RAILWAY SYSTEMS
by voestalpine

ENVIRONMENTAL STATEMENT 2024

voestalpine Rail Technology GmbH

voestalpine Railway Systems
www.voestalpine.com/railway-systems

voestalpine
ONE STEP AHEAD.

CONTENT

Environmental statement 2024 according to EMAS III allowing voluntary participation by organizations in a community eco-management and audit scheme. The next full environmental statement will be published at the recertification in 2025.

voestalpine Rail Technology (NACE-Code C24.10.-0)

ENVIRONMENTAL MANAGEMENT SYSTEM

Development of environmental protection

Active environmental protection was introduced at the Donawitz site in the seventies. Since the division of the Donawitz site according to corporate law in the nineties, each company has been individually responsible for environmental issues. At the end of 1996, voestalpine Rail Technology GmbH decided to establish and implement an integrated Environmental Management System (EMS). The start of the project to establish an EMS was implemented in September 1997. The validation of the EMS to EMAS-V and certification to ISO 14001 took place in December 1998. A great degree of success has been achieved in the areas of environment and economy by consistent implementation of the defined objectives.

Organization of environmental protection

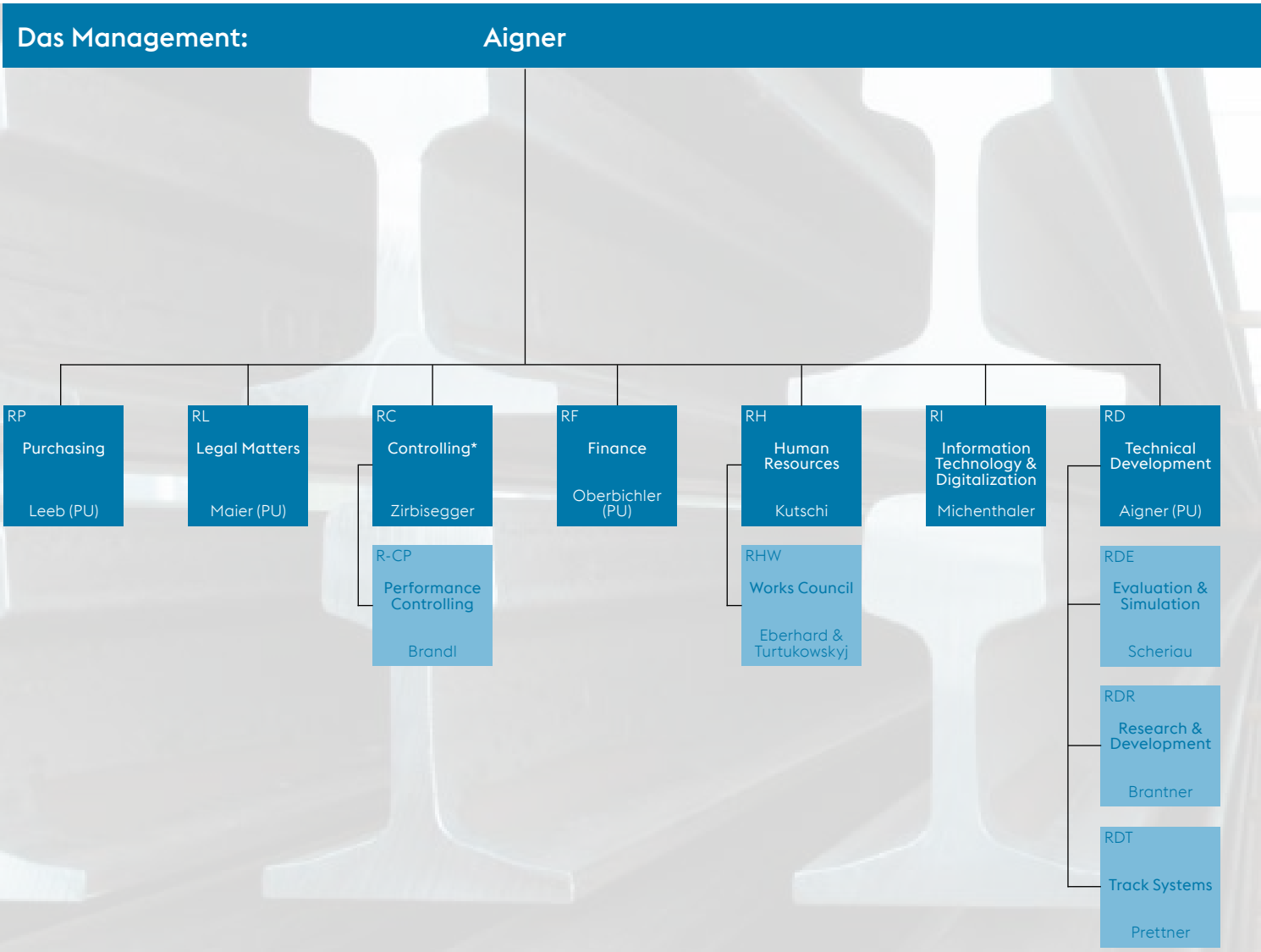
Environmental protection is an integrated part of management policy and as such is a “management issue”. The management of the company determines the environmental policy and is responsible for the regular monitoring of the Environmental Management System. The assessment takes place by means of an annual management review, in which the results of environmental audits are presented.
The environmental officer reports directly to the Board of Management of the company and is responsible for the application of the management system as well as the implementation of work processes relevant to the environment. In addition, the environmental officer is the central contact point for authorities, customers and the interested public.

