



PPC Cement SA (Pty) Ltd

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Ms Deborah Ramalope
Chief Director Climate Change
Department of Environmental Affairs
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SUBMISSION OF POLLUTION PREVENTION PLANS

PPC hereby submit its Pollution Prevention Plan report 2018 in terms of National Pollution Prevention Regulations of 2017. The report was prepared in terms of the guidelines for the pollution prevention plans in respect of the Green House Gases 2017.

The following approach was used to calculate to emissions:-

- Emissions reported are based on 2018 annual year compared to the plan which was based on financial year run plan
- Transported emission were excluded from the report as per the guidelines
- Emission are recorded in Metric tonnes

Should you have any enquiries please contact Tshilidzi Dlamini at tshilidzi.dlamini@ppc.co.za or 0826047310

Hardie De Beer

Group Executive: Technical

Appendix 1: PPC Declaration

Name of Company: **PPC Cement SA**

Declaration of accuracy of information provided:

I, **Hardie De Beer**, declare that the information provided in this report is in all respects factually true and correct to the best of my knowledge and as at the date of signature. The basis of PPC submission is outlined in the attached APPENDIX.

Signed at SANDTON on this 02 day of APRIL 2019



Signature

Group Executive: Technical

Capacity of Signatory

PPC Cement SA - Pollution Prevention Plan Report 2018						
Mitigation measure	Description of mitigation measure	Anticipated implementation period (years) 6	Assumptions used to estimate anticipated GHG emission reduction	GHG to be abated	Emission (tonnes CO2)	
					Projected Savings	
					Total Reduced 2018 (Tonnes)	
Product strategy, Energy	Mega Plant strategy Product extension strategy – use of fly ash, limestone, slags and other MAC's Implementation of Energy Management system (EnMS) to drive operational efficiencies Energy project roadmap	Annually	Emissions were based on projected production capacities. Stable economic conditions	CO ₂	242,129.00	549,426.32
Product strategy, Energy	Mega Plant strategy Product extension strategy – use of fly ash, limestone, slags and other MAC's Implementation of Energy Management system (EnMS) to drive operational efficiencies	Annually	CO ₂ emissions are from coal and start up fuels and factor used to calculate CH ₄ Although this is reported cement kilns combust CH ₄ completely in the process	CH ₄	286.00	13,841.92
Product strategy, Energy	Mega Plant strategy Product extension strategy – use of fly ash, limestone, slags and other MAC's Implementation of Energy Management system (EnMS) to drive operational efficiencies	Annually	CO ₂ emissions are from coal and start up fuels and factor used to calculate N ₂ O	N ₂ O	511.00	20,688.88