

Updated Environmental Statement 2011

STABILUS GmbH
Koblenz Site



Environmentally Relevant Aspects, Data and Figures

2008/09 + 2009/10 input/output balance sheet and core indicators

General information:

The following core indicators are composed of:

- Figure **A** indicating the total input/effects on the corresponding areas during the fiscal year
- Figure **B** indicating the total outputs of the organization during the fiscal year
- Figure **R** indicating ratio A/B

Core indicators

The following breakdown lists and compares the core indicators of the last two fiscal year

Fiscal reporting period: Oct.-Sept.
(some data taken from calendar year)

* Values were calculated from heating/ surface treatment system measurement values that were available as of 9/30/2010.

** Values were calculated from natural gas consumption using the gas supplier's emission factor.

*** Values were extrapolated from consumption and measurement values from wastewater treatment systems.

Input (Figure A)	FY 08/09	FY 09/10	Unit
Raw materials/materials			
Ferrous metals	15.135	18.647	t
Non-ferrous metals	102	134	t
Plastics/rubber	643	1.347	t
Auxiliary materials and supplies			
Oils/greases/lubricants	534	717	t
Acids, alkalis, chemical compounds	866	916	t
Paints and thinners	201	227	t
Packaging material, paper, cardboard, wood	611	806	t
Packaging material, plastics	236	184	t
Technical gases	1.006.993	1.236.717	m ³
Energy			
Electrical energy	37.074	42.519	MWh
Natural gas	26.676	30.211	MWh
Water			
Potable water	6.793	8.671	m ³
Well water	72.958	76.550	m ³
Ground (area)	78.789	78.789	m²

Input (figure R)	FY 08/09	FY 09/10	Unit
Raw materials/materials/ auxiliary materials and supplies	1,2867	1,2113	t/t
Technical gases	70,6959	65,1899	m³/t
Total energy (electricity and natural gas)	4,4756	3,8337	MWh/t
of which renewable energies (electricity)	0,5661	0,4875	MWh/t
Total water	5,5989	4,4922	m³/t
Ground (area)	5,5314	4,1531	m²/t

Output (figure R)	FY 08/09	FY 09/10	Unit
Emissions*			
Carbon dioxide (CO ₂)**	0,3746	0,3185	kg/t
Sulfur dioxide (SO ₂)	0,0000	0,0000	kg/t
Nitrogen oxide (NO _x)	0,0004	0,0003	kg/t
Dust	0,0000	0,0000	kg/t
Waste for recycling	0,2278	0,2052	t/t
Waste for disposal	0,0435	0,0316	t/t
Compressed air	2113,2	1908,2	m³/t

Output (figure A)	FY 08/09	FY 09/10	Unit
Emissions*			
Carbon dioxide (CO ₂)**	5.335.310	6.042.267	kg
Sulfur dioxide (SO ₂)	80	91	kg
Nitrogen oxide (NO _x)	6.014	5.583	kg
Carbon monoxide (CO)	133	151	kg
Carbon (total)	14.517	4.664	kg
Ammonia (NH ₃)	24.765	2.162	kg
Cyanide	155	172	kg
Particles	40	79	kg
Wastewater***			
Black water	2.751	4.345	m ³
Evaporation, discharge	31.988	35.905	m ³
Technical wastewater	45.012	44.971	m ³
of which wastewater loads:			
AOX	8	6	kg
Total chromium	0	0	kg
Copper	0	0	kg
Hydrocarbons	73	210	kg
Waste for recycling	3.245	3.893	t
Iron and steel waste	2.323	2.811	t
Paper and cardboard waste	184	178	t
Used machining oils	110	103	t
Non-ferrous waste	9	13	t
Metal sludges	432	522	t
Wood waste	26	59	t
Plastic waste	56	68	t
Electronic waste	5	7	t
Industrial waste	100	132	t
Waste for disposal	619	599	t
Sludges from surface treatment	5	1	t
Metal hydroxide sludges	208	186	t
Absorbents and filter materials	24	30	t
Salts	36	13	t
Construction waste	95	63	t
Liquids, sludges from separators	40	45	t
Solvents, paint and paint sludges	12	21	t
Contaminated plastic waste	28	41	t
Emulsions	171	166	t
Acids	0,4	32	t
Miscellaneous	0.008	1	t
Compressed air	30,1 Mio	36,2 Mio	m³

Environmentally Relevant Aspects, Data and Figures

Input/output balance sheet and core indicators 2008/09 + 2009/10

Quantity produced (figure B)	FY 08/09	FY 09/10	Unit
	50,8 Mio	65,4 Mio	St/FY
	14.244	18.971	t/FY