Environmental audits

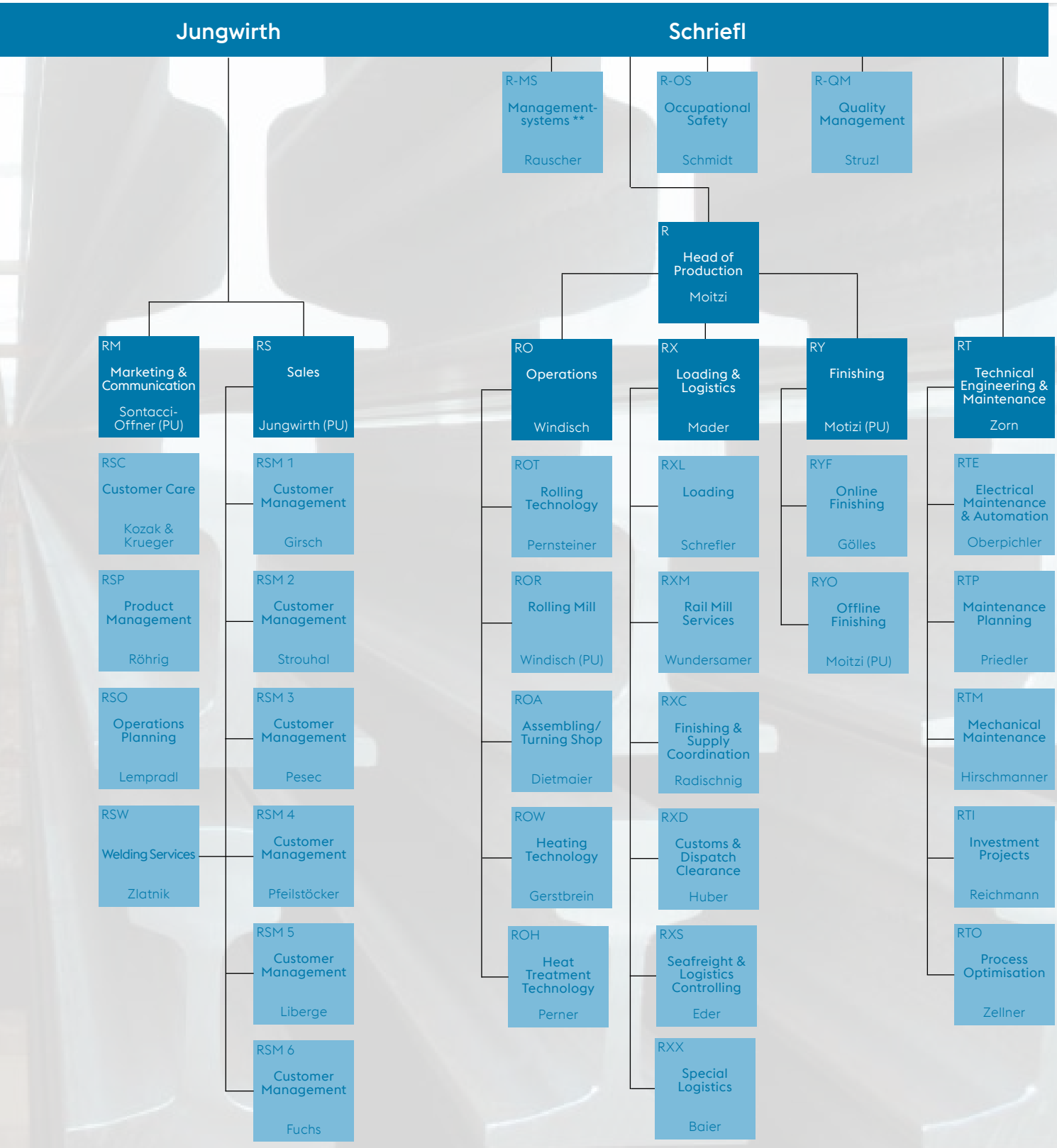
Independent experts annually review the environmental objectives and the effectiveness of the defined measures. The results of these audits, also named “internal audits”, are summarized in a report called the Management Review. The Board of Management of the company assesses the Management Review and decides to what extent the defined objectives have been achieved. Existing objectives can subsequently be revised and new objectives and measures formulated.

