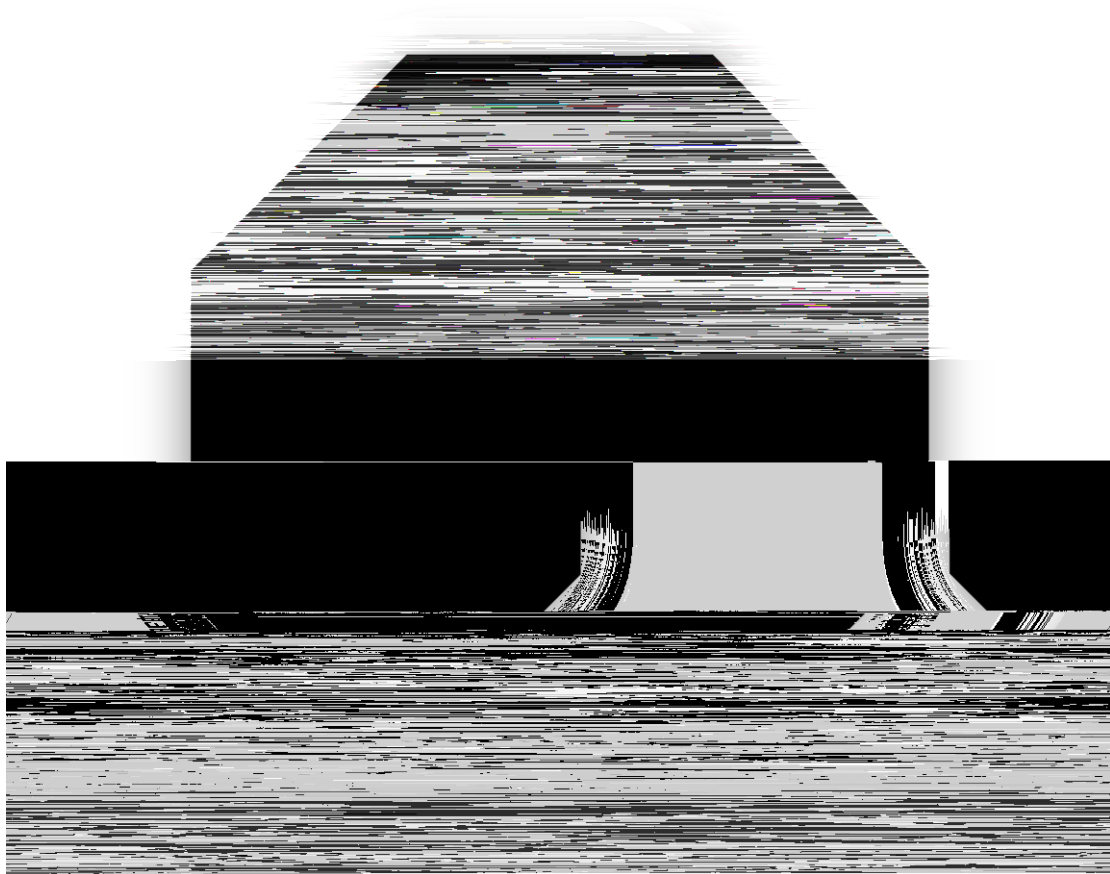


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Verification summary

Client





	<input checked="" type="checkbox"/> Category 4: indirect GHG emissions from products used by organization <input checked="" type="checkbox"/> Category 5: indirect GHG emissions associated with the use of products from the organization <input checked="" type="checkbox"/> Category 6: indirect GHG emissions from other sources
GHG groups..... :	Including CO ₂ , CH ₄ , N ₂ O, HFCs, PFCs, SF ₆ , NF ₃ seven types of greenhouse gases
GHG sources and sinks. :	The facilities of the organization contributing to GHG emissions within the reporting boundaries
Base year..... :	2024-01-01-2024-12-31
Verification conclusion ...:	In accordance with ISO 14064-3:2019, the claim submitted by the responsible party was verified. It was verified that the organization's calculations of carbon emissions within the boundaries meet the requirements of ISO14064-1:2018 and that the claimed data and information are based on historical fact and there is no major discrepancy.
Verification of	
member.....	of an opinion
Leader of verification	
Team	Johny Wang
Other personnel (observers, interns/trainees, external assessors, etc.)..... :	Observers: / Interns / trainees: / External auditors: /

1. Summary

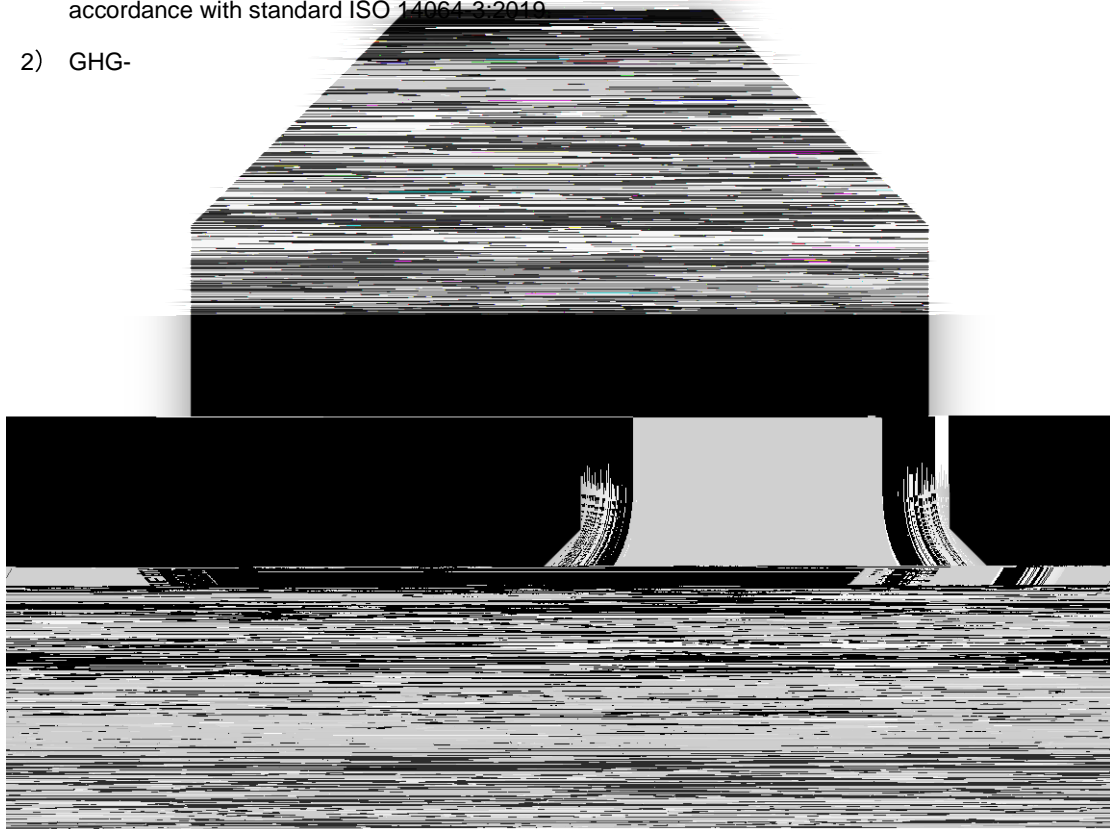
Background

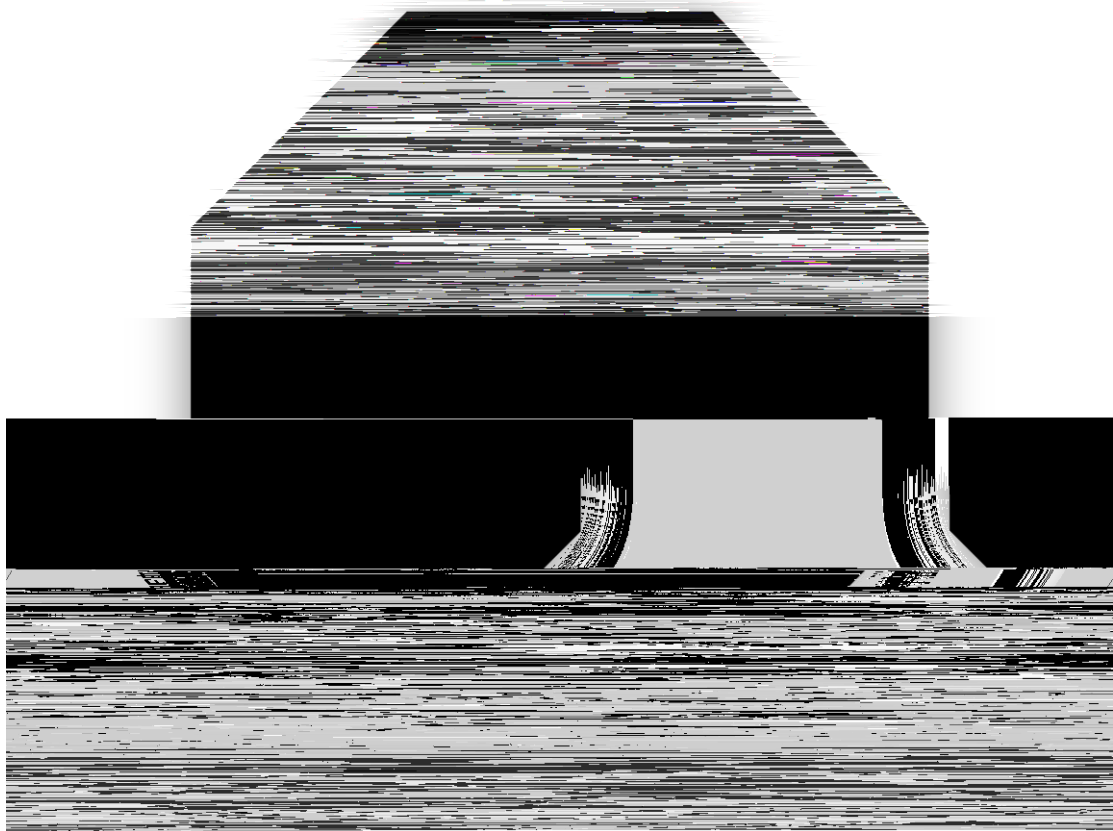
TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch (hereinafter referred to as TÜV SÜD) was commissioned by Zhongtian Radio Frequency Cable Co., Ltd. to verify GHG emission. Between 2025-02-17~2025-05-12, TÜV SÜD auditor Johny Wang and Tony Sun conducted the carbon verification activities of the responsible party to evaluate the conformity of GHG related verification specification for the organization, including the principles and requirements of the standards or GHG scheme that applied to the verification Category.

Verification conclusion

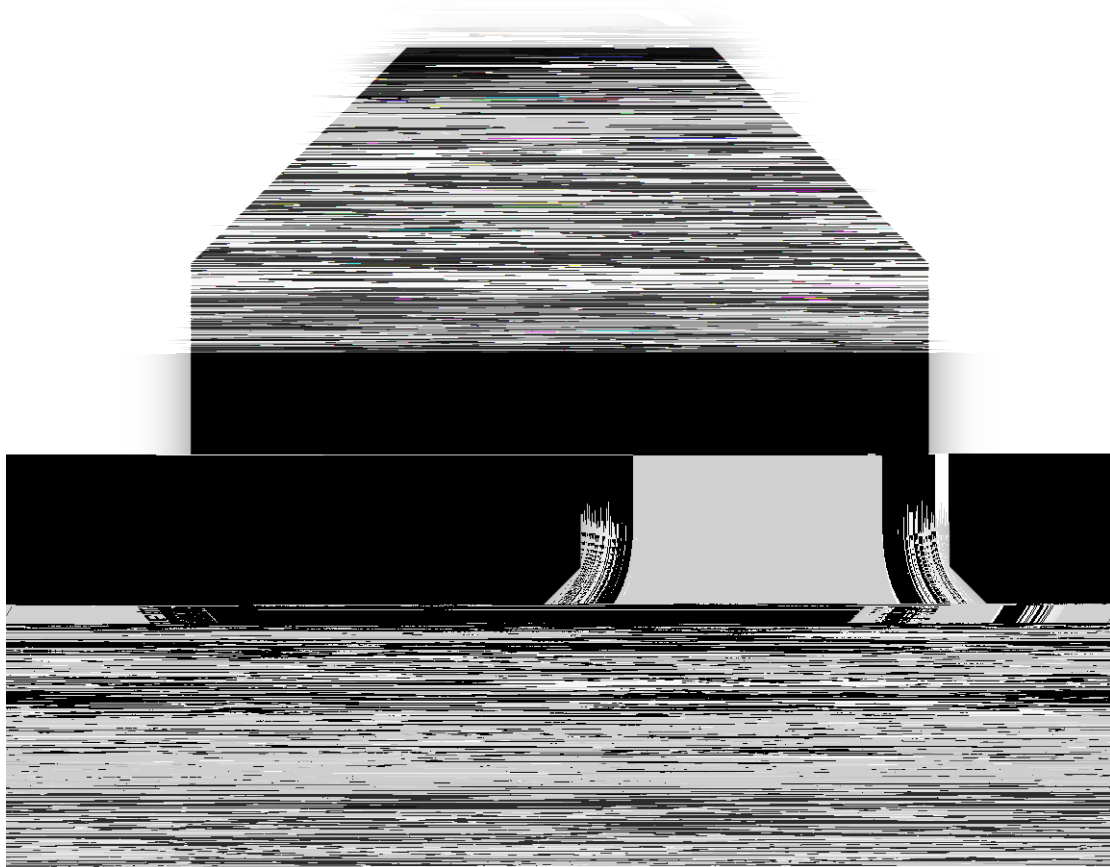
After verification, TÜV SÜD Certification and Testing (China) Co., Ltd. reached conclusions as below:

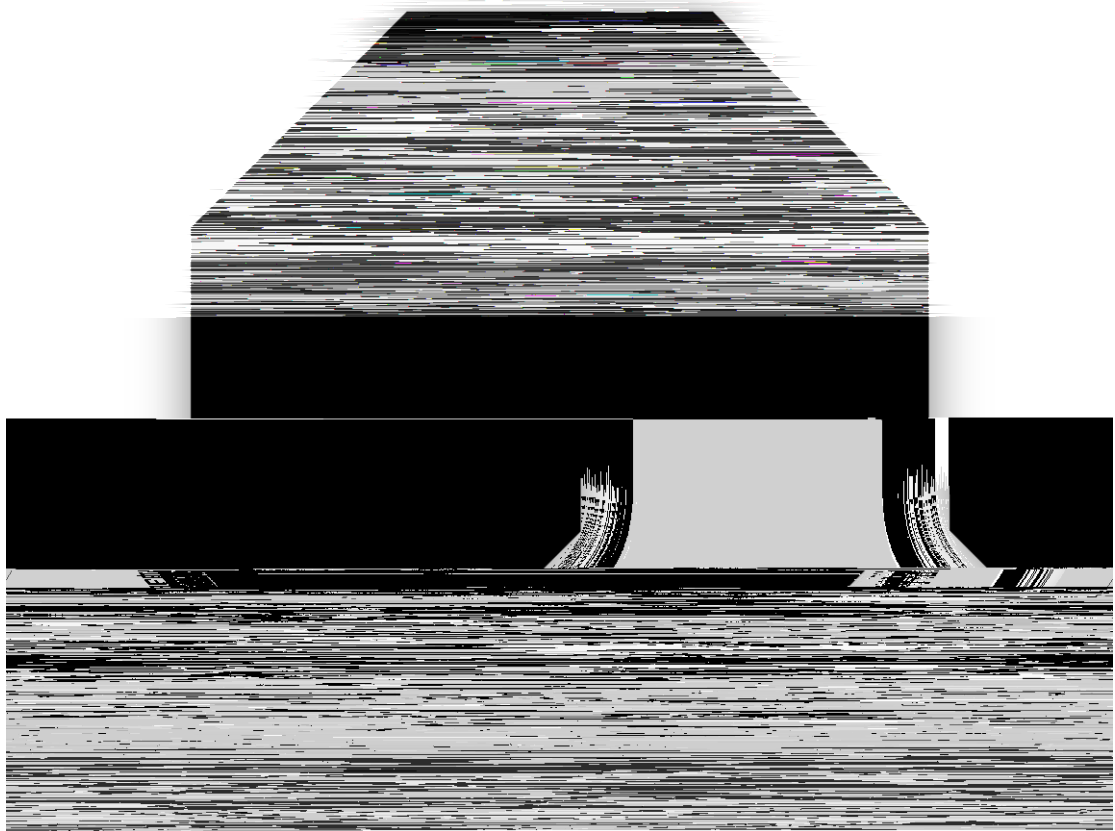
- 1) The Organization's GHG emissions verification verifies claims made by responsible party in accordance with standard ISO 14064-3:2010
- 2) GHG-