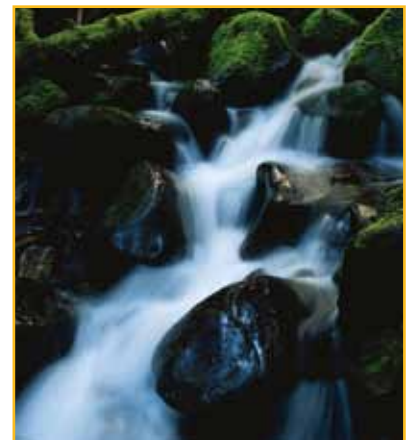
The produced quantity as number of pieces represents the number of devices produced in production that were passed on to the warehouse area.

Quantity t/FY (figure B) is the weight of sold devices shipped to customers by Logistics, excluding packaging.

The emission data was extrapolated from emissions measurements on the qualifying date. All systems requiring approval are still within the legal limits that apply to us.

Due to the substitution of all chromate-containing auxiliary materials in paint pretreatment, as well as the shutdown of all galvanizing systems, no more wastewater containing chrome and copper is being generated. The parameters will continue to be listed until final disassembly of the old systems.

Industrial waste was classified as waste for recycling.



Legal regulations

Our own employees as well as external service providers working in our organization regularly attend continuing education events to keep abreast of changes in legal requirements. This applied in particular to changes in the German Water Resources Act (WHG), Recovery and Disposal Act, and Federal Law on Environmental Pollution Protection.

In addition, the monthly reports from the online information service www.umweltonline.de are analyzed on a regular basis. If there is a need for action due to legal changes, our Environmental Department will forward this to the persons responsible for implementation.

The implementation of and compliance with legal requirements will be ensured by the Coordinators for Waste, Water Protection, Environmental Pollution Protection, Hazardous Goods, as well as through internal audits. In addition, an external certified environmental expert will check compliance through annual monitoring.

Precise customer wishes regarding the products' structure and composition, and the audits performed by customers also ensure compliance with legal requirements.

Where required by law, authorized expert firms will be hired for setup, installation, maintenance and cleaning to ensure performance in compliance with laws.

The primary legal regulations in the environmental area are the German Water Resources Act, the Rhineland Palatinate State Water Act, the German Recovery and Disposal Act, and the Federal Law on Environmental Pollution Protection. All required permits for construction and operation of the buildings and systems have been obtained. If limit values are specified in permits or the TA Luft ("Technical Regulation Air") for systems not requiring a permit, authorized measuring entities will perform analyses at regular intervals to check for compliance with limit values. The corresponding measuring reports will be evaluated by the Environmental Department and copies of the reports sent to the government authority responsible.



Environmental goals and measures

Goal	Measure	Measured variable	Responsibility	Date (week)	Progress*				Remark
Reduction Energy consumption and environmental footprint	Reduction in compressed air consumption by improving preventive maintenance of compressed air systems	Testing of 20 systems	DEST/DEPx	2006/2007 2007/2008 2008/2009 2009/2010 2010/2011	x x x x x	x x x x x	x x x x x	x x x x x	Testing of >20 systems in FY 06/07 and 07/08. Consumption diagrams are presented monthly at DE FK meeting.
Reduction in emissions	Reduction in emissions through process changes in catalytic combustion in nitrating process by 10%	Emissions load	DEPC/SEP/DESE	2009/2010	x	x			Completed in week 42/10 Reduction ammoniac >90%
Reduction in emissions	Reduction in emissions through process changes in surface treatment (water-based paint over powder paint)	Obtain customer approval	SME/SEP/DEPL	2006/2007 2007/2008 2008/2009 2009/2010	x x x x	x x x x	x x x x	x x x x	Production line Lift 31 changed over to powder paint: 20% 50% 75% 100%
Optimization of management system	Increased auditing of companies working on-site Repeat third-party audits every three years	Companies	DESE	2006/2007 2007/2008 2008/2009 2009/2010 2010/2011	x x x x x	x x x x x	x x x x x	x x x x x	Change in auditing according to DESE-V023
Optimization of management system	Reorganization of environmental protection training by moving classes to first trimester of job training		SHRA/DESE	2009/2010	x	x	x	x	Achieve increased environmental awareness during training
Optimization of management system	Increase awareness for technical, upper and mid management regarding environmental liability and new hazardous materials regulation	One event	DESE/SHR	2009/2010	x	x	x	x	Completed February 2010
Saving resources	Continue innovation process Keys KHF09, material, tool and energy savings	Performance level 2.75	DEPx/DEST	2009/2010 2010/2011	x x	x x	x x	x x	Quarterly audits of divisions by persons responsible for divisions
Saving resources	Energy savings on production systems (electricity/compressed air) by introducing web-based energy management	Energy consumption	SEP	2010/2011	x	x			Set up quantity logging
Saving resources	Continue planned changeover to environmentally friendly transport pallet models	30% of customers receiving one-way packaging	SME	2009/2010 2010/2011	x x	x x	x x	x x	Detailed project plan has been created, technical changes have been planned and, in part, implemented. Optimization for reducing inner packaging for additional variants has been started.
Improvement of management system	Implementation of a certified energy management system	Conservation of energy	DEST/DESE	2011/2012	x				New EnMS will be integrated in ISO 14001