ORGANIZATIONAL CHART

voestalpine Rail Technology GmbH is part of the voestalpine Group and belongs to the Metal Engineering Division. The detailed structure of voestalpine Rail Technology GmbH is shown in the following organizational chart:



* incl. Risk Management
** Environment, Quality, Energy, Safety


Jungwirth
Schriefl
R-MS
Management-systems **
Rauscher
R-OS
Occupational Safety
Schmidt
R-QM
Quality Management
Struzl
R
Head of Production
Moitzi
RM
Marketing & Communication
Sontacci-Offner (PU)
RS
Sales
Jungwirth (PU)
RO
Operations
Windisch
RX
Loading & Logistics
Mader
RY
Finishing
Motizi (PU)
RT
Technical Engineering & Maintenance
Zorn
RSC
Customer Care
Kozak & Krueger
RSP
Product Management
Röhrig
RSO
Operations Planning
Lempradl
RSW
Welding Services
Zlatnik
RSM 1
Customer Management
Girsch
RSM 2
Customer Management
Strouhal
RSM 3
Customer Management
Pesec
RSM 4
Customer Management
Pfeilstöcker
RSM 5
Customer Management
Liberge
RSM 6
Customer Management
Fuchs
ROT
Rolling Technology
Pernsteiner
ROR
Rolling Mill
Windisch (PU)
ROA
Assembling/ Turning Shop
Dietmaier
ROW
Heating Technology
Gerstbrein
ROH
Heat Treatment Technology
Perner
RXL
Loading
Schrefler
RXM
Rail Mill Services
Wundersamer
RXC
Finishing & Supply Coordination
Radischnig
RXD
Customs & Dispatch Clearance
Huber
RXS
Seafreight & Logistics Controlling
Eder
RXX
Special Logistics
Baier
RYF
Online Finishing
Gölles
RYO
Offline Finishing
Moitzi (PU)
RTE
Electrical Maintenance & Automation
Oberpichler
RTP
Maintenance Planning
Priedler
RTM
Mechanical Maintenance
Hirschmanner
RTI
Investment Projects
Reichmann
RTO
Process Optimisation
Zellner

MANAGEMENT POLICY

of voestalpine Rail Technology GmbH, April 2024

As an innovative company, voestalpine Rail Technology GmbH is committed to upholding the highest standards in environmental stewardship, quality assurance, health and safety, energy efficiency, sustainable development, and social responsibility. In order to achieve this, the following basic principles were defined in cooperation with all employees. The integrated management system has to meet the requirements of ISO 9001 and ISO 14001, the EMAS Regulations as well as the ISO 45001 and ISO 50001.

Our company gives equal priority to quality, environmental protection, energy conservation, and industrial health and safety. The continuous improvement process (CIP) raises each employee's awareness of his/her responsibility for quality, environmental protection, energy conservation, and industrial health and safety. Training measures consolidate this sense of responsibility. The board of management regularly verifies and assesses the efficiency of the integrated management system.

OUR MANAGEMENT POLICY
FOR THE ENVIRONMENT, QUALITY, HEALTH AND SAFETY, AND ENERGY

Our definition of quality is the satisfaction of:

- the demand and expectations of internal and external clients and suppliers
- market requirements, in particular just-in-time deliveries of pre-finished, ultralong, head hardened rails
- development, production and delivery of products and services that meet the customers´ demands and expectations

Our definition of conserving the environment and energy:

- Continuous reduction of environmental impact
- Compliance with environmental and energy relevant legislation and other compliance obligations
- Consideration of environmental impact during development, production, delivery and recycling of our products
- Prevention of accident-related emissions and continuous checks on compliance with the environmental policy and targets
- An open communication with the general public, customers, suppliers and the authorities
- External partners working on the plant in accordance with our environmental rules
- Best possible protection of recources
- Continuous improvement of energy efficiency
- Best possible use of available energy
- Procurement of energy-efficient products and services
- Design-related operations, which include optimization of energy-related performance