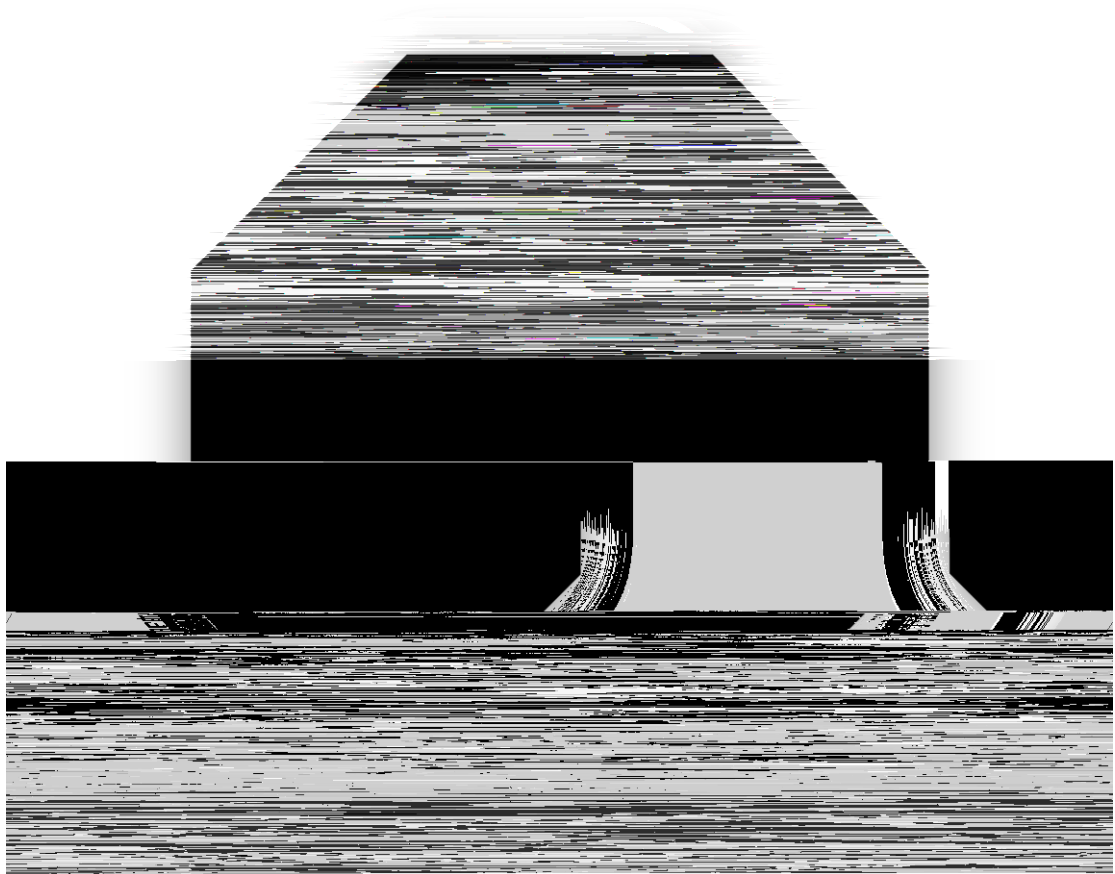


- Quantified emission source attributes
- Non-biogenic GHG emissions and removals
 - Anthropogenic biogenic CO₂ emissions and removals
 - Anthropogenic biogenic emissions and removals of other GHGs
 - Non-anthropogenic biogenic GHG emissions and removals






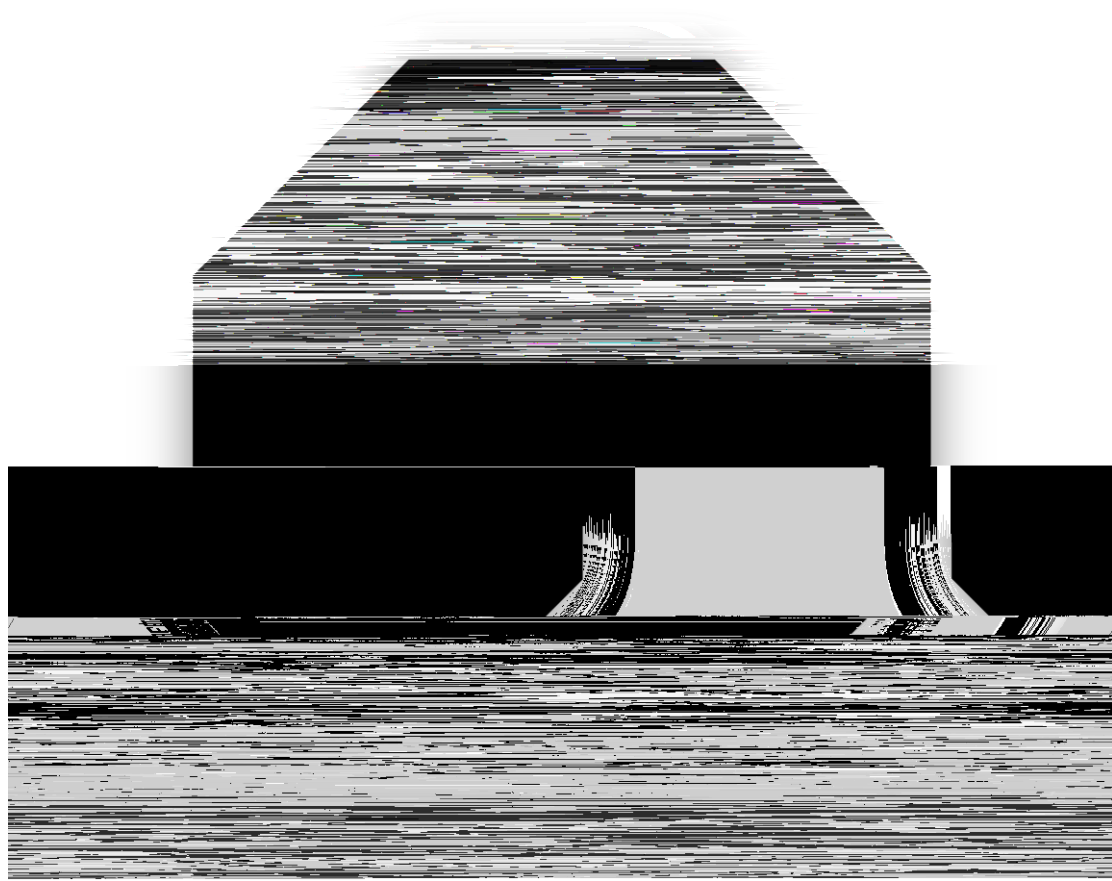
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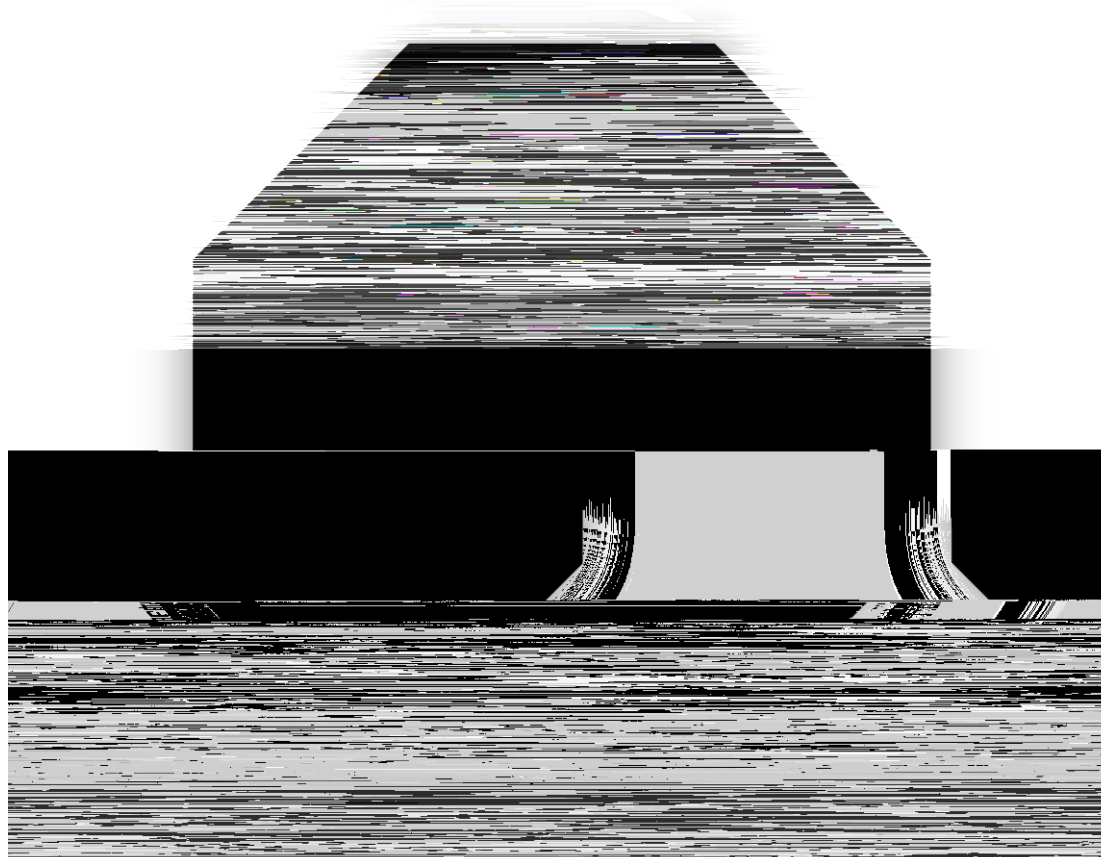
3.2. Assessment of GHG data and information

Activity data and emission factor compliance										
The verification team verified each activity data in the enterprise greenhouse gas emission report submitted by the enterprise. The verification included the values, units and sources of activity data, the values and sources of emission factors, and the GHG calculation process.										
The verification information are as follows:										
Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)	
Category 1: direct GHG emissions and removals	Ö!^•^	Ö!^•^ !-! ! c	<input type="checkbox"/> Ö!^•^ !-! ! c <input checked="" type="checkbox"/> Ä Ö { ä••}! æ&c[! <input type="checkbox"/> ^c@[ä! <input type="checkbox"/> Ä Tæ•					2006 IPCC Guidelines for National Greenhouse Gas Inventories	Væä ^ÄHÉHÉFÉÄÖ@æ]c^!ÄQÜÉÄ	IËÉ &ÖPÖÄ
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Emission categories	Emission source	Facilities or process
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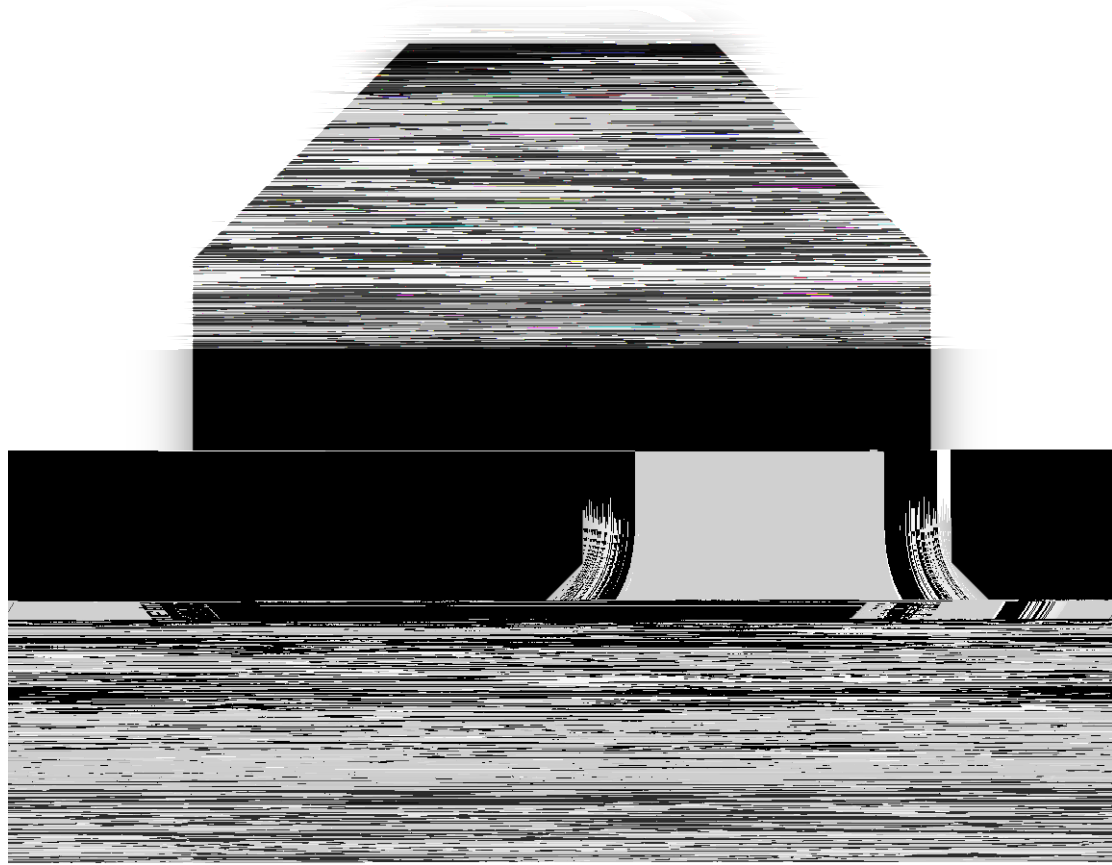
Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	
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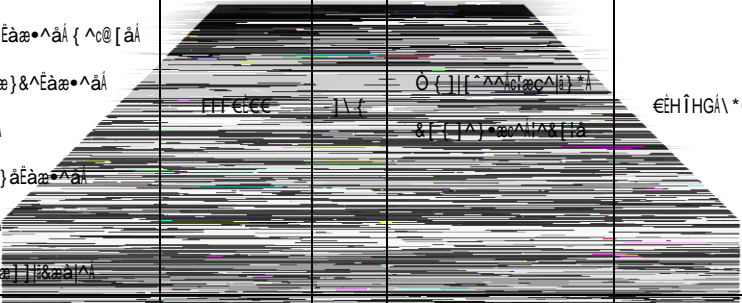
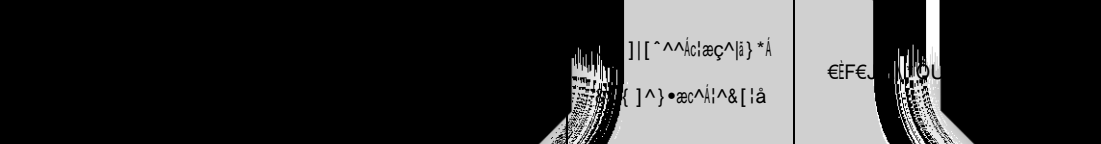
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Category 3: indirect GHG emissions from transportation	Ô { } [! ^ Á Á & [{ { ~câ} * Á ç^@â& ^	U~ [c [ç [!cæâ&Á ç^@â& ^	☒ Á Š [&æc! [] Éâæ•^ÁÁ { ^c@ [áÁ ☐ Á T æ! { ^c@ [áÁ				€€€€€€\ *ÔUçÁ\ Y@	Q& [] ç^}c!HÉF!áæcâæ•^	F!GÉ!É!GJÁ

