II of the Regulation; that data and information in the environmental statement are reliable and adequately cover all the significant environmental issues of relevance to the site, and that the industrial activities of the company correspond to the above NACE code and industrial sector.

2007-12-21
Date of issue


Peter Nygaard
Managing director



DS CERTIFICERING A/S
Kollegievej 6, 2920 Charlottenlund



Environmental data

Environmental data Gabriel A/S	2006/07 Actual	2005/06 Actual	2004/05 Actual	2003/04 Actual	2002/03 Actual	2001/02 Actual
Energy						
Natural gas (m3)	567,788	501,807	478,410	484,205	515,869	549,760
(m3/m)	0.44	0.44	0.44	0.52	0.53	0.49
(KWh/m)	4.75	4.75	4.75	5.60	5.72	5.29
District heating (m3) (data May)	28,706	29,495	31,094	24,267	27,516	29,589
(m3/m)	0.022	0.026	0.029	0.026	0.028	0.026
(KWh/m)	0.89	1.05	1.17	1.05	1.13	1.05
Electricity (KWh)	1,429,900	1,267,600	1,232,700	1,175,300	1,262,000	1,424,000
(KWh/m)	1.11	1.12	1.14	1.25	1.30	1.26
Total energy (KWh/m)	6.75	6.92	7.06	7.90	8.15	7.60
Waste water						
Waste water (m3)	116,485	95,474	88,370	87,162	92,090	105,062
(l/m)	90	84	82	93	95	93
Waste						
Chemical waste (kg)	0	0	0	0	0	490
Industrial waste (kg)	35,260	25,006	28,680	25,730	36,860	47,720
(gm/m)	27	22	27	28	38	42
Cardboard for recycling (kg)	36,010	29,780	29,240	25,500	20,580	22,700
Plastic for recycling (kg)	4,770	5,310	4,400	4,600	2,760	3,640
Chemistry						
Chemicals (kg)	128,860	118,872	115,420	113,870	126,745	127,542
(gm/m)	100	105	107	122	131	113
Dyes (kg)	15,898	12,016	10,833	10,310	11,166	12,523
(gram/dyed kg)	26	24	23	23	22	25
Consumption of raw materials/ reticulated water						
Yarn (kg)	886,664	751,314	738,641	618,293	648,449	710,042
Sodium sulphate (kg)	40,050	37,950	36,625	39,840	54,600	55,650
Sodium chloride (kg)	60,220	63,501	49,890	45,200	50,250	73,470
Reticulated water (m3)	11,553	9,948	9,041	10,017	12,390	8,365
Environmental data Scandye (Financial year 01.01.07 - 30.09.07)						
Energy						
Natural gas (m3)	37,484					
(m3/kg)	1.27					
Electricity (KWh)	629,181					
(KWh/kg)	2.13					
Waste water (m3)	63,137					
(l/kg)	213					

The goal for improvement for 2006/07 is given under Environmental action programme on page 11.

Notes

Energy

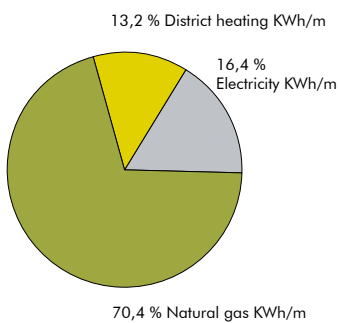
The unit "m" specifies metres of furniture fabric with width varying from 1.3 to 1.7 m.

1 m³ natural gas = 10.8 kWh (source: Dansk Naturgas A/S).

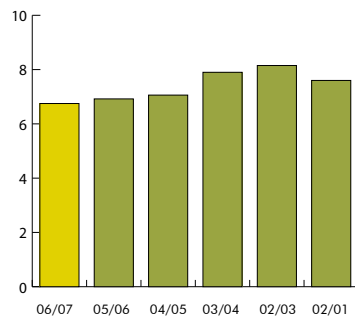
A cooling of 35 degrees C was used for conversion of m³ of district heating to kWh.