Our definition of health and safety is:

- Compliance with the labor protection law and other requirements the organization is obliged to comply with
- Protection and promotion of the health of our staff by active preventive action
- Open communication with staff, stakeholders and authorities
- Continuous development and implementation of accident prevention measures, prevention of work-related diseases and promotion of health topics
- Continuous improvement of the industrial health and safety performance
- Continuous determination of risks, risk assessment and risk control of hazards for staff and third parties
- Commitment of all staff and contract parties to comply with industrial health and safety regulations as well as active contribution
- A permanent target of age-based working

Eva Aigner

Nadja Jungwirth

Wolfgang Schriefl

MATERIAL BALANCE
INPUT

Quantities FY 2023/24

	Quantity	Unit
Semi-finished products:		
Steel blooms for rails and permanent way material	601,457	t
Auxiliary and operating media:		
Oils and lubricants	111,245	kg
Metal rollers	868	t
Refractory products	21	t
Acetylene (gas)	196	m^3
Packing material	20,254	kg
Wood	1,879	m^3
Petrol	8,354	l
Diesel	16,696	l
Energy sources:		
Natural gas	259,239	MWh
Electricity	42,400	MWh
Compressed air	25,505,682	m^3
Oxygen	7,200	l
Water:		
Hot water	6,914	MWh
Drinking water	18,823	m^3
Pure water	1,906,044	m^3

OUTPUT

Quantities FY 2022/23

	Quantity	Unit
Rails, billets and superstructure profiles	573,502	t
Scale	9,460	t
Scrap incl. plant scrap	28,498	t
Rollers	709	t
Non-hazardous waste	303,132	**kg**
Hazardous waste	344,369	**kg**
NOx	13,221	kg
CO_2*	46,105	t
CO	7,190	kg
Process waste water	1,906,044	m^3
Waste heat production (WBF)	53,330	MWh

* The CO_2 data is checked during the annual CO_2 verification audit by Lloyd's Register.

KEY FIGURES
FY 2023/24

The following key figures refer to the tonnes of rails produced, Steel pre-material and track profiles (total output 601,457 t)

	FY 2023/24	FY 2022/23	FY 2021/22	Unit
Steel blooms for rails and permanent way material	601,457	552,261	525,416	t

	Quantity 2023/24	Unit	Key Figure 2023/24	Key Figure 2022/23	Key Figure 2021/22
Energy (Natural gas, Electricity, Hot water)	308,553	MWh	0.538	0.559	0.572
Water	1,906,044	m^3	3.324	3.501	3.562
Hazardous waste	344,369	kg	0.600	0.820	0.914
Non-hazardous waste	303,132	kg	0.529	0.247	0.211
NO_x	13,221	kg	0.023	0.042	0.044
CO_2	46,105,242	kg	80.392	83.671	86.720
Material efficiency		%	95.35	94.80	95.21

