

HEALTH, SAFETY and ENVIRONMENT REPORT 2024

voestalpine Tubulars GmbH & Co KG

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Alpinestraße 17
8652 Kindberg-Aumühl

The current Health, Safety and Environment Report of the company voestalpine Tubulars GmbH & Co KG, with location in Kindberg, specifies the company's safety, environmental measures and statistics for the year 2024.

Management Policy

Our organization has committed itself to manufacturing high quality products and delivering services which meet or exceed customer requirements and satisfy applicable, internationally recognized standards and specifications*. We achieve customer satisfaction through integrity and by honoring our commitments, and thus support our customers in achieving their goals and objectives.

We ensure the future success and sustainability of our business through the efficient use of resources; goal-oriented, continuous improvement; protection of the environment; and compliance with all applicable laws – **all, while ensuring the highest possible level of safety for our employees.**

We successfully achieve these goals through four key areas: quality, safety, environment, energy conservation (efficiency), asset management and information security.

Quality means to us:

- Flawless products and services
- Customer satisfaction through customer orientation and fulfilment of customer requirements
- Flexibility and reliable delivery

Safety and health protection means to us:

- Technical: safe work places, working equipment and installations, appropriate protective equipment
- Organization: creation of awareness, ongoing safety programs and trainings
- Behavior: safe, and role model behavior at all levels
- Health promotion

Environment protection means to us:

- Conservation of resources
- Minimization of emissions and avoidance of impact on the environment
- Continual improvement of the environmental performance

Energy management means to us:

- Increase in energy efficiency – reduction of energy costs
- Use of renewable energy
- Recycling management and sustainability

Asset management means to us:

- Cost minimization of assets for the whole life cycle
- High availability of the asset portfolio
- Highly trained employees for the installation and maintenance of assets

Information security means to us:

- High availability and reliability of the total IT infrastructure
- Risk minimization through the proper use of state-of-the-art IT
- Appropriate qualification of the IT experts for the use of hardware and software components
- Warranty of confidentiality and integrity of data and information

In terms of a double materiality analysis, the relevance of climate change is determined for all topics of the integrated Management system and the expectations and requirements of interested parties for the various aspects of the management systems with regard to climate change are determined.

We ensure the effectiveness of our Management System through excellent qualifications, a high level of personal responsibility, and the extraordinary commitment of all employees, as well as by making all necessary resources available.

The principles of the management systems apply to the entire Kindberg site of voestalpine Tubulars GmbH & Co KG as well as to all relevant processes along the supply chain of our products and for externally provided services.

* ISO 9001, API Specification Q1, ISO 14001, ISO 27001, ISO 45001, ISO 50001, ISO 55001

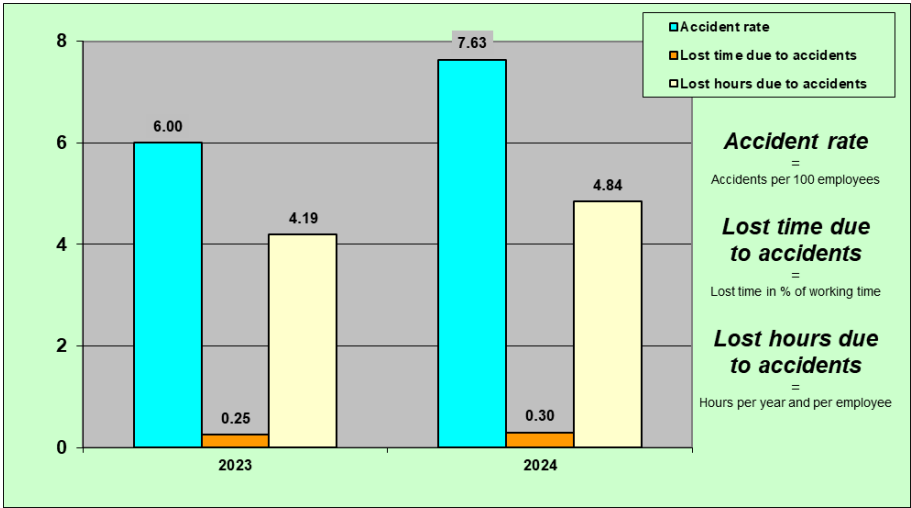
Accident Statistics 2024

Accident-Indices:

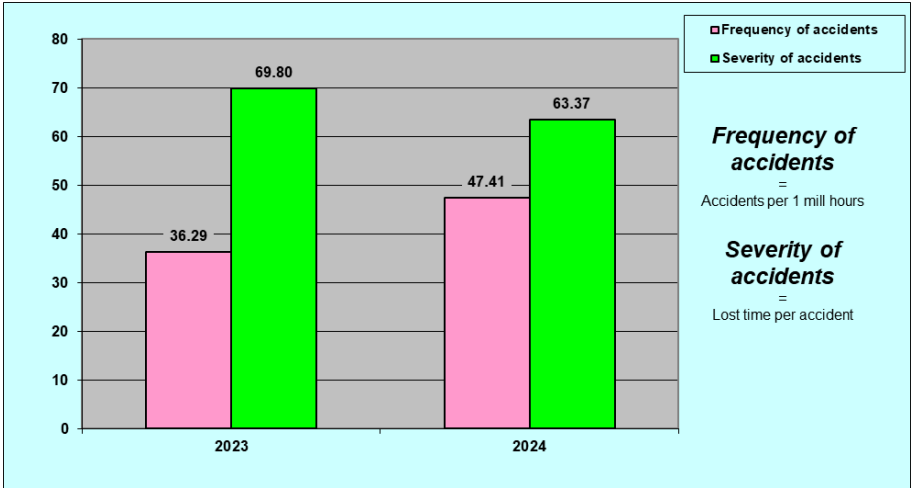
In the accident statistics, five key accident indicators are evaluated. The following key accident indicators relate to wage-earners only.

		2023	2024
Accident rate	Accidents per 100 employees	6.00	7.63
Frequency of accidents	Accidents per 1 million hours	36.29	47.41
Severity of accidents	Lost time per accident	69.80	63.37
Lost time due to accidents	Lost time in % of working time	0.25	0.30
Lost hours due to accidents	per year and per employee	4.19	4.84

Accident rate – Lost time due to accidents – Lost hours due to accidents:



Frequency of accidents – Severity of accidents:



*In the year 2024,
1,560,834 production hours
were performed in the
Kindberg plant.*

*The monthly average, of
voestalpine Tubulars employed:
970 blue collar workers.*

*The accident rate lies at
7.63 accidents per
100 employees in 2024.*

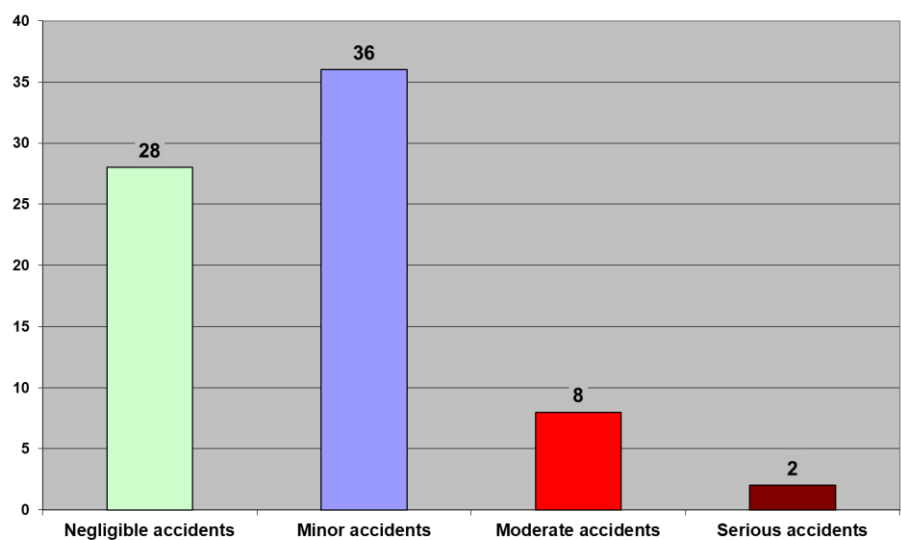
*The working hours lost due
to accidents at work
amounted to 0.30% of the
total hours worked
in 2024.*

*The working hours lost due
to accidents at work were
on average 4.84 hours per
year and employee in 2024.*

*The frequency of accidents
amounted to
47.41 accidents
per 1 million working
hours in 2024.*

*The average working
time lost per accident
(accident severity)
amounted to
63.37 hours in 2024.*

Industrial accidents 2024, according to the number of working days missed by injured employees:



*Negligible accidents:
up to 3 days*

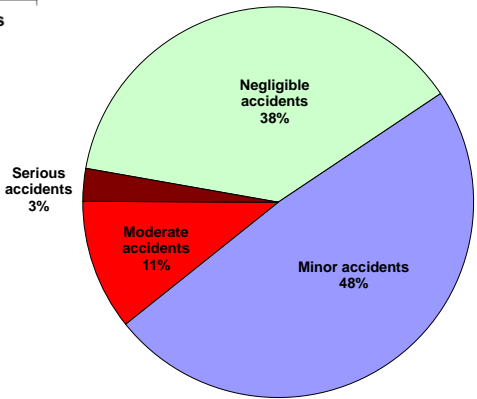
*Minor accidents:
4 to 19 days*

*Moderate accidents:
20 to 45 days*

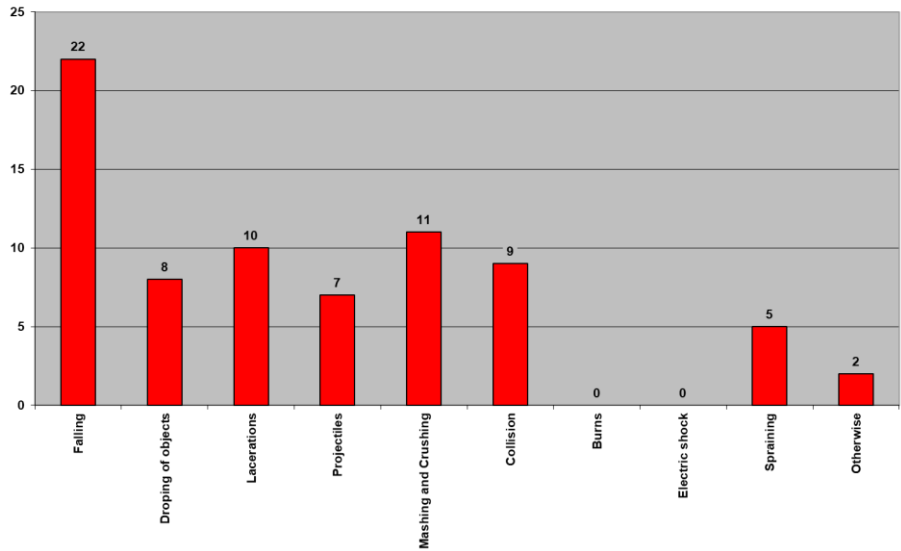
*Serious accidents:
more than 45 days*

In 2024, a total of 74 accidents at work were reported, of which 28 were negligible, 36 minor, 8 moderate and 2 were serious accidents.

Almost half of the accidents (48%) were 'minor accidents' with a related sick leave duration of between 4 to 19 days.

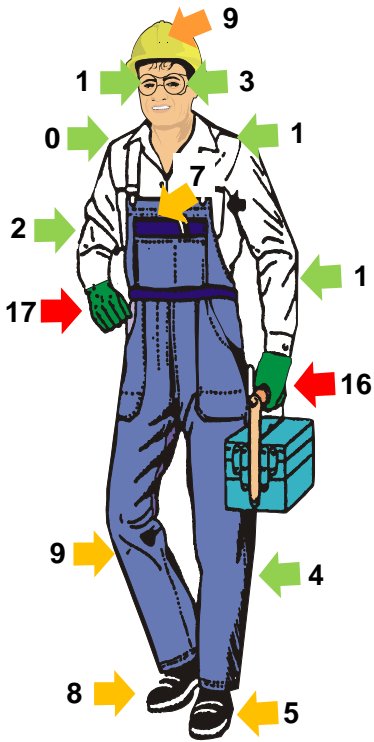


Causes of accidents and injuries classified under parts of the body 2024:



When analysing the causes of accidents, 22 accidents were caused by falling and 11 of the reported accidents relate to persons injured by mashing or crushing.

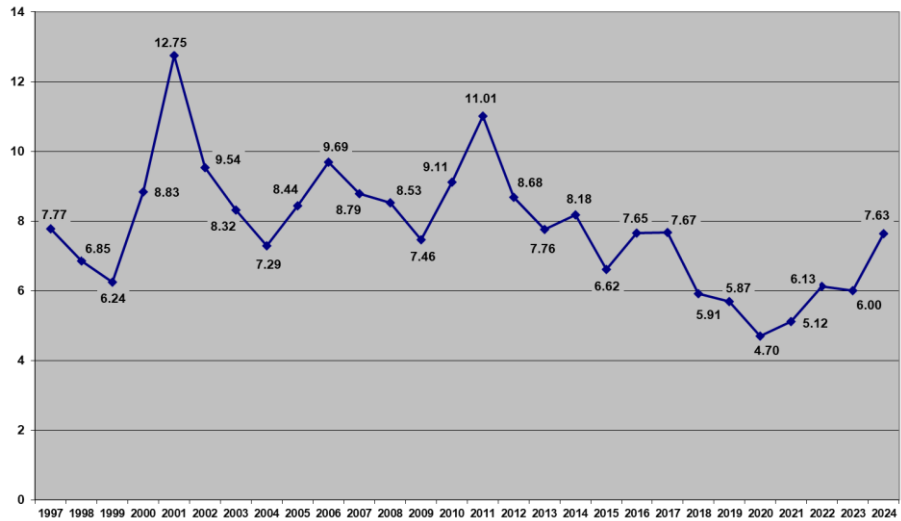
As regards injured parts of the body, the highest percentage concerned damage to hands (33 accidents), followed by 13 accidents resulting in injuries to the legs and also 13 accidents resulting in injuries to the feet.