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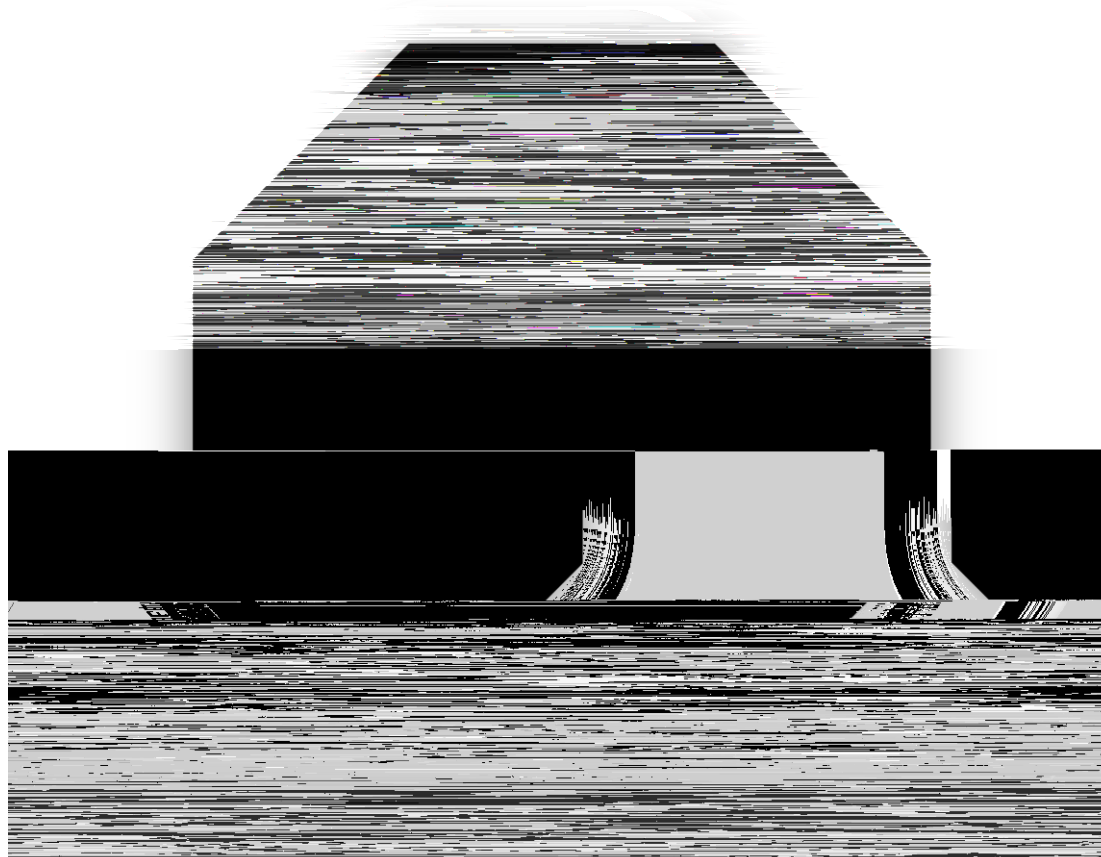
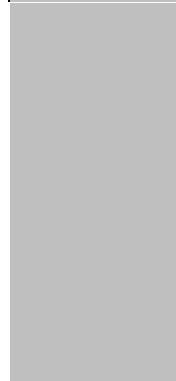


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Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
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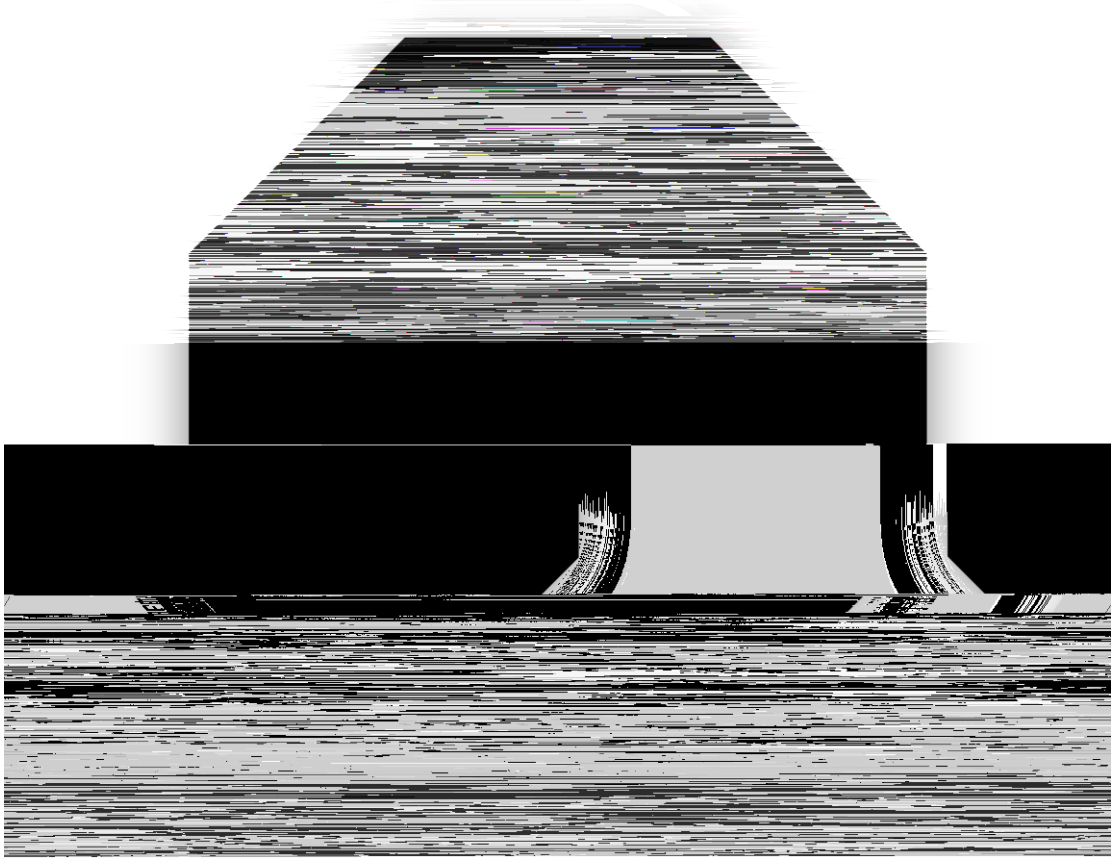
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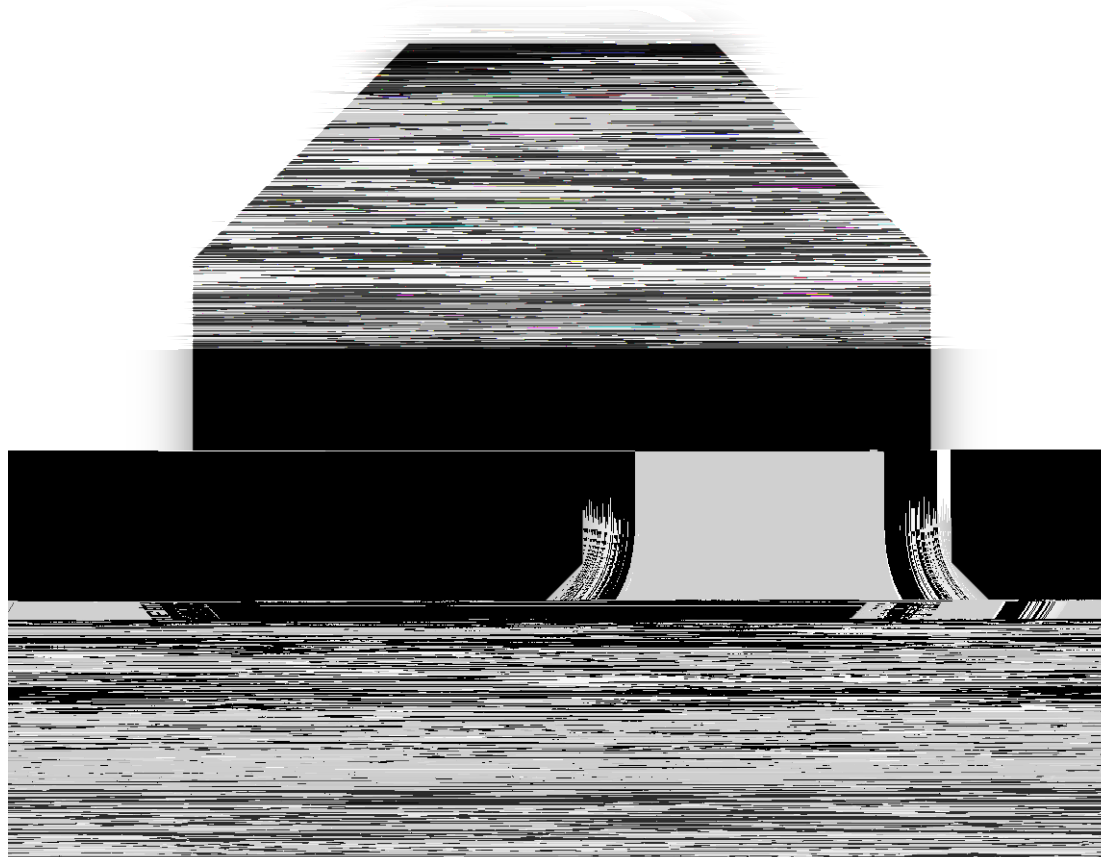




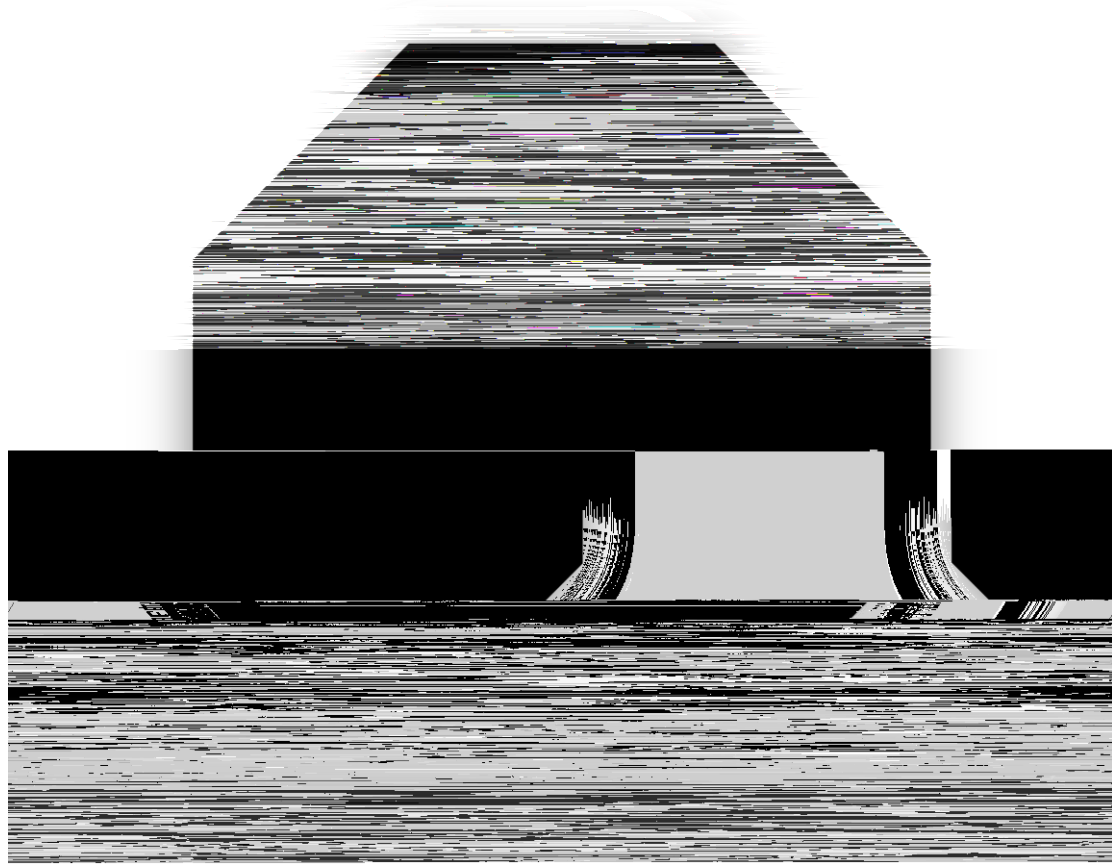
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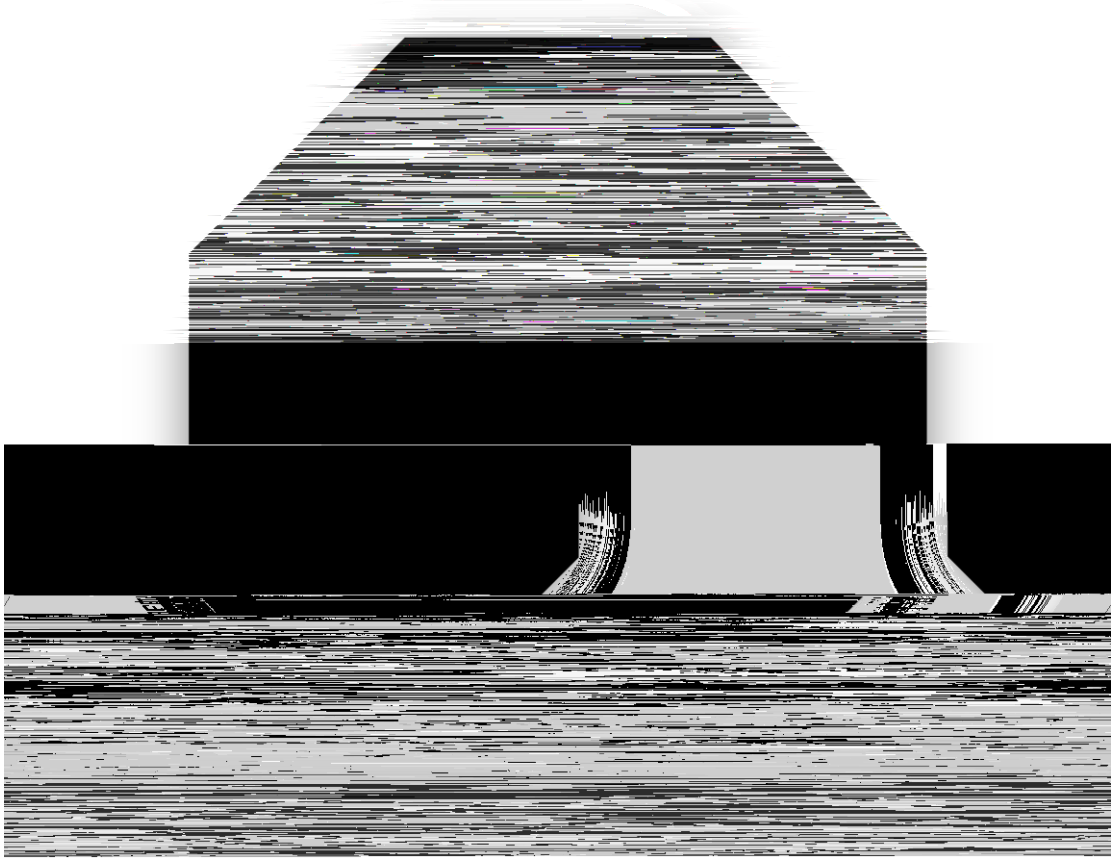


