

SASB STANDARDS

Disclosure number	Disclosure title	Disclosure year(s)		Reporting	Page number(s)
	Greenhouse gas emissions	2018	2019		
RT-CH-110a.1 / EM-MM-110a.1	Gross global Scope 1 emissions (Thousand Metric tons (t) CO ₂ -e)	575	603	Appendix: Direct (Scope 1) GHG emissions / Energy indirect (Scope 2) GHG emissions	Page 76
	Gross global Scope 2 emissions (Thousand Metric tons (t) CO ₂ -e)	386	299		
	Total GHG-emissions (Thousand Metric tons (t) CO ₂ -e)	960	902		
	GBU Lithium (Thousand Metric tons (t) CO ₂ -e)	n/a	230		
	GBU Bromine (Thousand Metric tons (t) CO ₂ -e)	n/a	312		
	GBU Catalysts (Thousand Metric tons (t) CO ₂ -e)	n/a	330		
	Other (FCS, offices) (Thousand Metric tons (t) CO ₂ -e)	n/a	30		
RT-CH-110a.1 / EM-MM-130a.1	Percentage covered under emissions-limiting regulations	n/a	11%*		
RT-CH-110a.2 / EM-MM-110a.2	Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets			Natural Resource Management - Energy and Greenhouse Gases	Page 44
*Locations in countries falling under European Trading System					
	Air Quality	2018	2019		
RT-CH-120a.1 / EM-MM-120a.1	NOx (excluding N ₂ O) (Metric tons (t))	639	710	Appendix - Nitrogen oxides (NOx), sulfur oxides (SOx), and other significant air emissions	Page 76
	SOx (Metric tons (t))	3,056	1,458		
	Volatile Organic compounds (VOCs) (Metric tons (t))	n/a	847		
	Hazardous Air Polutants (HAPs) (Metric tons (t))	64	178		
	Water Management	2018	2019		
RT-CH-140a.1 (1)	Total water withdrawn (millions of cubic meters)	n/a	26.1	Appendix: Water withdrawal and consumption	Page 75
EM-MM-140a.1 (1)	Total fresh water withdrawn (millions of cubic meters)	n/a	26.1		
	Percentage of fresh water in regions with High or Extremely High Baseline Water Stress	n/a	10%		
	Percentage of fresh water in regions with High Baseline Water Stress (category 3-4)*	n/a	4%		
	Percentage of fresh water in regions with Extremely High Baseline Water Stress (category 4-5)*	n/a	6%		
RT-CH-140.a.1 (2)	Total water consumed (millions of cubic meters)	12.1	13.6		
EM-MM-140.a.1 (2)	Total fresh water consumed (millions of cubic meters)	12.1	13.6		
	Percentage of fresh water in regions with High or Extremely High Baseline Water Stress	n/a	19%**		
	Percentage of fresh water in regions with High Baseline Water Stress (category 3-4)*	n/a	9%**		
	Percentage of fresh water in regions with Extremely High Baseline Water Stress (category 4-5)*	n/a	11%		
RT-CH-140a.2 / EM-MM-140a.2	Number of incidents of non-compliance associated with water quality permits, standards, and regulations	n/a	0		
RT-CH-140a.1 (3)	"Description of water management risks and discussion of strategies and practices to mitigate those risks"			Natural Resource Management: Water management	Page 46
* www.wri.org/applications/aqueduct/water-risk-atlas ** rounding difference					
	Hazardous Waste Management	2018	2019		
RT-CH-150a.1	Amount of hazardous waste generated	20	13	Appendix: Waste by type and disposal method	Page 77
	Percentage recycled	n/a	19%		

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	Energy Management	2019				
RT-CH-130a.1 (1) / EM-MM-130a.1 (1)	Total energy consumed (million GJ)	14.1			Natural Resource Management: Energy and Greenhouse Gases / Appendix: Energy consumption within the organization	Page 44 / Page 74
RT-CH-130a.1 (2) / EM-MM-130a.1 (2)	Percentage grid electricity	22%				
RT-CH-130a.1 (3) / EM-MM-130a. (3)	Percentage renewable from primary energy sources	2%				
RT-CH-130a.1 (4)	Self generated energy (million GJ)	0.2				
	Security, Human Rights & Rights of indigenous Peoples	2019				
EM-MM-210a.3	Discussion of engagement process and due diligence practices with respect to human rights, indigenous rights, and operation in areas of conflict				Community Engagement - Community & Stakeholder Engagement	Page 56
	Labor relations	2019				
EM-MM-310.a.1	Percentage of active workforce covered under collective bargaining agreements, broken down by U.S. and foreign employees	US: 6% - Chile: 86% - China: 84% - Germany: 73% - Netherlands: 93%			Appendix: Collective bargaining agreements	Page 72
	Product Design for use-phase Efficiency	2019				
RT-CH-410.a.1.	Revenue from products designed for use-phase resource efficiency	\$1.7 - 2.0 billion			Sustainable Business Model: Innovation	Page 64
		50-60 % of total revenue				
	Business Ethics & Transparency	2019				
EM-MM-510a.1.	Description of the management system for prevention of corruption and bribery throughout the value chain				Sustainable Business Model: Business Ethics	Page 62
	Workforce Health & Safety					
	Direct employees	2017	2018	2019		
RT-CH-320a.1.(1)(a)	Total Recordable Injury Rate (TRIR)	0.64	0.55	0.36	Our people and Workplace: Safety / Appendix: Work-related injuries	Page 38/ Page 80
RT-CH-320a.1.(2)(a)	Fatality rate	0	0	0		
	Contract employees	2017	2018	2019		
RT-CH-320a.1. (1)(b)	Total Recordable Injury Rate (TRIR)	0.53	0.75	0.22	Appendix: Work-related injuries	Page 80
RT-CH-320a.1. (2)(b)	Fatality rate	0	0	0		
	Total	2017	2018	2019		
	Total Recordable Injury Rate (TRIR)	0.61	0.59	0.33	Appendix: Work-related injuries	Page 80