ANNEXURE 3
REPORTING

Name of Data Provider	Herman van der Walt/Shamini Harrington
Data Provider ID	170500107
Date of Submission:	26-Apr-19
Year of data:	2018

Comments: Activity data has been supplied however it must be noted that a carbon mass balance has been used to determine GHG data. In most cases the activity data can not be directly translated to GHG data. Flaring actvity data can not be supplied due to various streams entering the flare at any given time.

IPCC Code (see Annexure 1)	Sub category[4] (disaggregated by fuel / product type / production process)	Activity data[5]			Emissions (tonnes/year)								
					CO_2[6]			CH_4			N_2O		
		Name of activity data	Value of activity data	Units of activity data	Value	Tier	Ref	Value	Tier	Ref	Value	Tier	Ref
1A1	1A1c	Boiler coal combustion	[redacted]		23,751,520	3	Tech Guidelines;page 52-54	284	1	Tech Guidelines;page 52-54	426	1	Tech Guidelines;page 52-54
1A1	1A1c	Gas to power plants	[redacted]		1,263,009	3	Tech Guidelines;page 52-54	22.5	1	Tech Guidelines;page 52-54	2.25	1	Tech Guidelines;page 52-54
1A1	1A1c	Fuel gas combustion	[redacted]		975,784	3	Tech Guidelines;page 52-54	17.4	1	Tech Guidelines;page 52-54	1.74	1	Tech Guidelines;page 52-54
1A1	1A1c	Fuel oil combustion	[redacted]		284,486	3	Tech Guidelines;page 52-54	11.0	1	Tech Guidelines;page 52-54	2.21	1	Tech Guidelines;page 52-54
1A1	1A1c	Sasol Catalytic Cracker	[redacted]		184,308	3	Tech Guidelines;page 52-54	7.1	1	Tech Guidelines;page 52-54	1.43	1	Tech Guidelines;page 52 -54
1A1	1A1c	Wet sulphuric acid combustion emissions	[redacted]		72,033	3	Tech Guidelines;page 52-54	2.8	1	Tech Guidelines;page 52-54	0.56	1	Tech Guidelines;page 52 -54
1A	1A1c	Natural gas combustion	[redacted]		39,042	3	Tech Guidelines;page 52-54	0.7	1	Tech Guidelines;page 52-54	0.07	1	Tech Guidelines;page 52-54
1B	1B3	Other Energy Industries: process emissions	[redacted]		21,664,445	3	Tech Guidelines;page 52-54	90,242	3	Tech Guidelines;page 52-54			
1B	1B3	Flaring emissions	No activity data due to complexity of the process	N/A	2,530,866	3	Tech Guidelines;page 52-54						
1B	1B3	Wet sulphuric acid process emissions	[redacted]		327,107	3	Tech Guidelines;page 52-54						
1B	1B3	Butanol stripper	[redacted]		19,565	3	Tech Guidelines;page 52-54						
4D	4D2	Process water dams	[redacted]		7,065	3	Tech Guidelines;page 52-54	3,853	3	Tech Guidelines;page 52-54			
4D	4D2	Water recovery (including domestic sewage)	[redacted]		171,563	3	Tech Guidelines;page 52-54						
2B	2B2	Nitric acid production	[redacted]								1,845	3	Tech Guidelines;page 52-54
2B	2B1	Ammonia production	[redacted]		299,402	3	Tech Guidelines;page 52-54	5,743	3	Tech Guidelines;page 52-54			
1B	1B1	Sasol Mining	[redacted]					3,992	2	Tech Guidelines;page 52-54			
1B2	1B2b	Natural gas venting from the pipeline	[redacted]					11	2	Tech Guidelines;page 52-54			
4C	4C2	Open burning of waste	Not applicable										
1A5	1A5b	Mobile combustion: Mining machinery	[redacted]		16,202	1	Carbon budget reporting requirement						