* Progress X=Planning XX=Order XXX=Setup XXXX=Introduction completed

Validation

Declaration by a Certified Environmental Expert on the assessment and validation activities

The undersigned, Klaus-Dieter Fürsch, EMAS Environmental Expert at TÜV SÜD Umweltgutachter GmbH with registration number DE-V-0067, certified for area 28.12 (NACE-Code) herewith confirms to have assessed whether the site meets - as stated in the Updated Environmental Statement of the organization

Stabilus GmbH
Wallersheimer Weg 100
56070 Koblenz

with the registration number DE-141-00021 - all requirements of Regulation (EC) No 1221/2009 of the European Parliament and of the Council of 25 November 2009 on the voluntary participation by organizations in a Community eco-management and audit scheme (EMAS).

By signing this statement, it is confirmed that

- The assessment and validation were performed in full compliance with the requirements of Regulation (EC) No 1221/2009,
- The result of assessment and validation confirms that no evidence of non-compliance with valid environmental regulations exists,
- The data and information in the Updated Environmental Statement of the site presents a reliable, credible and true picture of any and all activities of the site within the area indicated in the Environmental Statement.

This Statement does not constitute registration under EMAS. Registration under EMAS can only be obtained from a Competent Body pursuant to Regulation (EC) No 1221/2009. This Statement may not be used as an independent basis for informing the public.

Munich, this *28. 10. 2011*
Klaus-Dieter Fürsch

Klaus-Dieter Fürsch
Expert of
TÜV SÜD Umweltgutachter GmbH

ZERTIFIKAT ♦ CERTIFICATE ♦ 證書 ♦ CERTIFICADO ♦ CERTIFICAT



CERTIFICATE

The Certification Body
of TÜV SÜD Management Service GmbH
certifies that

Stabilus GmbH
Wallersheimer Weg 100
D-56070 Koblenz

has established and applies
an Environmental Management System for

**Development (Stabilus Germany),
Manufacturing and Distribution of Systems for
Hydraulic Dampening and Adjustment of Doors,
Hoods and Seats as well as Industrial Applications**

An audit was performed, Report No. **70015917**
Proof has been furnished that the requirements
according to

ISO 14001:2004
are fulfilled. The certificate is valid until **2012-09-03**
Certificate Registration No. **12 104 8524 TMS**


 Munich, 2009-09-24


 IAF
INTERNATIONAL ASSOCIATION OF CERTIFICATION BODIES
 EMS-104-2M-07-02

TÜV SÜD Management Service GmbH • Zertifizierstelle • Röhrenstraße 60 • 80339 München • Germany TUV®

Certificate of Registration



The Company
Stabilus GmbH

Site
Wallersheimer Weg 100
56070 Koblenz

Registration-No: **DE-141-00021**

Date of first registration
23rd October 1997

This certificate is valid until
31st August 2012

This organisation has established an environmental management system according to EU-Regulation 761/2001 and EN ISO 14001:2004 section 4 to promote the continual improvement of environmental performance, publishes an environmental statement, has the environmental management system verified and the environmental statement validated by a verifier, is registered under EMAS and therefore is entitled to use the EMAS-Logo.



IHK
 Arbeitgeberverband
 Rheinland-Pfalz

Registrierende Stelle im Gewerkschafts-
 system für das Umweltmanagement und die
 Umwelterfüllung

Industrie- und Handelskammer für die Pfalz als registrierende
 Stelle der Arbeitgebergemeinschaft der rheinland-pfälzischen IHKs,
 10.11.2009


 Will Kühn
 Präsident


 Dr. Rüdiger Beyer
 Hauptgeschäftsführer



0/07.11/ARTKOM

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Subject to misprints and changes.

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