

## GHG emissions data: 2018

Name of Data Provider:  
Data Provider ID:  
Date of Submission:  
Year of data:  
Comments:

African Rainbow Minerals Limited  
Registration number: 1933/004580/06. ISIN: ZAE 000054045  
29 March 2019  
1 January 2018 to 31 December 2018  
See above

IPCC Code	Sub category	Activity data		Emissions (tonnes/year)											
		Name of activity data	Value of activity data	Units of activity data	CO <sub>2</sub>			CH <sub>4</sub>			N <sub>2</sub> O				
					Value	Tier	Ref	Value	Tier	Ref	Value	Tier	Ref		
1A2i	ARM Ferrous Division - Stationary Combustion	Petrol		TJ	0	1	Chapter 12	0.00	1	Chapter 12	0.000	1	Chapter 12		
		Diesel		TJ	577	1	Chapter 12	0.02	1	Chapter 12	0.005	1	Chapter 12		
		Paraffin		TJ	0	1	Chapter 12	0.00	1	Chapter 12	0.000	1	Chapter 12		
		Natural Gas		TJ	0	1	Chapter 12	0.00	1	Chapter 12	0.000	1	Chapter 12		
		LPG		TJ	2	1	Chapter 12	0.00	1	Chapter 12	0.000	1	Chapter 12		
		Acetylene		TJ	8	1	Lide, 2006								
		Petrol		TJ	0	1	Chapter 12	0.00	1	Chapter 12	0.000	1	Chapter 12		
		Diesel		TJ	0	1	Chapter 12	0.00	1	Chapter 12	0.000	1	Chapter 12		
		Paraffin		TJ	0	1	Chapter 12	0.00	1	Chapter 12	0.000	1	Chapter 12		
		Natural Gas		TJ	0	1	Chapter 12	0.00	1	Chapter 12	0.000	1	Chapter 12		
1A2m	ARM Ferrous Division - Stationary Combustion	LPG		TJ	2	1	Chapter 12	.00	1	Chapter 12	0.000	1	Chapter 12		
		Acetylene		TJ	6	1	Lide, 2006								
		Petrol		TJ	0	1	Chapter 12	0.00	1	Chapter 12	0.000	1	Chapter 12		
		Diesel		TJ	0	1	Chapter 12	0.00	1	Chapter 12	0.000	1	Chapter 12		
		Paraffin		TJ	0	1	Chapter 12	0.00	1	Chapter 12	0.000	1	Chapter 12		
		Natural Gas		TJ	0	1	Chapter 12	0.00	1	Chapter 12	0.000	1	Chapter 12		
		LPG		TJ	842	1	Chapter 12	0.00	1	Chapter 12	0.000	1	Chapter 12		
		Acetylene		TJ	4	1	Lide, 2006								
2C2	ARM Ferrous Division - Process emissions	Ferroalloy production			180545	2	Mass Balance Approach								
				tonnes											

| Total | | | | 181986 | | | | 0.04 | | | | 0.01 |

\*Note that production values for July 2018 to December 2018 form part of ARM's 2019 financial year and have thus not yet been made public.