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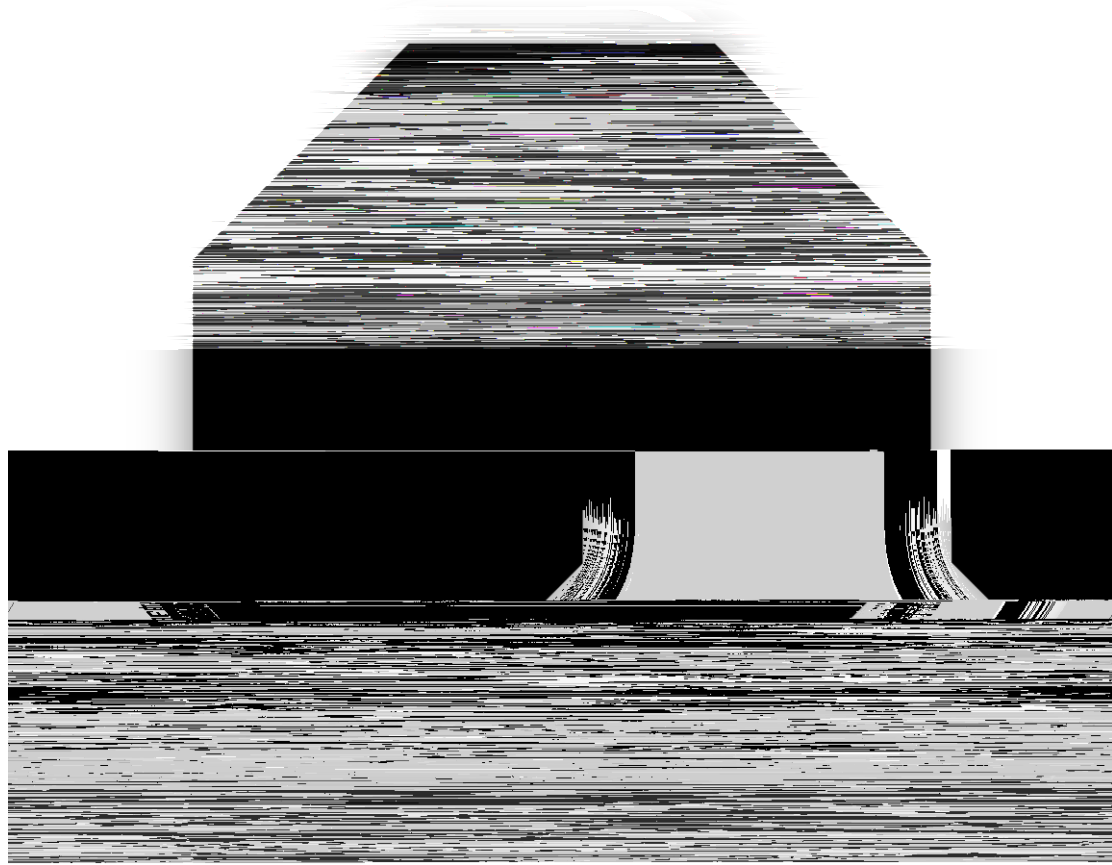


Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
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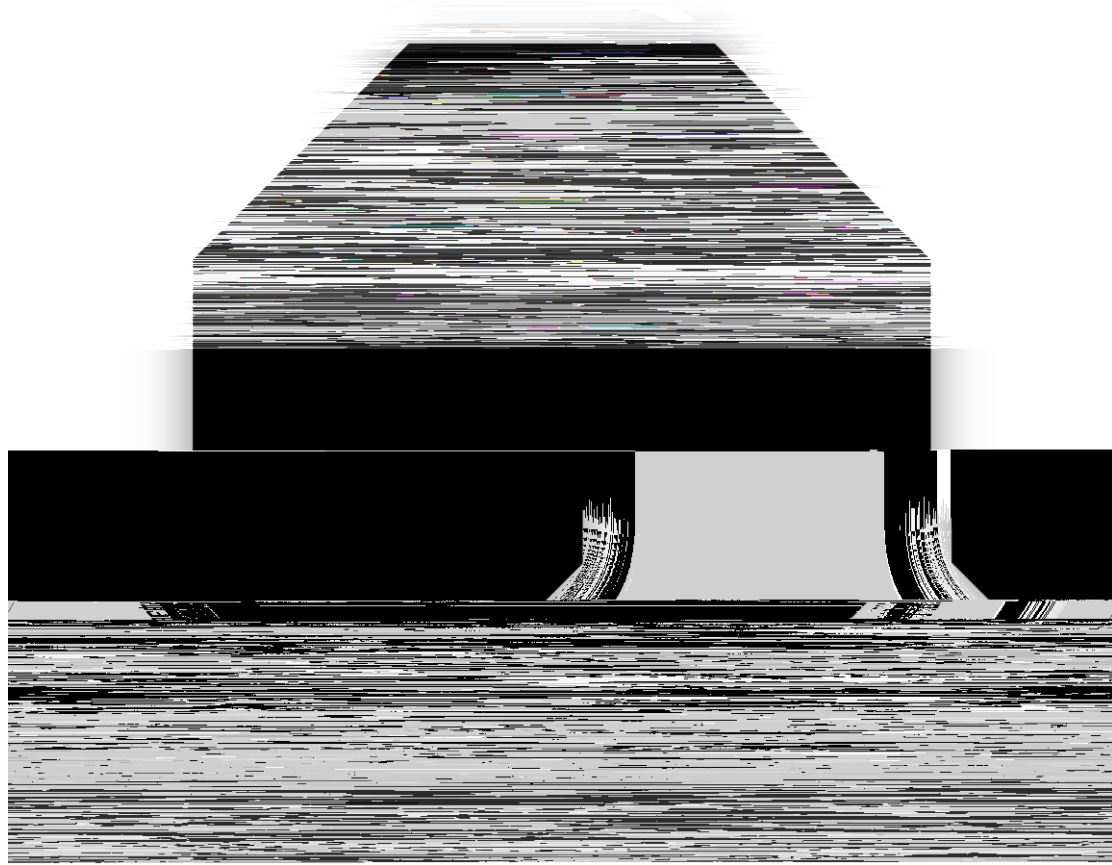
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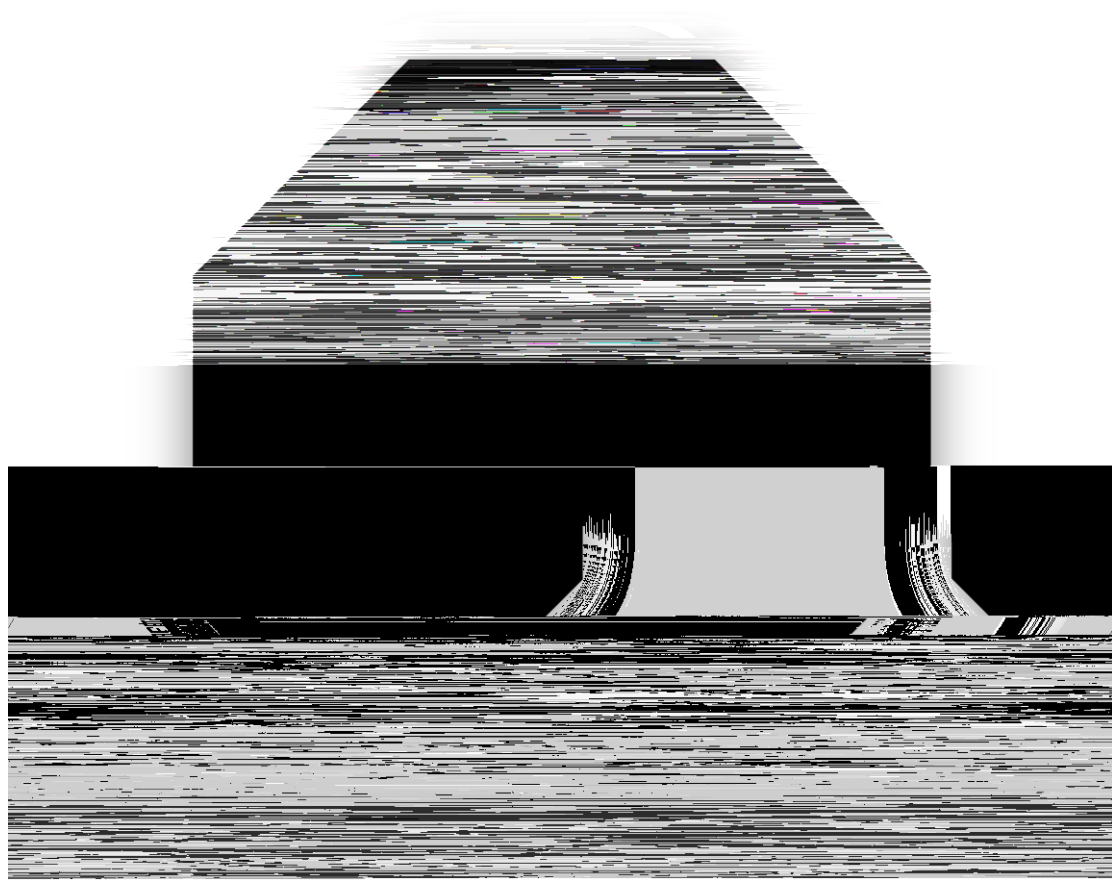


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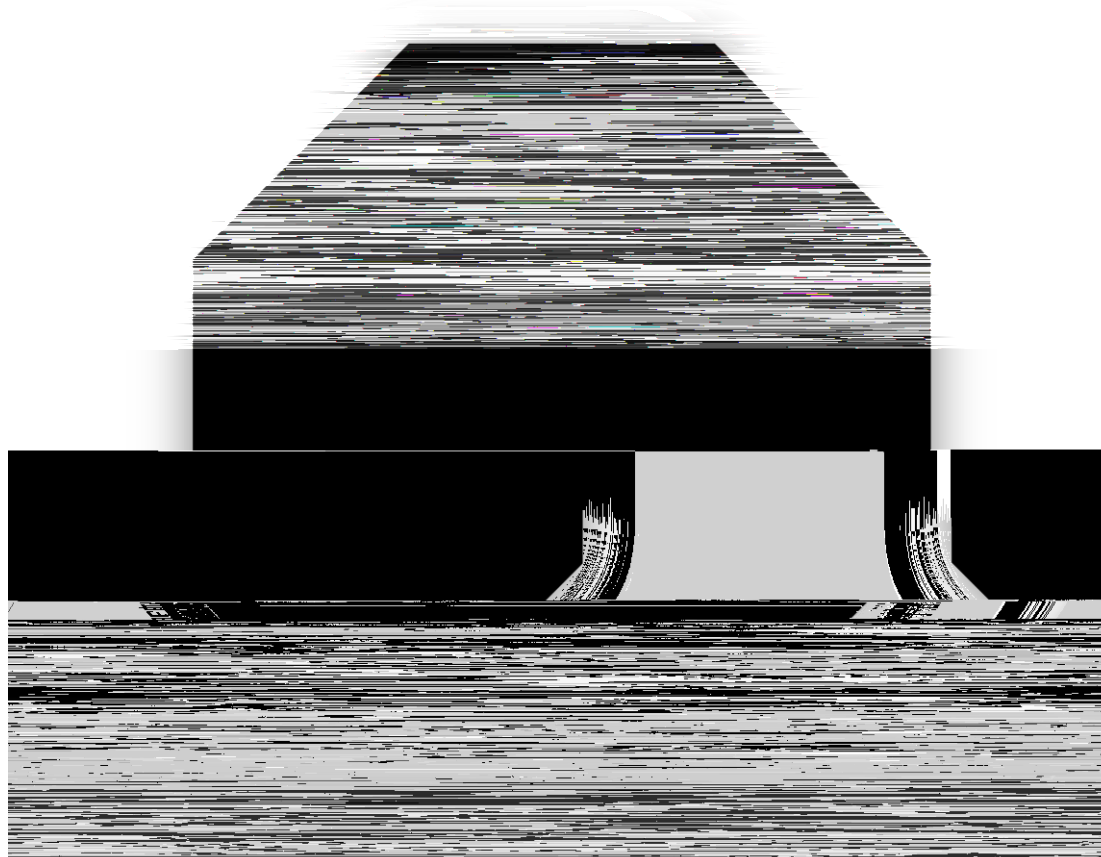


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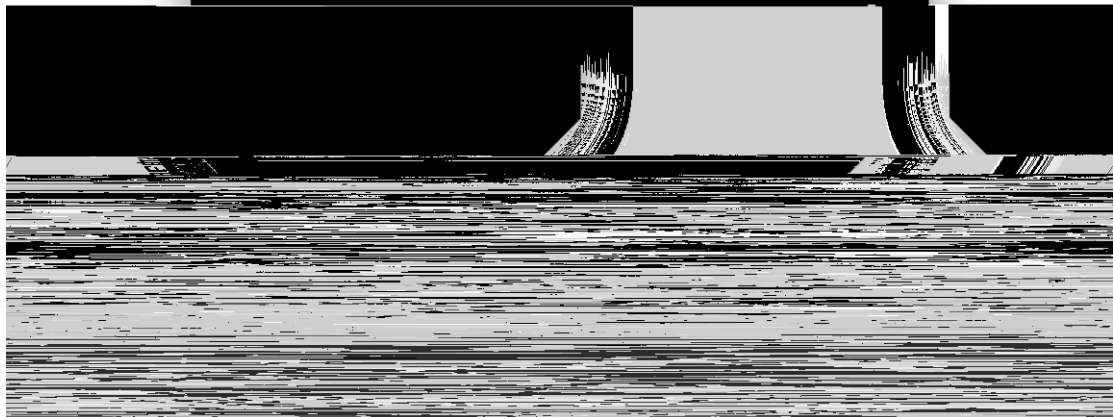


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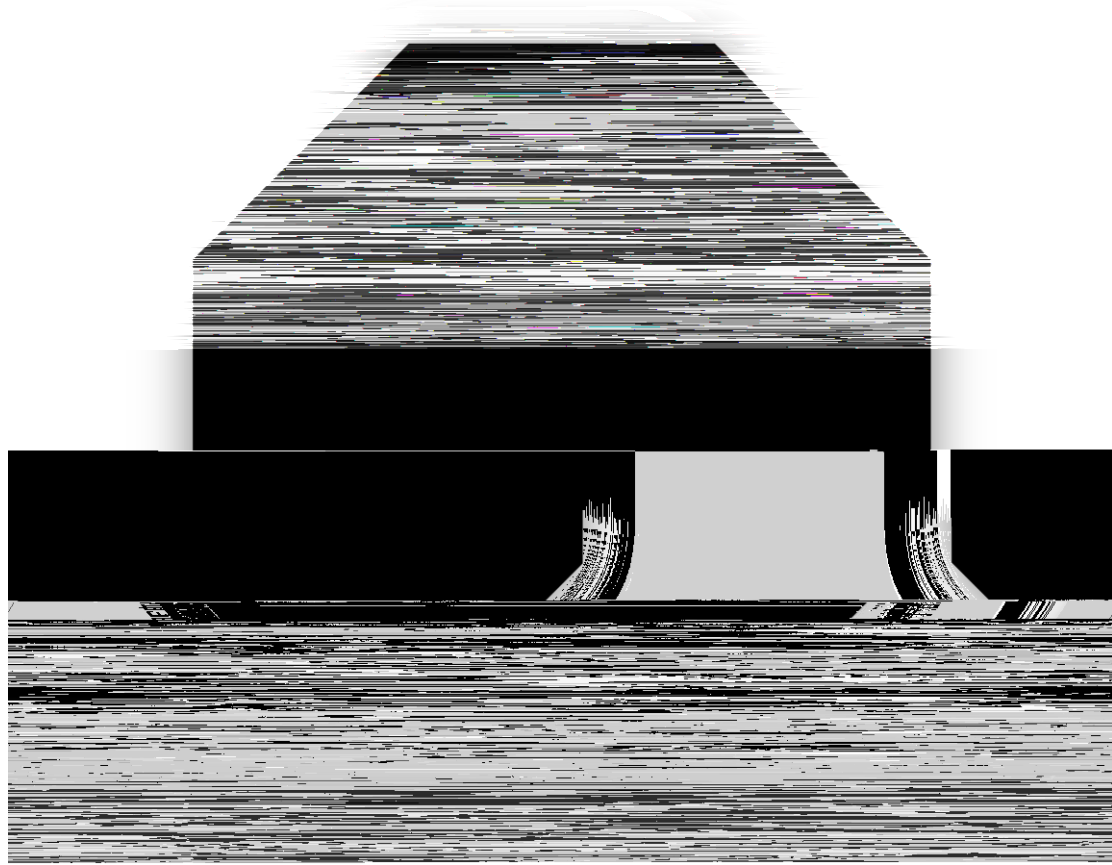


Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
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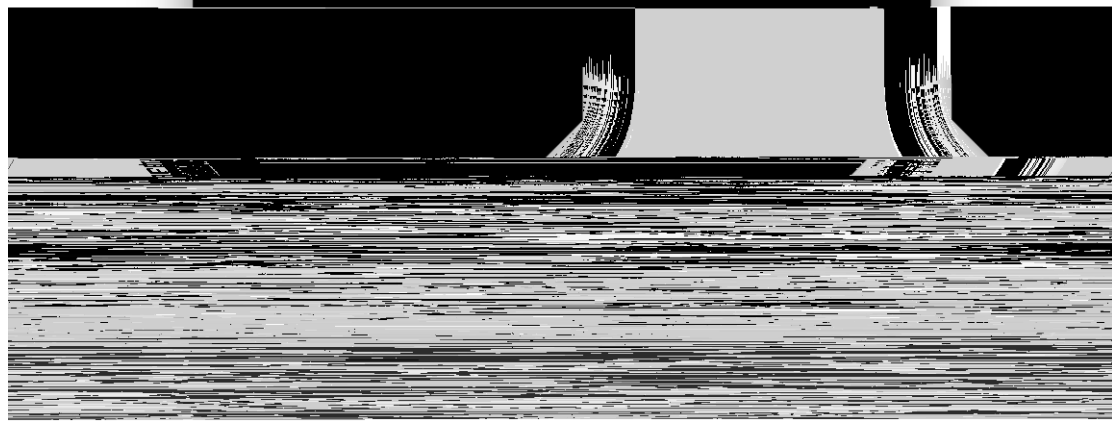
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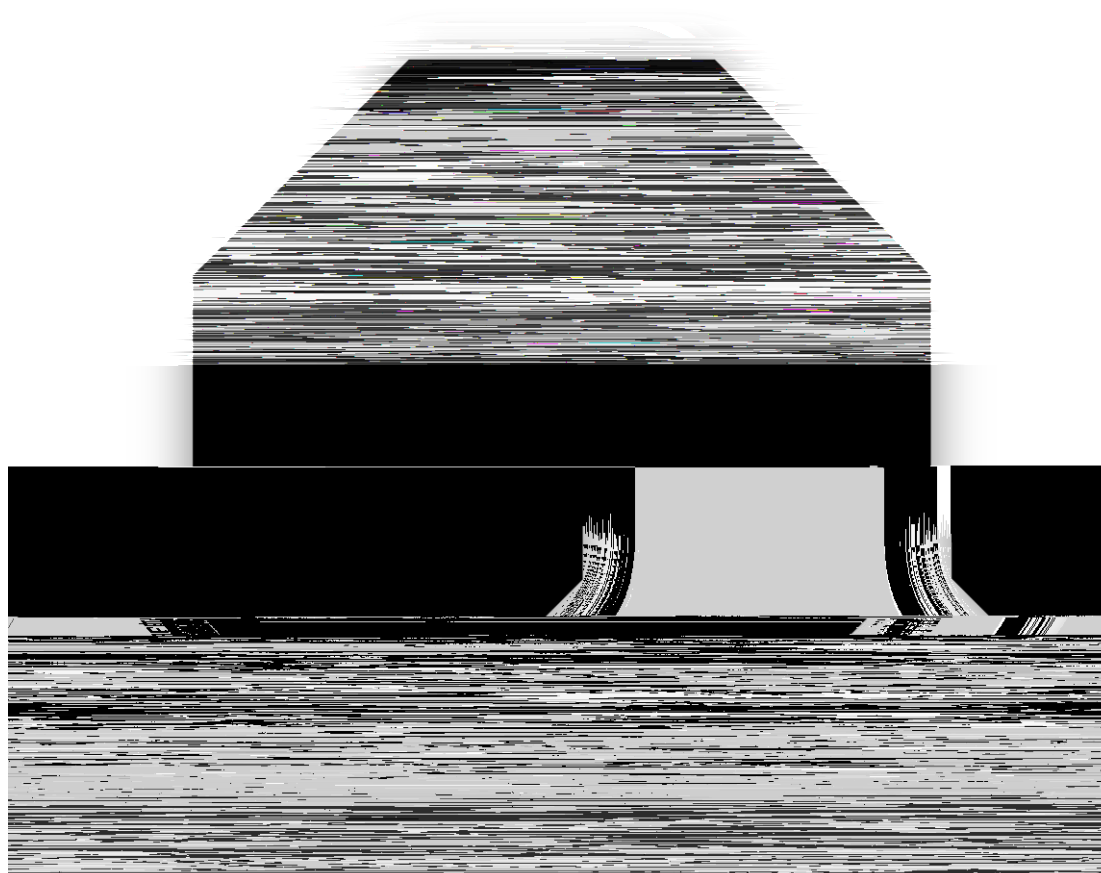


Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
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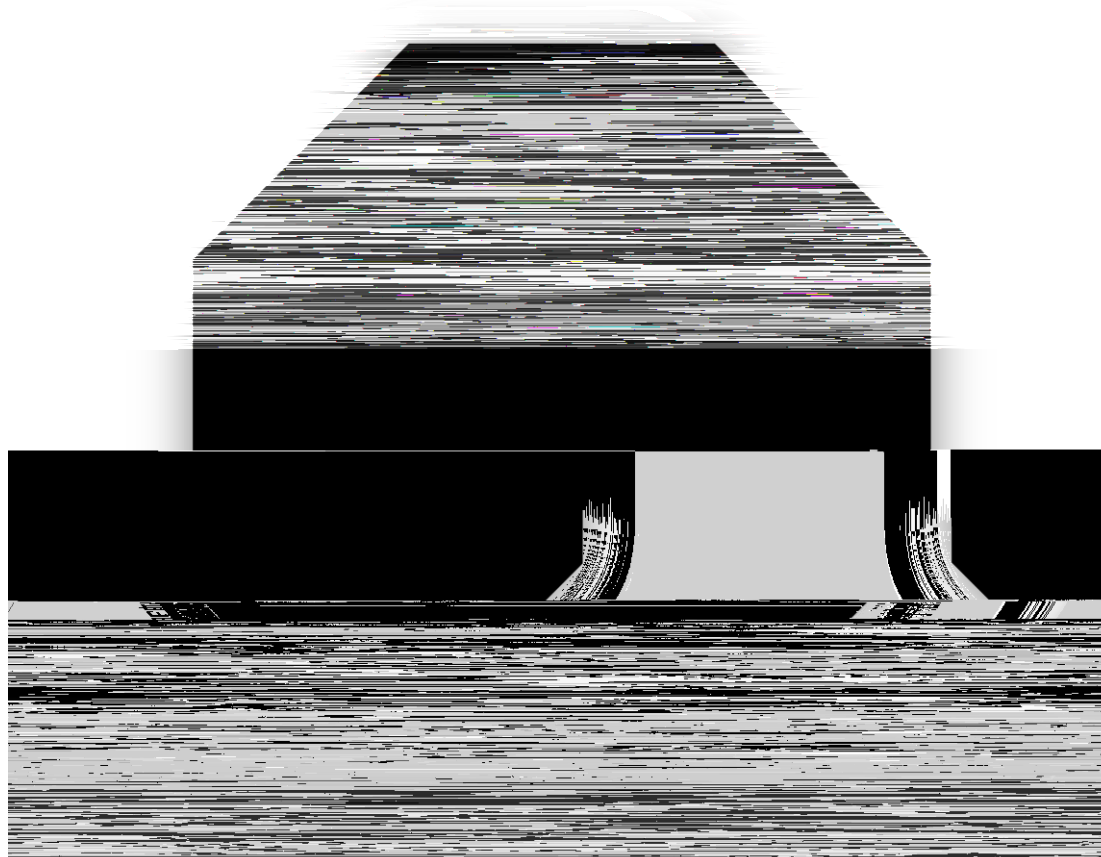


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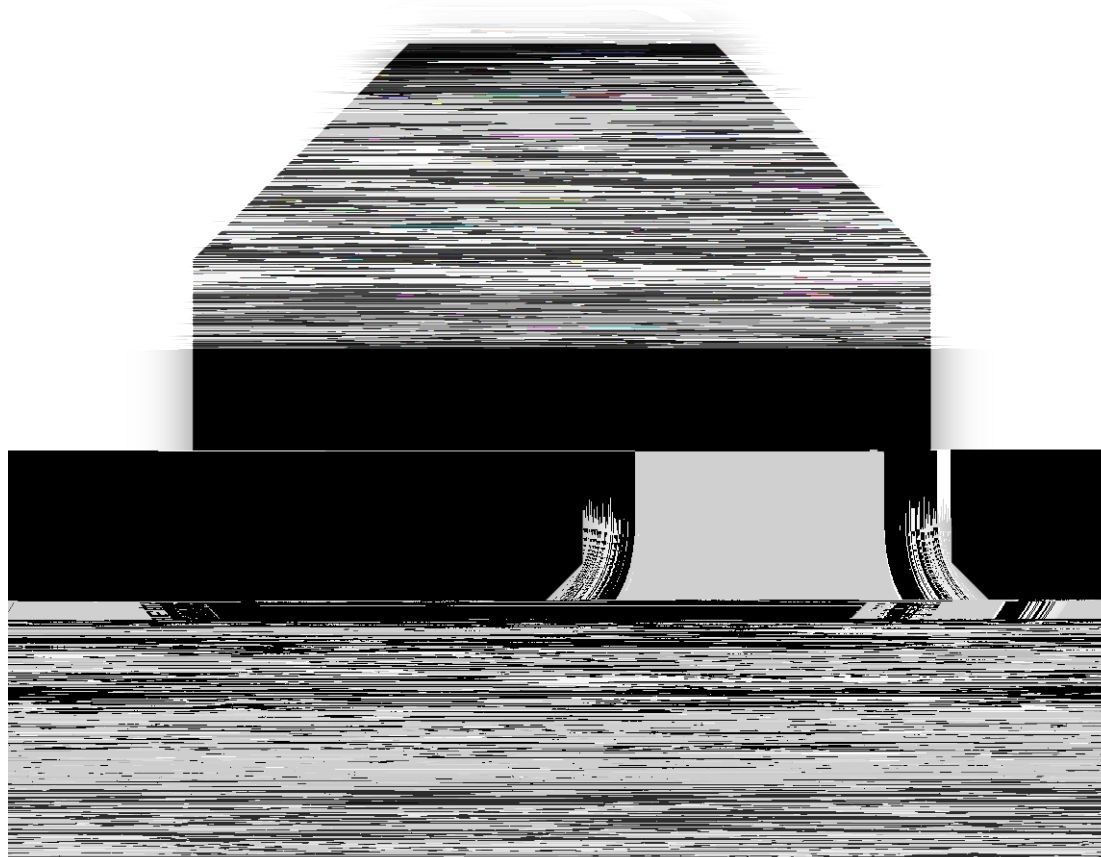


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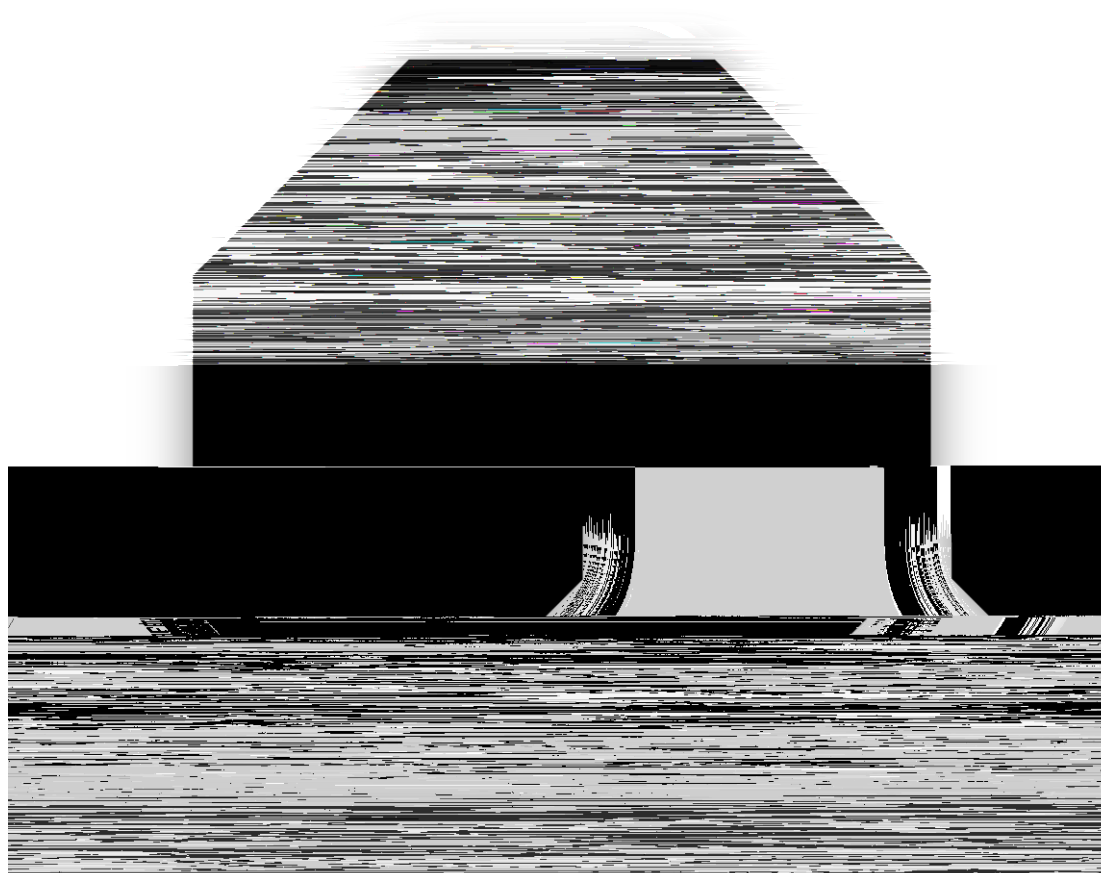
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Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
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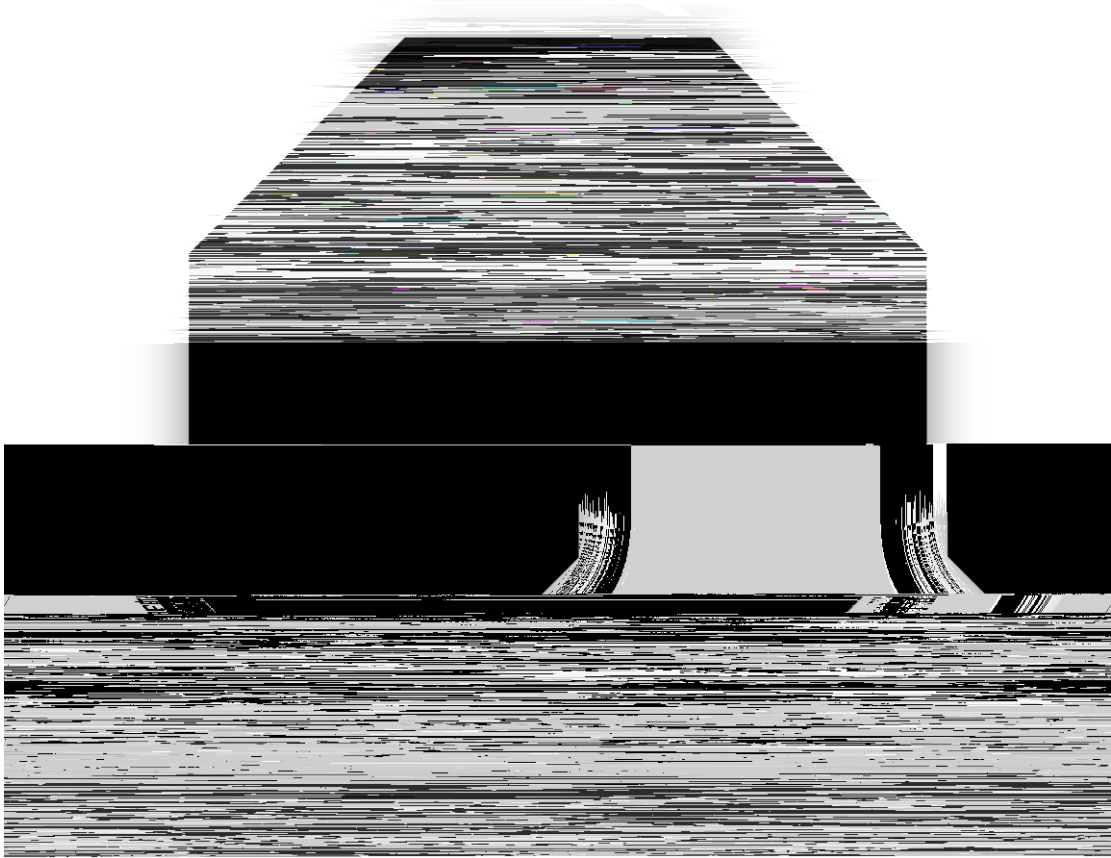