Trends of Accident Indices:

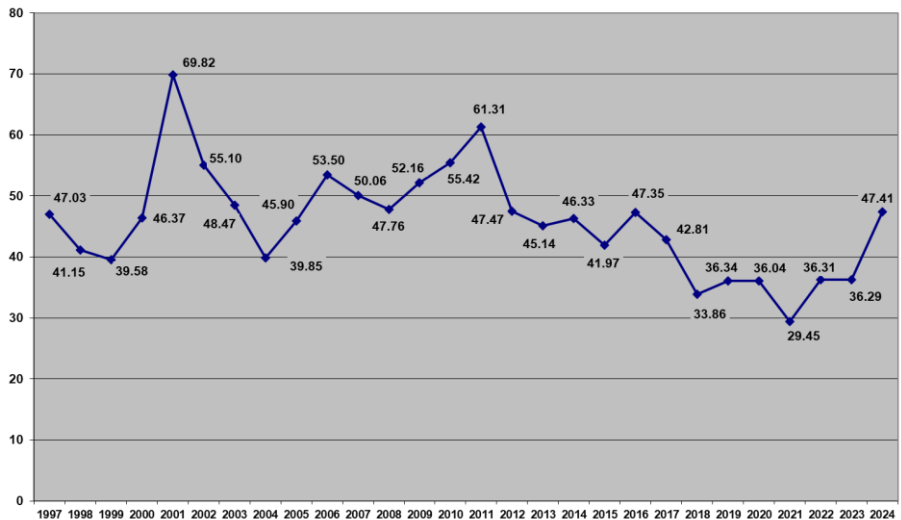
ACCIDENT RATE

Compared to 2023, the accident rate in 2024 increased by 27.17%.



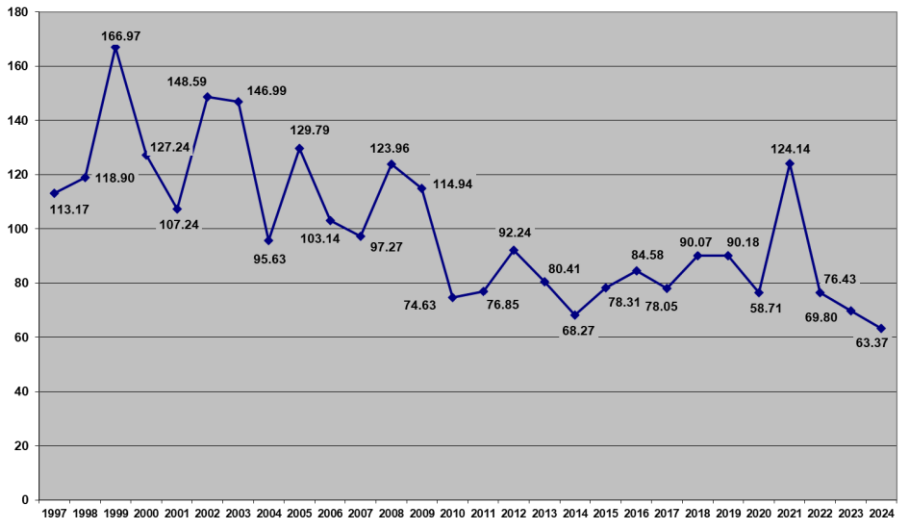
FREQUENCY OF ACCIDENTS

Compared to 2023, the frequency of accidents in 2024 increased by 30.64%.