WASTE MANAGEMENT

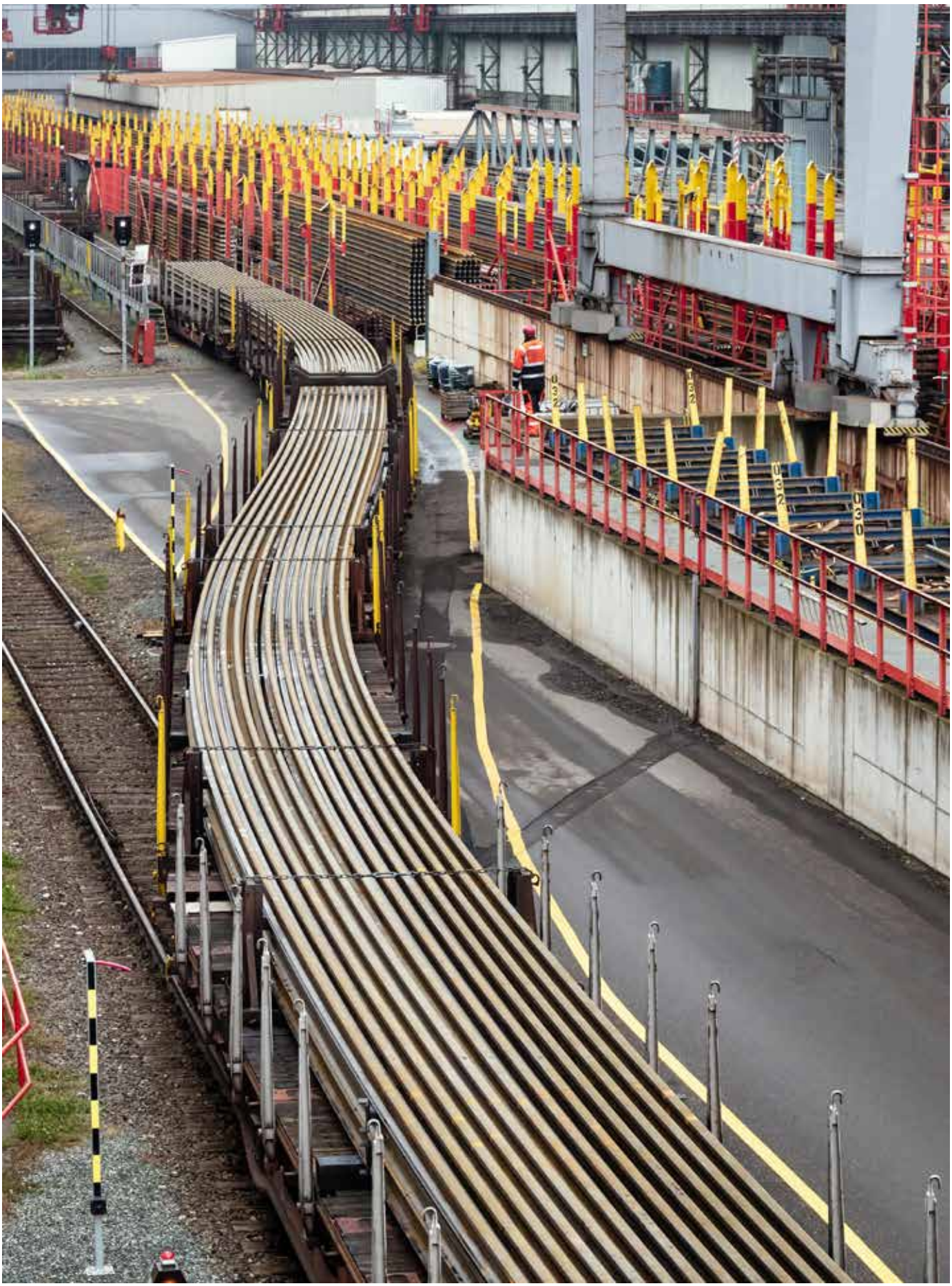
The total waste production is listed in kilograms in the table given. The hazardous substances used in production as well as the “hazardous waste” generated after utilisation are treated according to the waste and safety regulations and disposed of exclusively by authorised reclamation enterprises (Juri, Saubermacher, Transbeton).

The declaration of waste material for disposal is done via the statutory waybill system, which is also used for the preparation of the yearly company internal waste register.

voestalpine Stahl Donawitz GmbH stores the data from waste material certificates and waybills in an SAP database, which is used to create an electronic waste register for several purposes (authorities, annual environmental audits, reports to the Group and to the Federal Environmental Agency) for the respective requested period (calendar year or business year).

The waste register contains information divided according to key numbers about quantities, disposal channel, and producer (point of origin) for all material generated in the factory which is relevant from a waste management point of view.

Used oil is delivered to Saubermacher. At the rolling mill, the rollers are not lubricated, thus significantly improving waste water quality.



FINANCIAL STATEMENTS CORPORATE TARGETS FY 2023/24

Subject area	Target	Assessment
Occupational safety	» "Safety before performance", is the basis of what we do, this principle is lived by everyone, employees and managers, in everyday life! Specifically, we want to improve the LTIFR by 10% compared to the last FY	✓ **LTIFR 9.78**
Health	» We are jointly striving to raise the health rate from 93.8% (FY 22/23) to 94.3% again in the coming FY	✓ **health rate 95.22**
Personnel	» We want to be an attractive employer. Employees should enjoy working for us and be motivated. They are our future, which leads to a significant improvement of the engagement value in the first step > 23 % points (to the basis FY 22/23)	**Ongoing, new employee survey in fall 2024**
Customers/ market	» Expansion of market presence 340 Dobain HSH through further pilot installations	✓
Production	» The OEE value (Overall Equipment Effectiveness) measured by the UFR, describes the interaction of plant availability, production output and product quality (from the raw material store to loading). We want to increase these key figures by 0.5 %.	x **just not reached**
	» Cross-site cooperation, in particular between steel mill and rail rolling mill, and joint exploitation of sustainable, future-oriented potentials	✓
Quality	» The goals continue to be error prevention, less rework, and yield improvement - to reduce workload and conserve resources - while increasing mix complexity and performance	x **just not reached**
Environment, energy	» Conservation of resources (natural gas, electricity, water, compressed air, ...) is the focus; to this end, the energy efficiency program is being implemented, which also includes the use of new energy sources for our key aggregates (walking beam furnace)	✓