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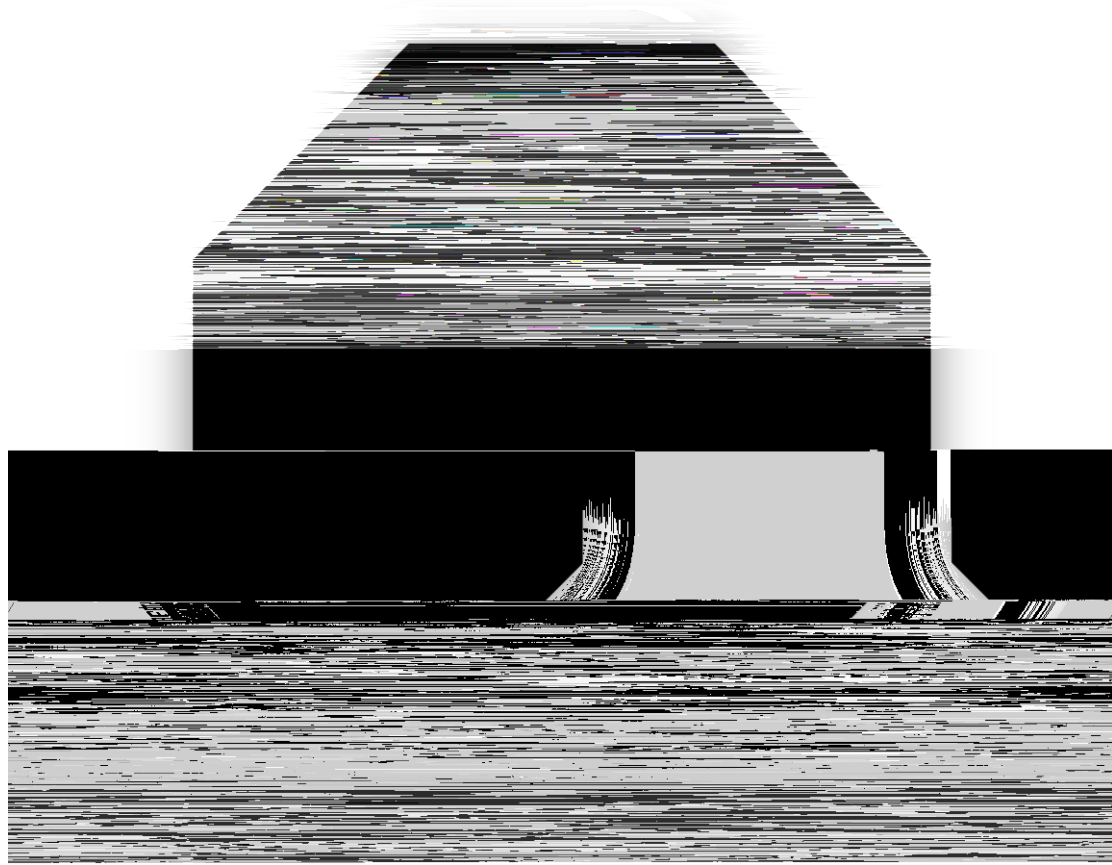


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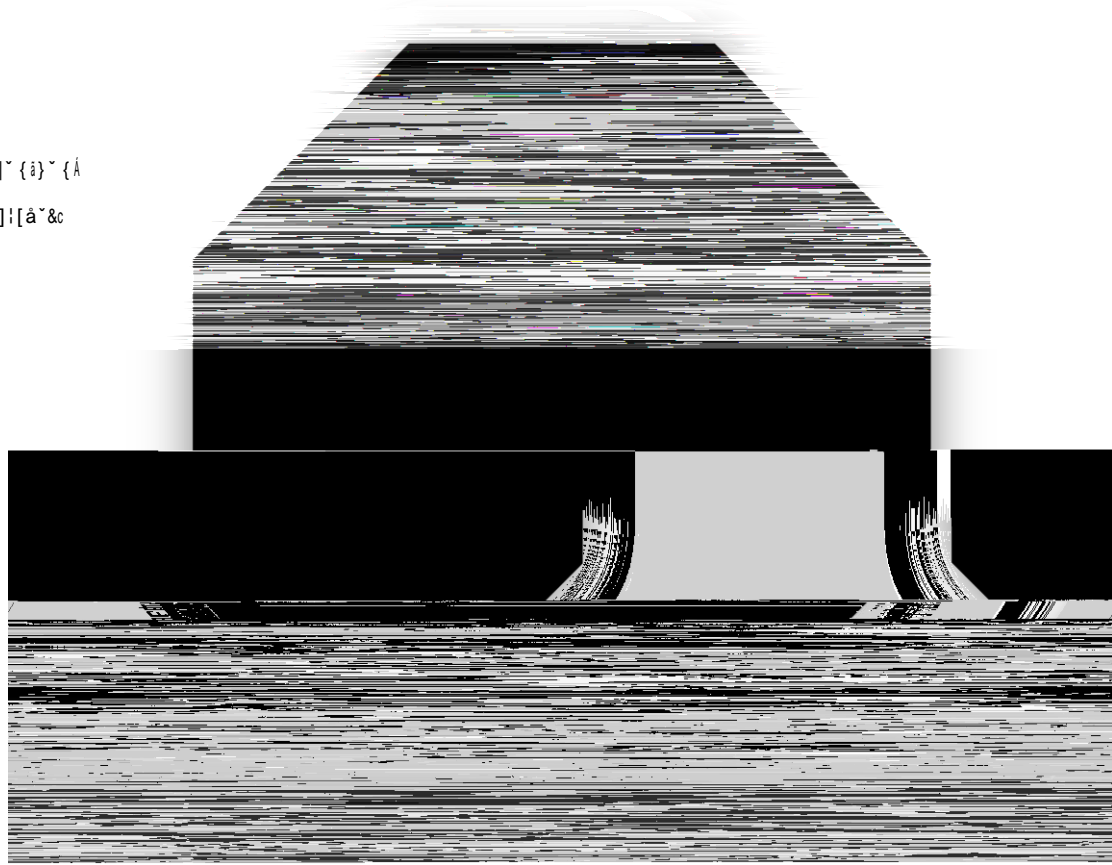


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Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
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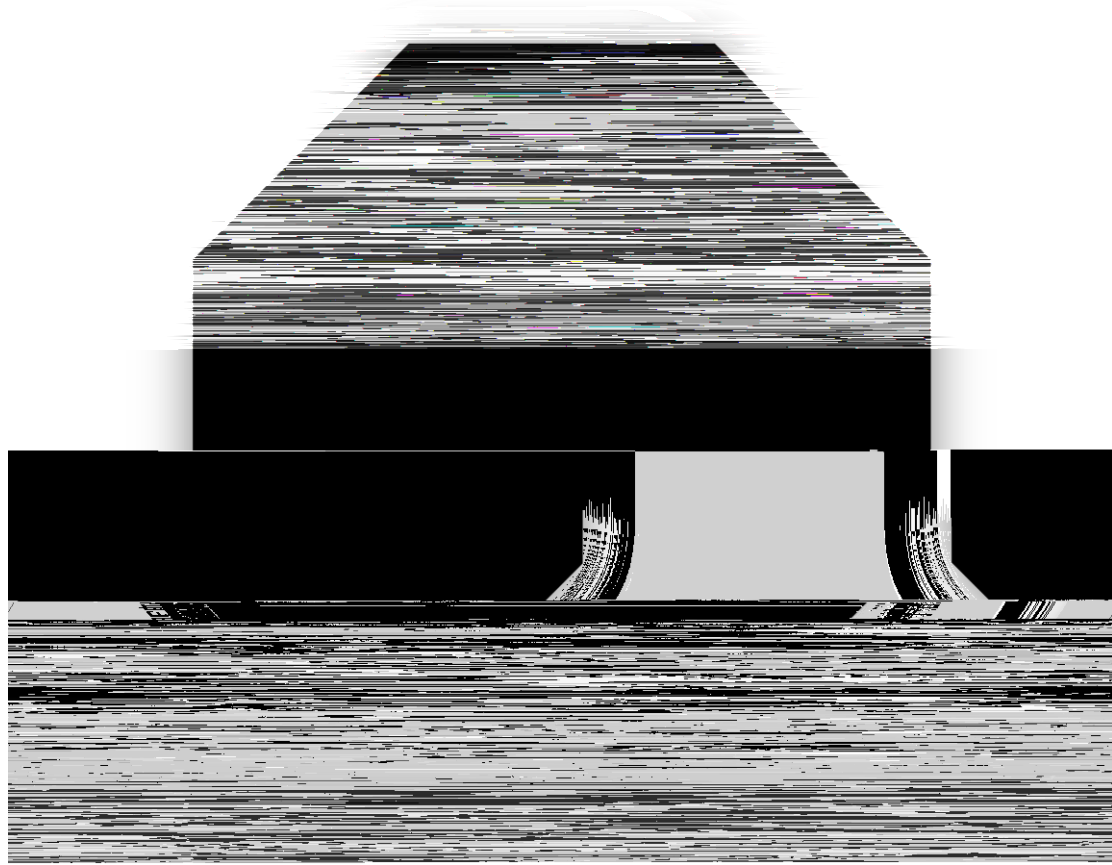


Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
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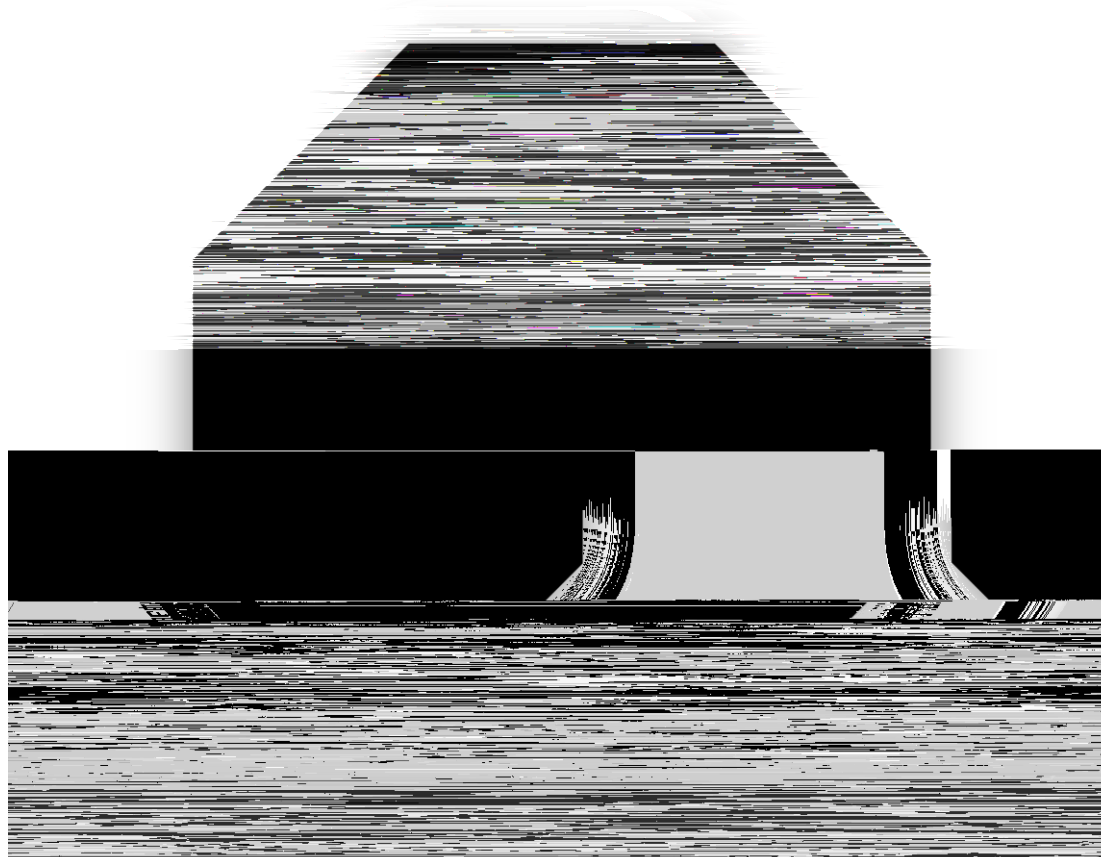
Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
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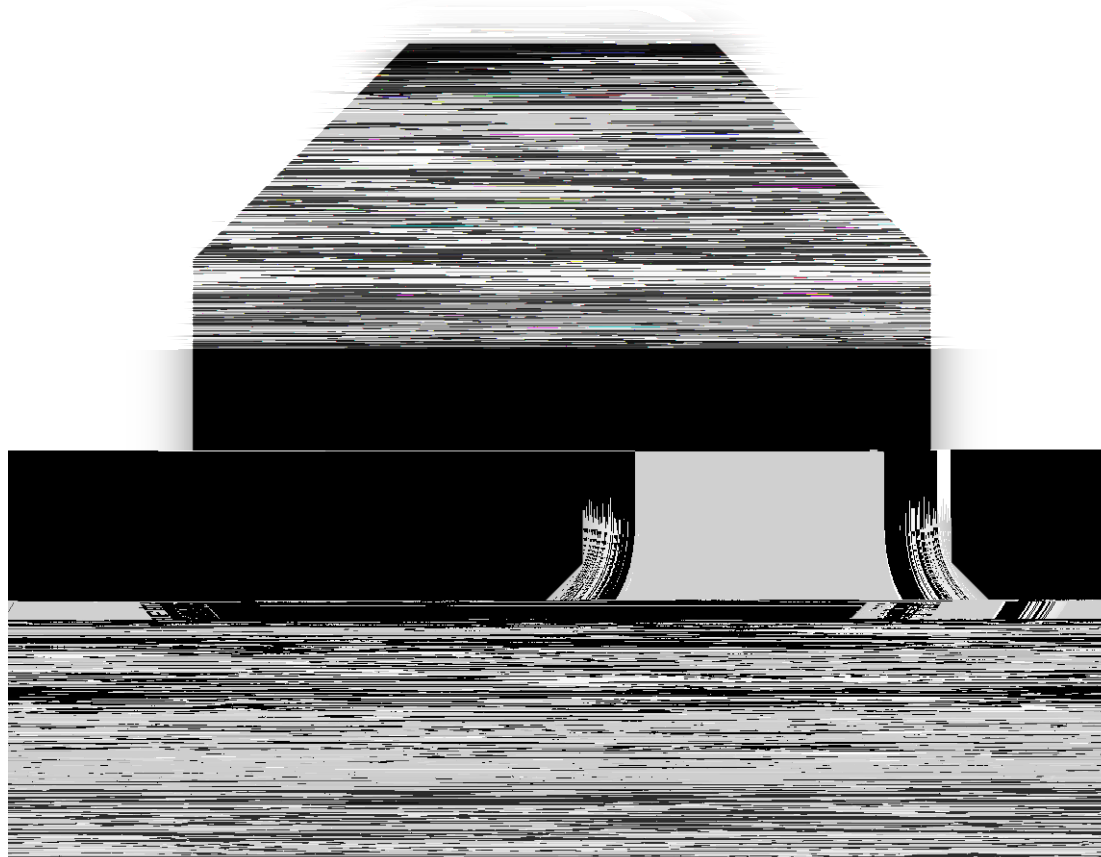