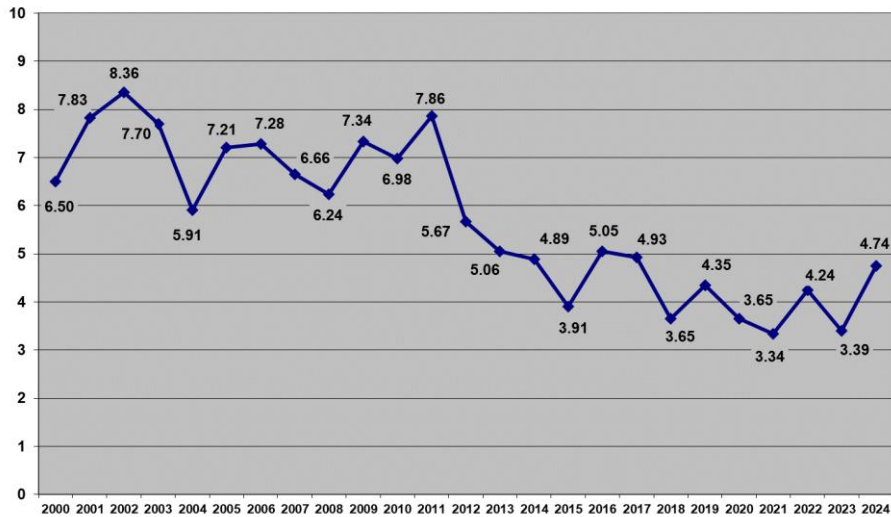
SEVERITY OF ACCIDENTS

Compared to 2023, the lost time due to accidents in 2024 decreased by 9.21%.



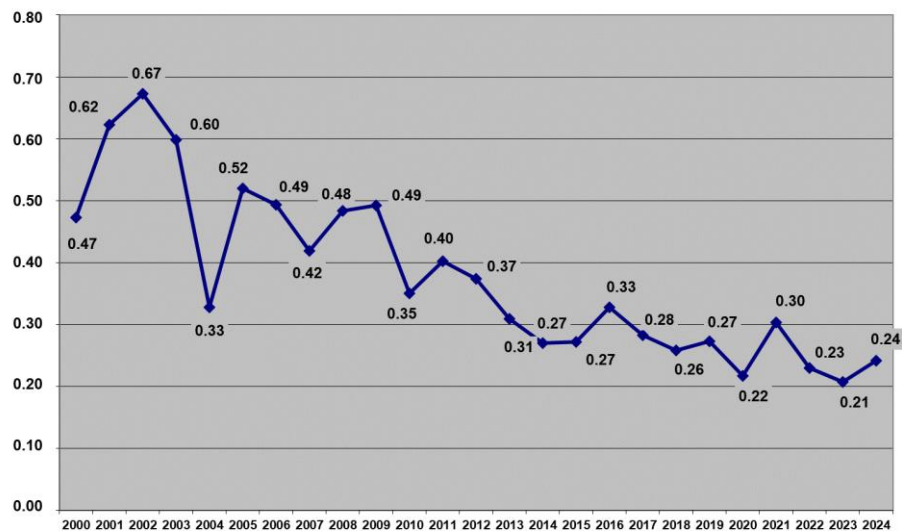
International Accident Indices:

TRIR and LTIF illustrated in international accident statistics.



TRIR
Total Recordable
Incident Rate
↓
Ratio of accidents with
mandatory reporting

TRIR (2024) = 4.74



LTIF
Lost Time Injury
Frequency
↓
Ratio of total hours lost
to accidents at work to
hours worked

LTIF (2024) = 0.24%



Environmental Balance Sheet 2024

The following table shows a summary of all environmental facts of voestalpine Tubulars from the Input-Output-Analysis (Material and Energy Balance Sheet) for the year 2024.