CORPORATE GOALS
FY 2024/25

Subject area	Target
Occupational safety	» "Safety before performance" is the basis of what we do, and this principle is practiced by all employees and managers in their day-to-day work! Specifically, we want to reduce the LTIFR from 9.78 to 8.0
Health	» Together, we are aiming to increase the health rate from 95.22% (FY 23/24) to 96.5% in the coming FY
Personnel	» We want to be an attractive employer. We want our employees to enjoy working for us and be motivated. They are our future, which leads to a significant improvement in the engagement value. The aim is to raise the engagement value to > 50%
Customers/ Market	» Expansion of market presence 340 Dobain HSH through further pilot installations
Production	» The sales volumes achieved in FY23/24 are to be maintained in FY24/25 » Live cross-site cooperation, in particular between steelworks and rail rolling mill, and jointly leverage sustainable, future-oriented potentials
Quality	» Redefinition of the OEE
Environment, Energy	» Conservation of resources by reducing media consumption (natural gas, electricity, water, compressed air, ...) by 0.5 % specifically. Search for a new energy source for our key aggregate (walking beam furnace)

LEGAL COMPLIANCE

A list of the applicable laws, regulations and EU-standards are constantly observed through the externally maintained database Lextool and the responsible persons are informed of changes. In the case of uncertainties, the legal department is consulted. To ensure legal compliance, the consolidated notification for the whole voestalpine Rail Technology GmbH was set up and in April 2009 it was approved by the local authority (Leoben).

In the case of new plants or changes to existing plants, the projects are re-approved by the Leoben district authority and these decisions are continued as individual decisions alongside the consolidated decision. The resulting requirements were randomly checked in 2014, 2017, 2020 and 2023 in the course of environmental inspections and found to be in order. voestalpine Rail Technology GmbH is an indirect discharger and passes on its wastewater to voestalpine Stahl Donawitz GmbH in the quality and quantity specified in a precise indirect discharger agreement with voestalpine Stahl Donawitz GmbH.

voestalpine Rail Technology GmbH implements energy efficiency measures on an ongoing basis. Internal energy audits are carried out annually. Ensuring compliance with the law is reviewed by the management at least once a year in the course of the management review and assessed as appropriate.

EMAS VALIDATION

This site operates an environmental management system and its environmental performance is reported to the public in accordance with the community eco management and audit scheme on the industrial environmental protection of this site (reg. no. at-000183).

The responsible environmental expert authorised to sign EMAS is Ing. Marina Paller, MBA

TÜV SÜD Landesgesellschaft Österreich GmbH, Franz-Grill-Straße 1, Arsenal, Objekt 207, 1030 Wien, Registration number AT-V-0003, confirm the inspection, that the site or the entire organization, respectively, as stated in the environmental declaration of the organization **voestalpine Schienen GmbH, Kerpelystraße 199, 8700 Leoben, with registration number AT-000183** fulfils all requirements of the 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).

With the signature of this declaration, we confirm that:

- Assessment and validation were performed in full compliance with the requirements of regulation (ec) no. 1221/2009, version RG VO 1505/2017 and EC Regulation 2018/2026 were carried out
- The results of assessment and validation confirm that there is no evidence for non-compliance with applicable environmental regulations

The environmental expert organization TÜV SÜD Landesgesellschaft Österreich GmbH has been authorised for the C24.10-0 (NACE-Code 2008) via notification by the federal Ministry of Agriculture, Forestry, Environment and Water management.

Leoben, 26th of June 2024

Ing. Marina Paller, MBA

Landesgesellschaft Österreich

The managing environmental experts authorised to sign by
TÜV SÜD Landesgesellschaft Österreich GmbH
Franz-Grill-Straße 1, Arsenal, Objekt 207, 1030 Wien

Our environmental officer, Hermann Rauscher, would be delighted to provide you with more detailed information regarding the latest environmental statement, the environmental objectives of the company and environmental measures taken so far.

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