Total energy is the sum of energy consumption in kWh/m from natural gas, district heating and electricity.

Energy supply



Total energy (KWh/m)



Waste

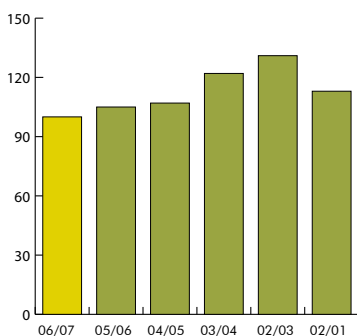
Waste recorded does not include construction and metallic waste from renovation of buildings and plant.

Requirements concerning emissions to the atmosphere

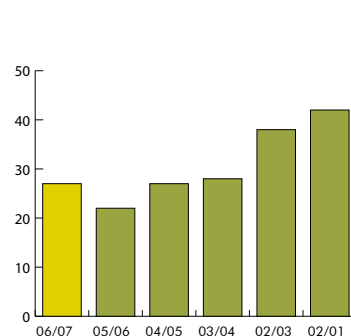
The following requirements are specified for emissions to the atmosphere in Gabriel's environmental approval under Chapter 5 of the Danish Environmental Protection Act:

- Natural gas firing with a nominal thermal output of between 120 kW and 50 MW must be able to maintain a concentration of 5 mg dust/Nm³ in the flue gas. The concentration of NO_x emitted to the environment by the company's natural gas firing may not exceed 0.125 mg/m³ of air. This value applies to the NO₂ fraction of the NO_x. In calculating the emission height, all NO_x must be converted to NO₂ if there is no information on the proportions of the components in the NO_x. However, at least half of the emitted NO_x must always be assumed to be NO₂.
- In the Department of Industry's judgment, the company's operations may not cause significant problems of odour, vapours or noise in the surrounding area.
- The concentration of acetic acid emitted to the environment by the company may not exceed 0.1 mg/m³.
- The concentration of triethanolamine emitted to the environment by the company may not exceed 0.01 mg/m³.

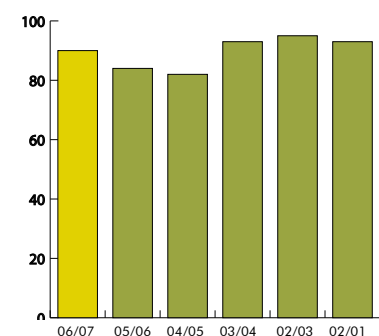
Consumption of chemicals (gram/m)



Industrial waste (gram/m)



Waste water (l/m)





H1 Kærby Light industry	H1 Kærby Residential	Allotments K.P. till.2.33	B1 Kærby	R1 Frydendal
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Day:	Times:					
Monday-Friday	06.00-18.00	60	55	50	45	50
Saturday	07.00-14.00	60	55	50	45	50
Saturday	14.00-18.00	60	45	45	40	45
Sunday and holidays	07.00-18.00	60	45	45	40	45
Evening:		Times:				
All days	18.00-22.00	60	45	45	40	45
Night:		Times:				
Monday-Friday	22.00-06.00	60	40	40	35	45
Saturday, Sunday and holidays	22.00-07.00	60	40	40	35	45
Max. noise level at night:			55	55	50	55

Requirements concerning noise

The following requirements are specified for noise in Gabriel's environmental approval under Chapter 5 of the Danish Environmental Protection Act:

The noise generated by the company – measured outdoors – converted to the equivalent corrected noise level dB(A) may not at any time in the designated areas exceed the values specified above.

The specified limit values for noise were determined on the assumption that they will be observed within the following times:

- For the day period 7.00-18.00 (6.00-18.00 Monday-Friday), the limit values must be observed within the noisiest eight-hour period.
- For the evening period 18.00-22.00, the limit values must be observed within the noisiest hour.
- For the night period 22.00-07.00 (22.00-06.00 Monday-Friday), the limit values must be observed within the noisiest half-hour.