MATERIAL and ENERGY BALANCE 2024			
Input:		Output:	
Circulating materials (input in t) 309,152.333		Products and packaging (t) 276,228.870	
Raw materials (billets)	306,144.700	Products (steel pipes)	273,977.213
Product packaging	1,231.191	Product packaging	1,231.191
Couplings	1,020.466	Couplings	1,020.466
Auxiliary/Operating supplies	755.977		
		Waste, valuable substances, existing substances (t) 62,312.672	
		Existing substances	139.430
		Valuable substances	44,635.646
		Non-hazardous waste	580.723
		Non-hazardous waste (extra projects)	15,069.660
		Hazardous waste	1,887.213
Gas (input in m ³)		Waste water (output in m ³) 2,481,543	
Industrial gas / test gas	642,613.758	Sanitary water (indirect feed)	15,122
		Process waste water (indirect feed)	118
		Process waste water	2,466,303
Water (input in m ³) 2,503,851		Waste air (emissions in t) 57,225.653	
Drinking/washing water from well	17,089	Gaseous emissions	57,214.597
Industrial and cooling water	2,486,762	Thereof CO ₂ :	57,197.592
		Remainder (CO, NO _x , SO ₂ , C _{tot} , CH ₄):	17.005
		Dust	4.142
		Solvent emissions	6.914
Compressed air (input in m ³)		Energy consumption (MWh) 383,920.453	
	41,370,806	Energy conversion (electricity)	61,603.318
		Heating (gas)	321,016.451
		Operating energy (Gasoline)	0.945
		Operating energy (Diesel)	1,299.156
		Heating energy (Heating oil))	0.582
Energy procurement		Waste Heat for district heating (MWh) 4,489.101	
Electricity (MWh _{el})	61,603.318		
Natural gas (m ³)	27,860,993.535		
Gasoline (litres)	111.000		
Diesel (litres)	131,069.000		
Heating oil (litres)	55.000		

Waste:

We distinguish the following waste types as: existing materials, non-hazardous waste, hazardous waste and valuable substances.

Waste type	Waste fractions	Total 2024 in t
<i>Existing substances</i>	Metal packaging, organic waste, cardboard packaging, light fraction packaging	139.430
<i>Non-hazardous waste</i>	Waste wood, construction waste, mineral waste, thermal mix, commercial waste, plastic waste, chamotte, abrasives, mineral waste	580.723
<i>Non-hazardous waste (extra projects)</i>	Construction waste, concrete waste, excavation waste	15,069.660
<i>Hazardous waste</i>	Emulsions, oil-water mixtures, waste oils, oil sludge, operating supplies contaminated with oil, electronic waste, phosphating sludge, paint and varnish residues	1,887.213
<i>Valuable substances</i>	Scrap, shavings, scale	44,635.646
Total 2024:		62,312.672



All industrial waste is collected separately, stored in accordance with existing regulations and handed over to duly authorized waste disposal or recycling companies!








Wastewater:

After going through various stages of treatment, the process wastewater goes directly into the river Mürz. There are four different wastewater flows:

Wastewater flow	Volume 2024 in m³	Ø Volume in m³ per hour
<i>Seamless pipe plant</i>	901,739	102.94
<i>CT plant</i>	1,401,590	160.00
<i>Upsetting installation</i>	3,624	0.41
<i>Phosphatizing installation</i>	886	0.10
<i>Heat Treatment Line 2</i>	158,464	18.09
Total wastewater 2024:	2,466,303	



Wastewater treatment technologies used;

-  Seamless pipe plant: sedimentation and cooling
-  CT plant: gravel filter and cooling
-  Upsetting installation: pressure-release flotation
-  Phosphating installation: neutralization plant
-  Heat Treatment Line 2: Sand filter und cooling

Wastewater load 2024	kg pro Jahr
Filterable substances	7,074.63
COD	24,522.43
Hydrocarbons	763.92
Phosphorous	208.25
Iron	337.39
Ammonium	0.14
Aluminium	1.12
Nickel	0.10
Nitrite	0.43
Manganese	0.16
Chrome	0.16

Emissions:

The majority of the emissions are caused by the combustion of natural gas used in thermal processes, and a small percentage by use of diesel vehicles.



Material	Required quantity 2024	Gaseous emissionen in t
<i>Natural gas</i>	27,860,994 m ³	56,865.959
<i>Diesel fuel</i>	131,069 litres	348.638
Total 2024:		57,214.597

Of 57,214.597 tons of gaseous emissions, the major part (i.e. 99.97%) comprises 51,197.592 tons of CO₂-emissions.

The use of paint containing solvents and pure solvents resulted in solvent emissions to the amount of 6.914 tons in 2024.

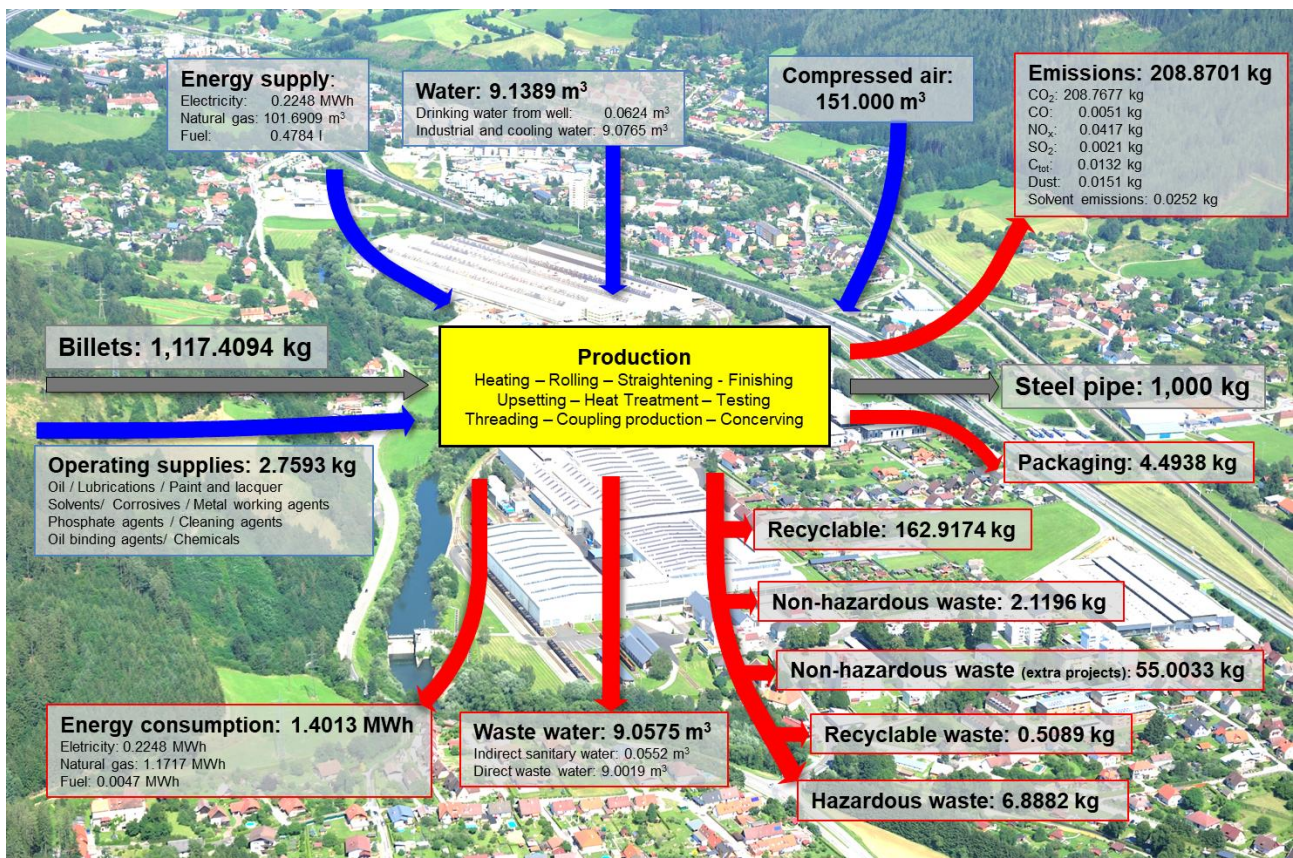
Energy:

Energy consumption consists of the use of natural gas, electric energy and fuel.

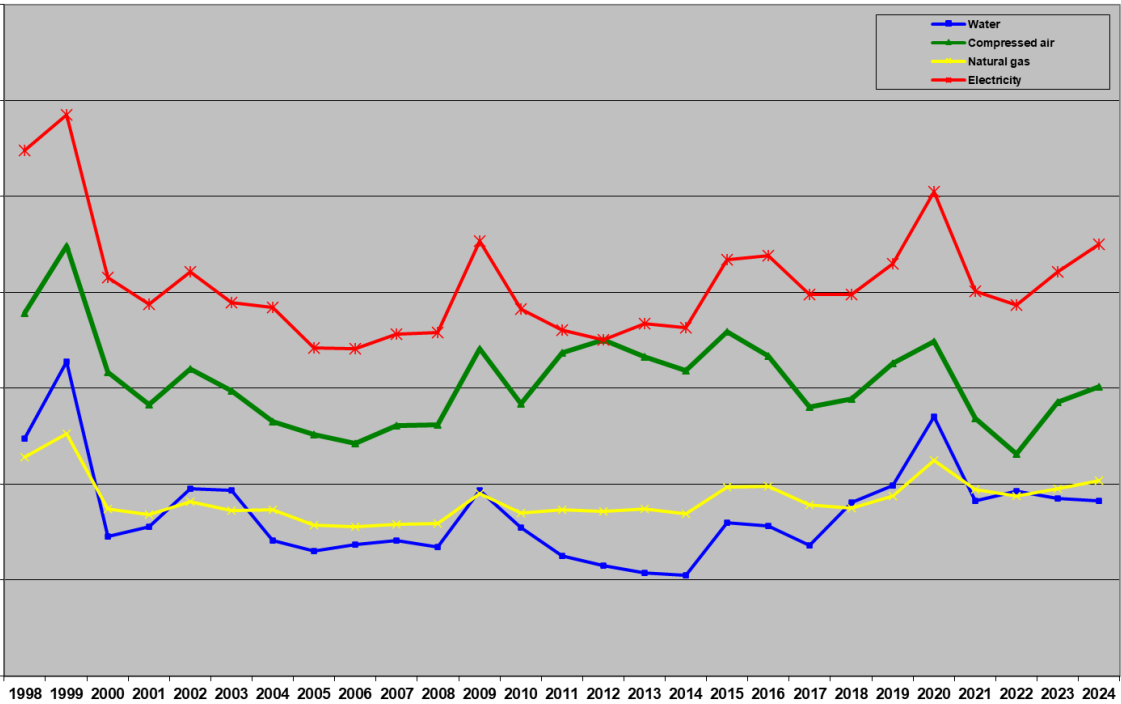


Energy supply	Required quantity 2024	Energy consumption in MWh
<i>Electricity</i>	61,603.318 MWh _{el}	61,603.318
<i>Natural gas</i>	27,860,993.535 m ³	321,016.451
<i>Gasoline</i>	111.000 litres	0.945
<i>Diesel</i>	131,069.000 litres	1,299.156
<i>Heating oil</i>	55.000 litres	0.582
Total 2024:		383,920.453

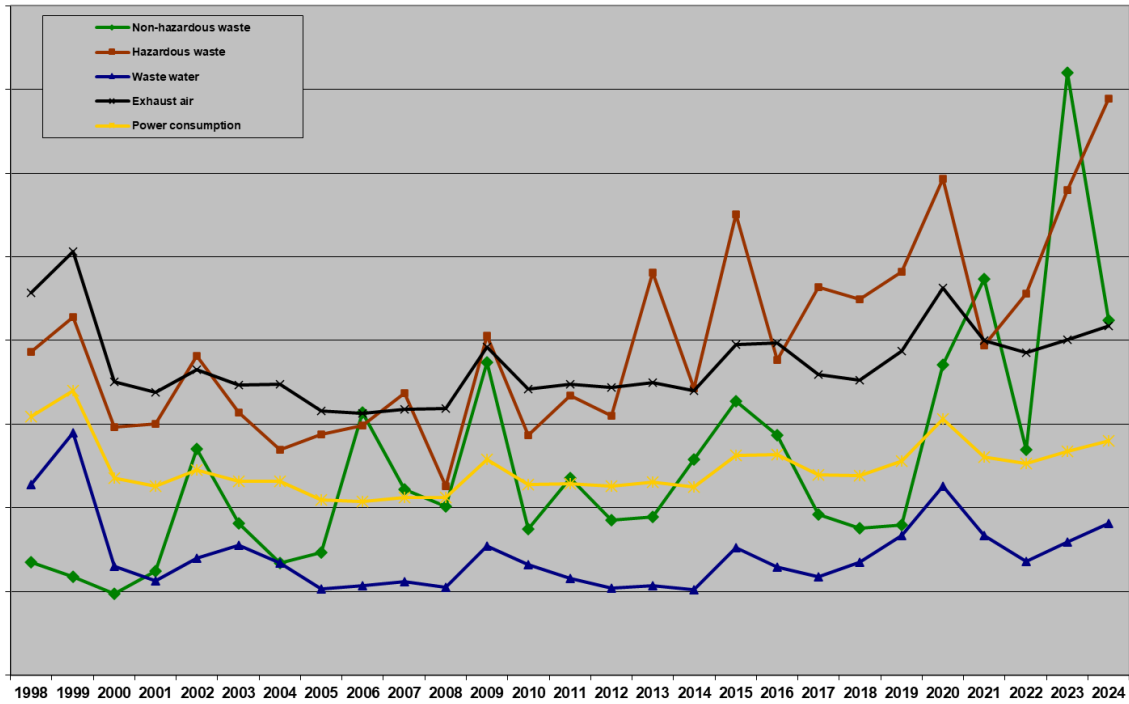
Material and Energy Balance of the production of 1 ton of steel pipe (2024):



Trends of Input Indices from 1998 to 2024:



Trends of Output Indices from 1998 to 2024:



The specific input and output values relate to the corresponding absolute values in proportion to the volume of production.

Imprint

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