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Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit
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Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass
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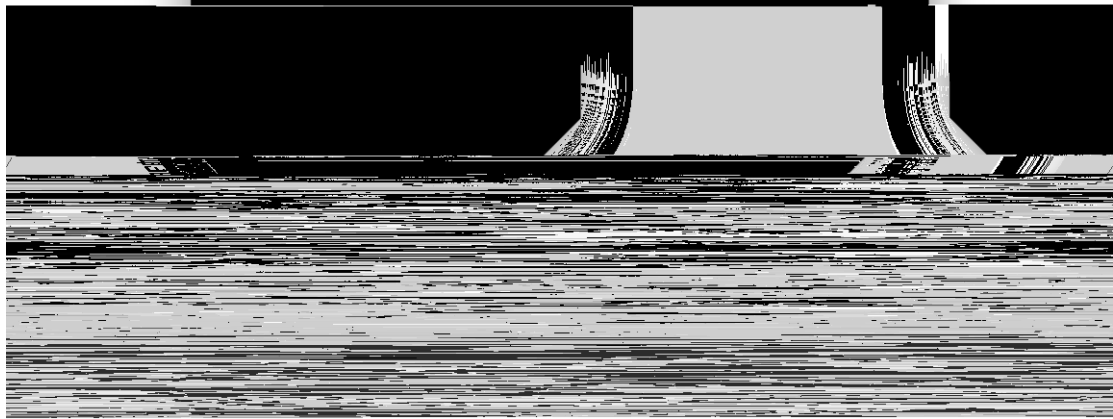




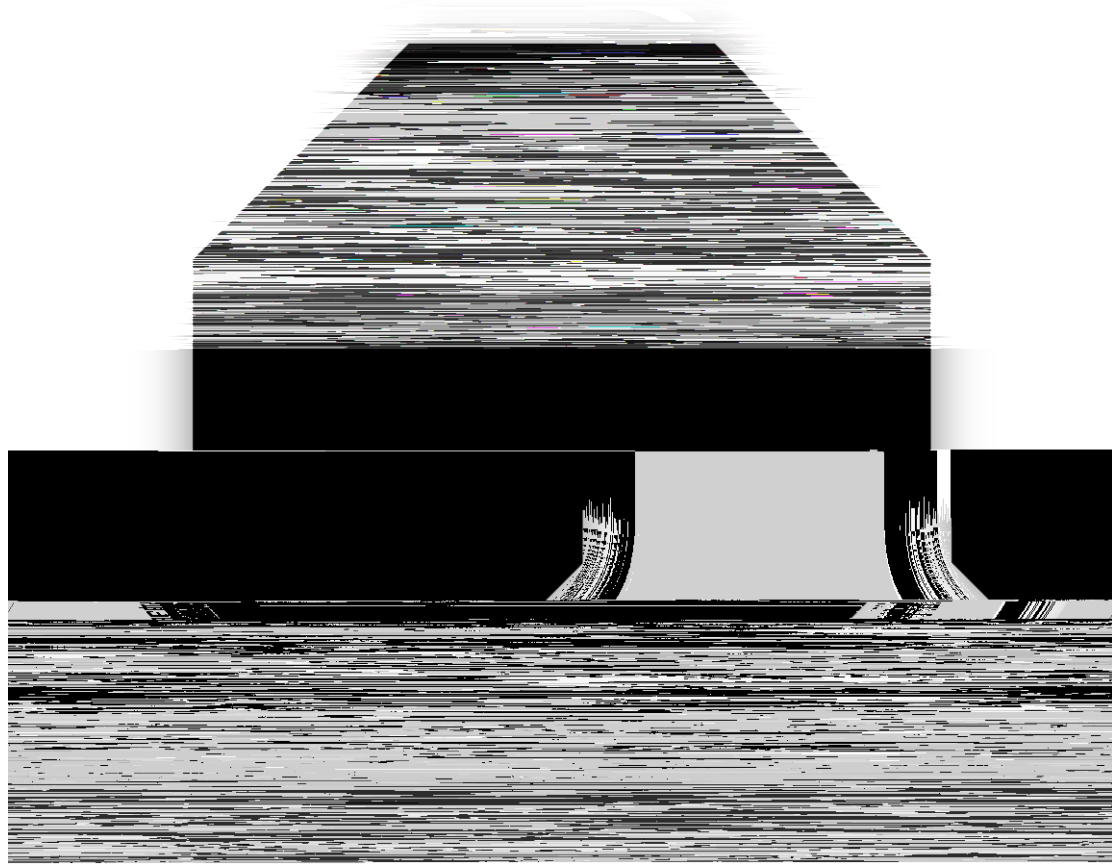
Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
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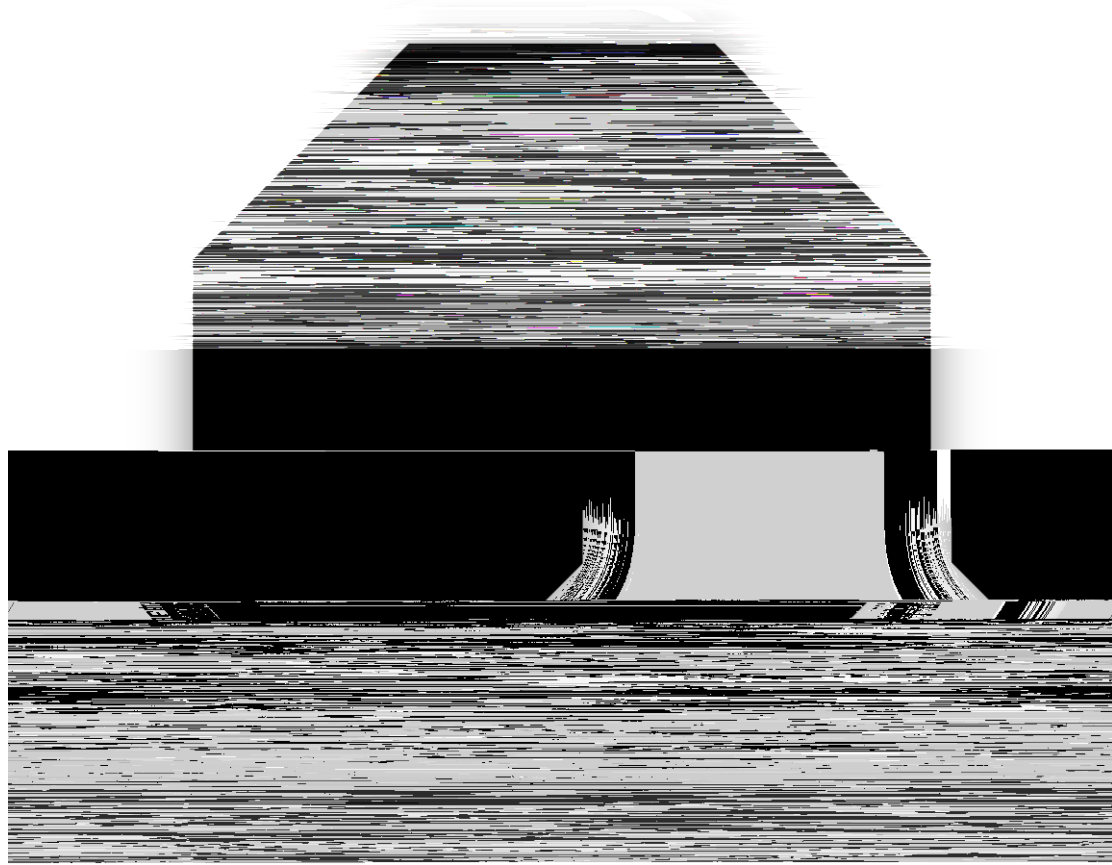


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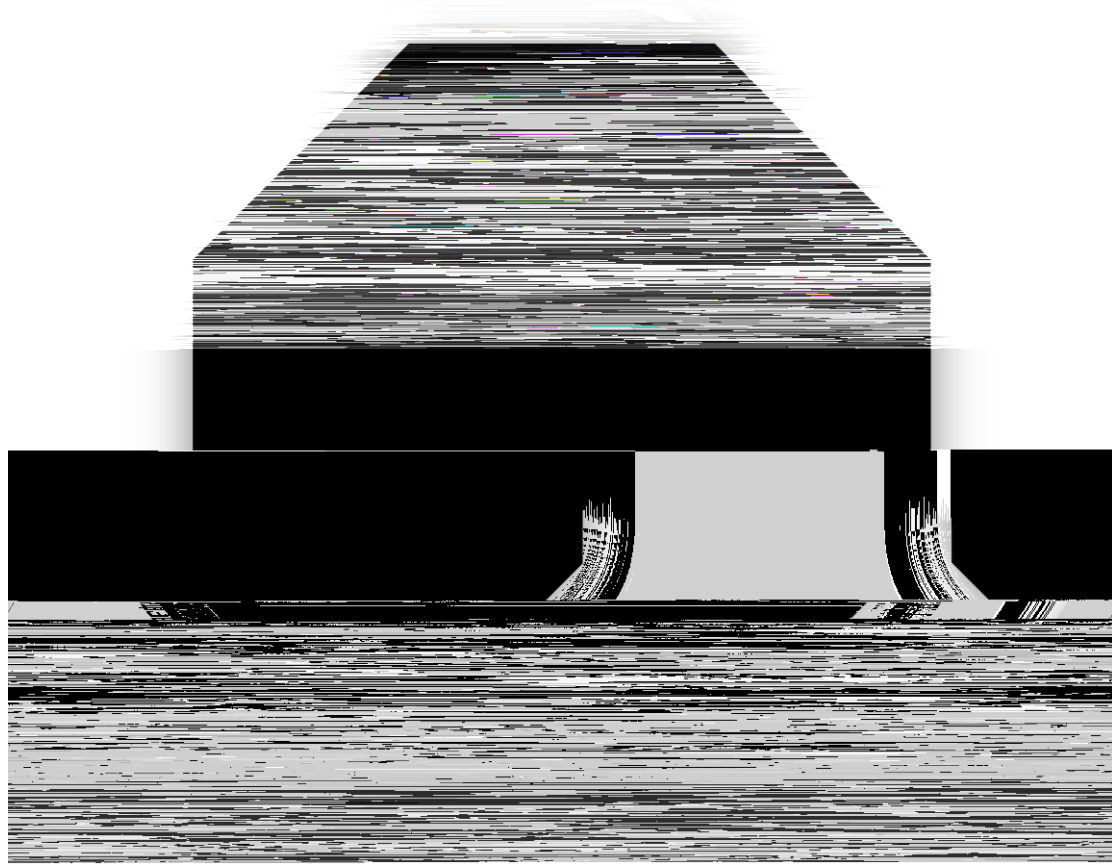


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Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
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Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
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		<input type="checkbox"/> Á Ü~]] â^!É•] ^&â-âÁ <input type="checkbox"/> { ^c@ [áÁ <input type="checkbox"/> Á P^!á!áÁ { ^c@ [áÁ <input checked="" type="checkbox"/> Á Çç^!æ*^ÉæææÁ <input type="checkbox"/> { ^c@ [á <input type="checkbox"/> Á Ü^)áFææ•^áÁ <input type="checkbox"/> { ^c@ [á <input type="checkbox"/> Á P [çæ]] â&æà ^Á	HEÉÉÉÉ	^*	Úæ, Á {æ^!iæ} æ&^•ææ[]H^&[!a	FGÉ!HÁ^ÔUç^Á^*	Ô&[!ç^ }çHÉFÉ!áææàæ•^	H!ÉG!G!Á	

















Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
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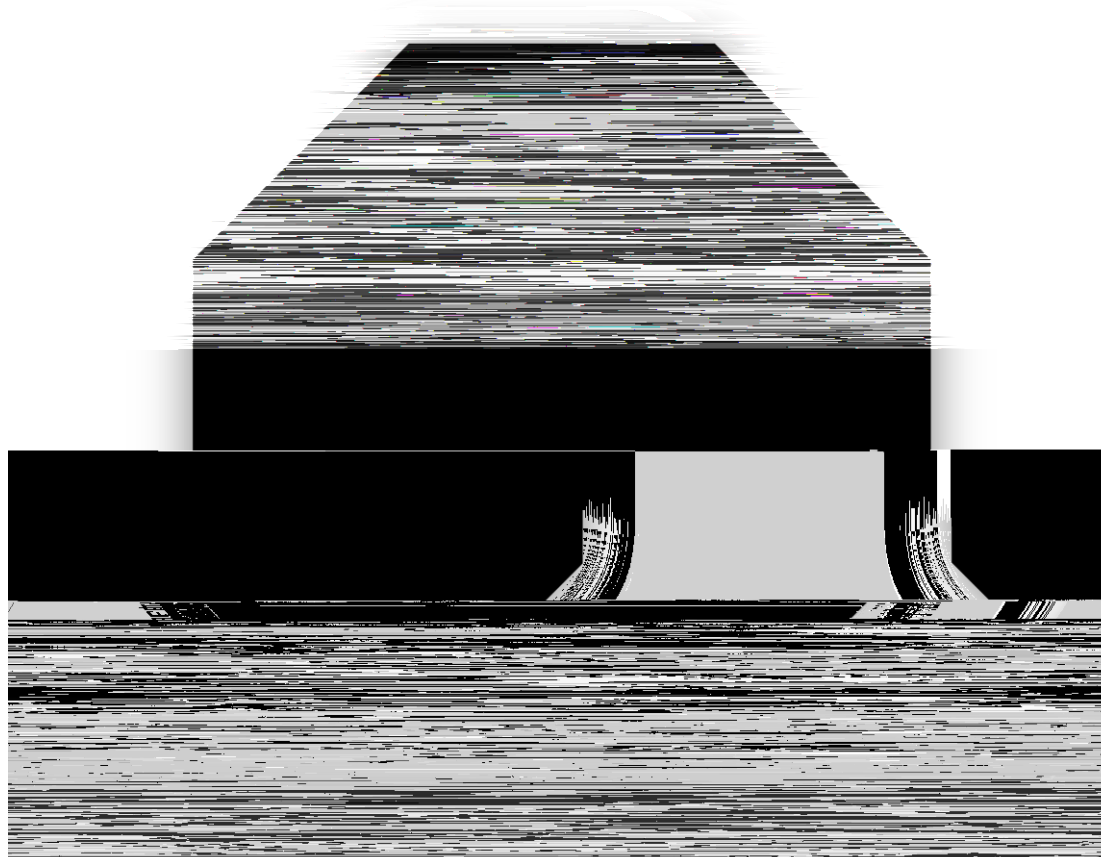


Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
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Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)	
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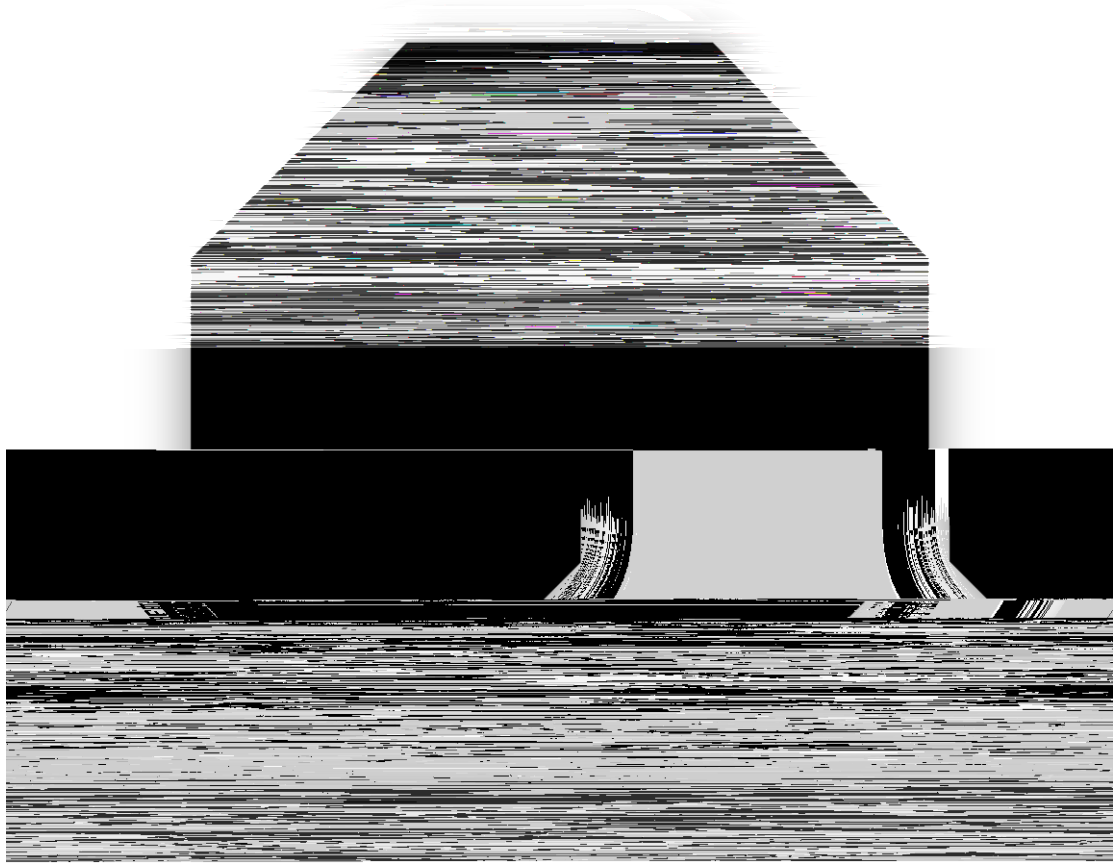
Emission categories	Emission source	Facilities or process	Accounting method	
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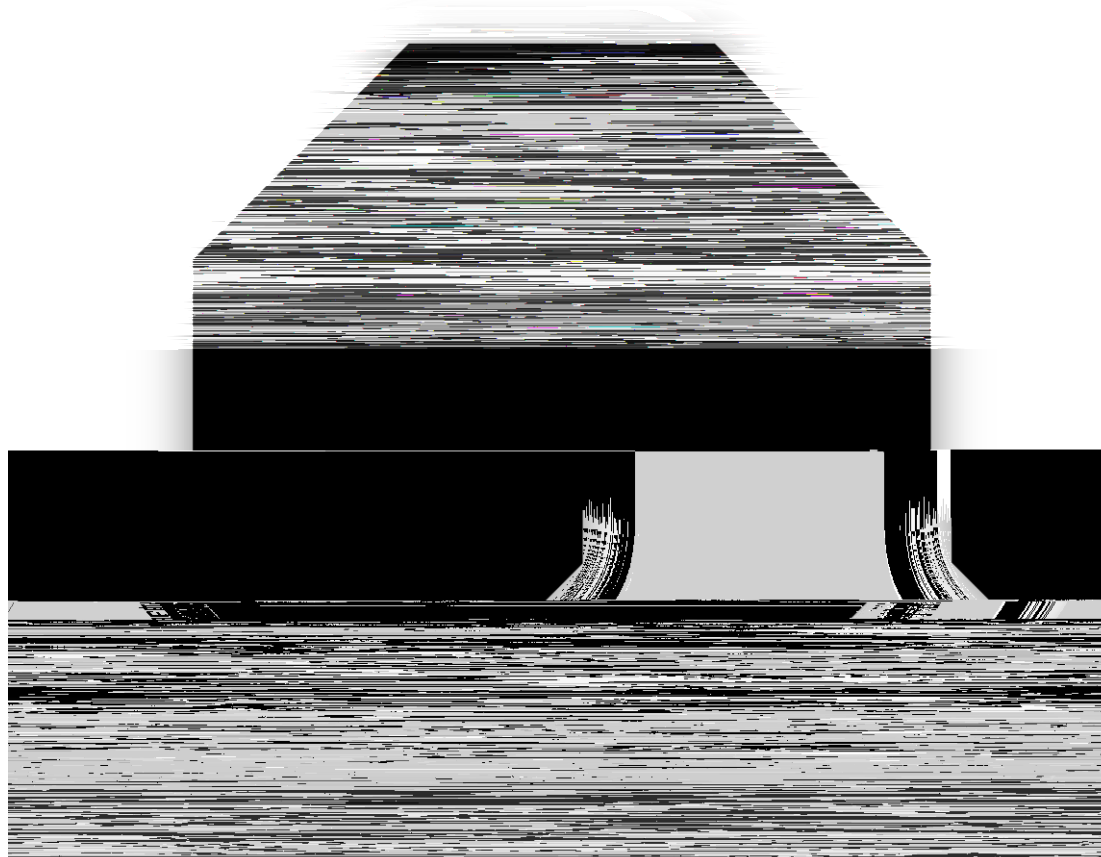


Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
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			<input type="checkbox"/> [[á•É!•^!ç!&^!æ}áÁ &æ]íææ!Á* [[á•KÁ <input type="checkbox"/> Á Ü~]] á^!É•^!&â-â&Á { ^c@ [áÁ <input type="checkbox"/> Á P^!á!áÁ { ^c@ [áÁ <input checked="" type="checkbox"/> Á Çç^!íæ*^ÉæææÁ { ^c@ [á <input type="checkbox"/> Á Ü^)áíææ•^áÁ { ^c@ [áÁ <input type="checkbox"/> Á P [çá	161666	^	Uæ, í (ææ^!íæ) æ&^•ææ[]Á^!&[!á	çHÍÍGÁ*ÔUç^Á*	Ô&[!ç^}çHÉFÉ!áææâæ•^	GííÉÍÍÍÁ

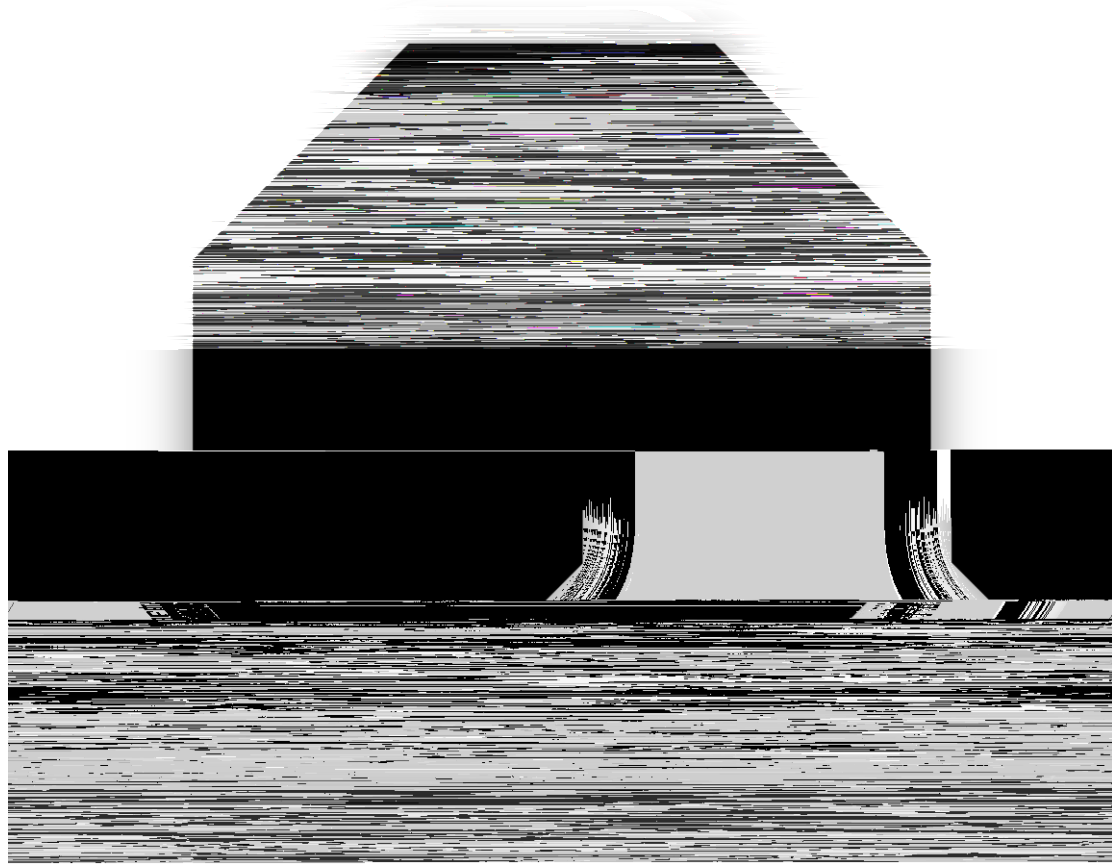
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Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	
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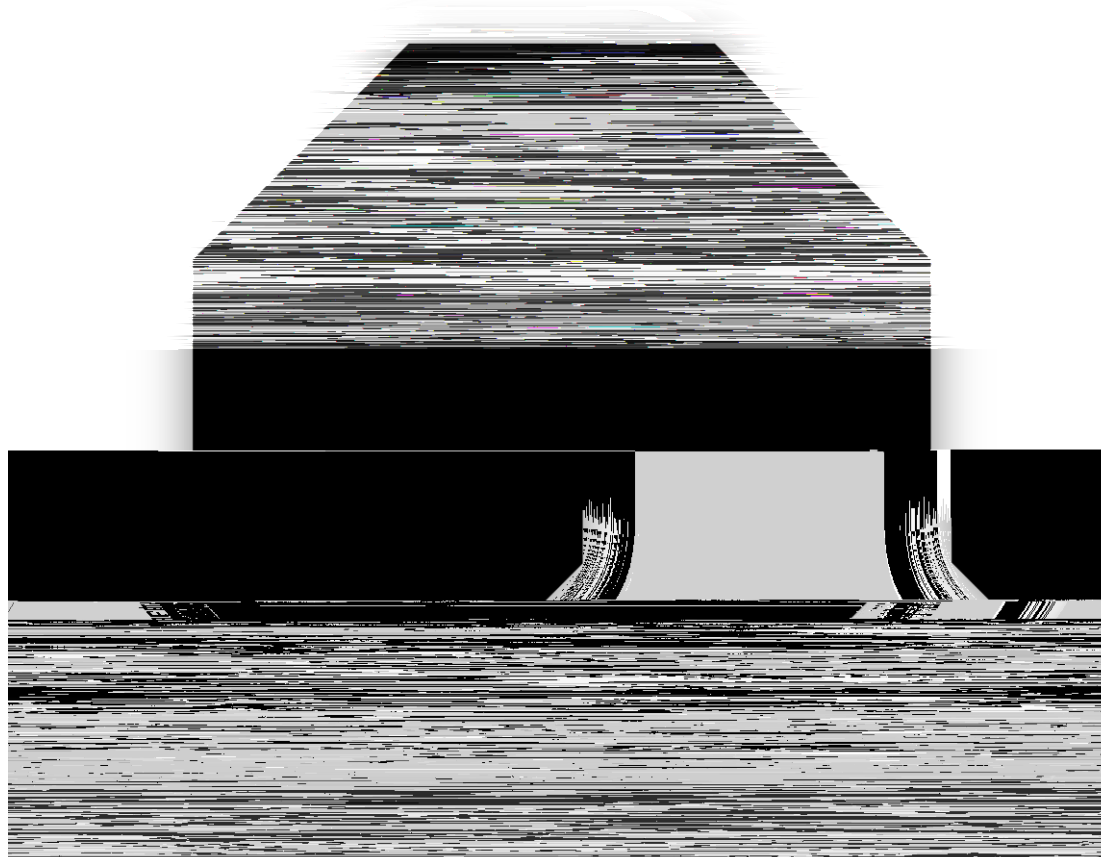
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Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)	
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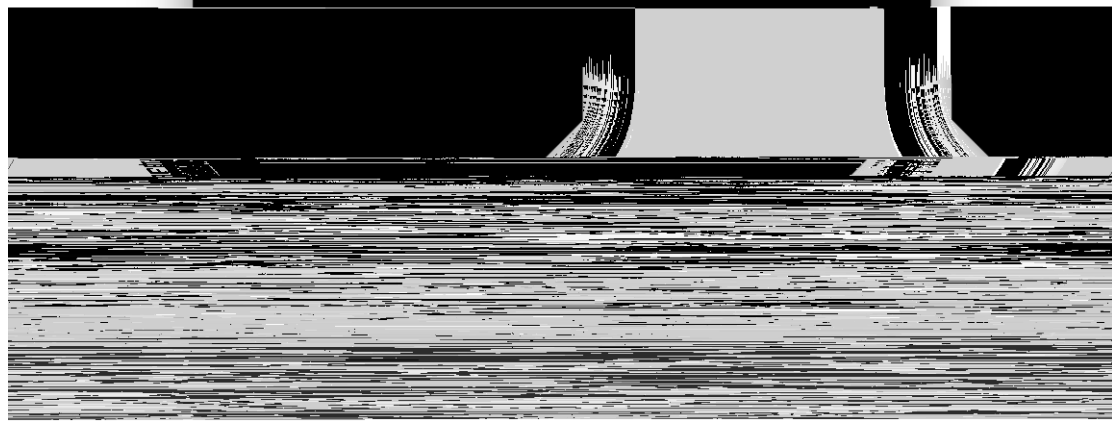
Emission categories	Emission source	Facilities or process	Accounting method	
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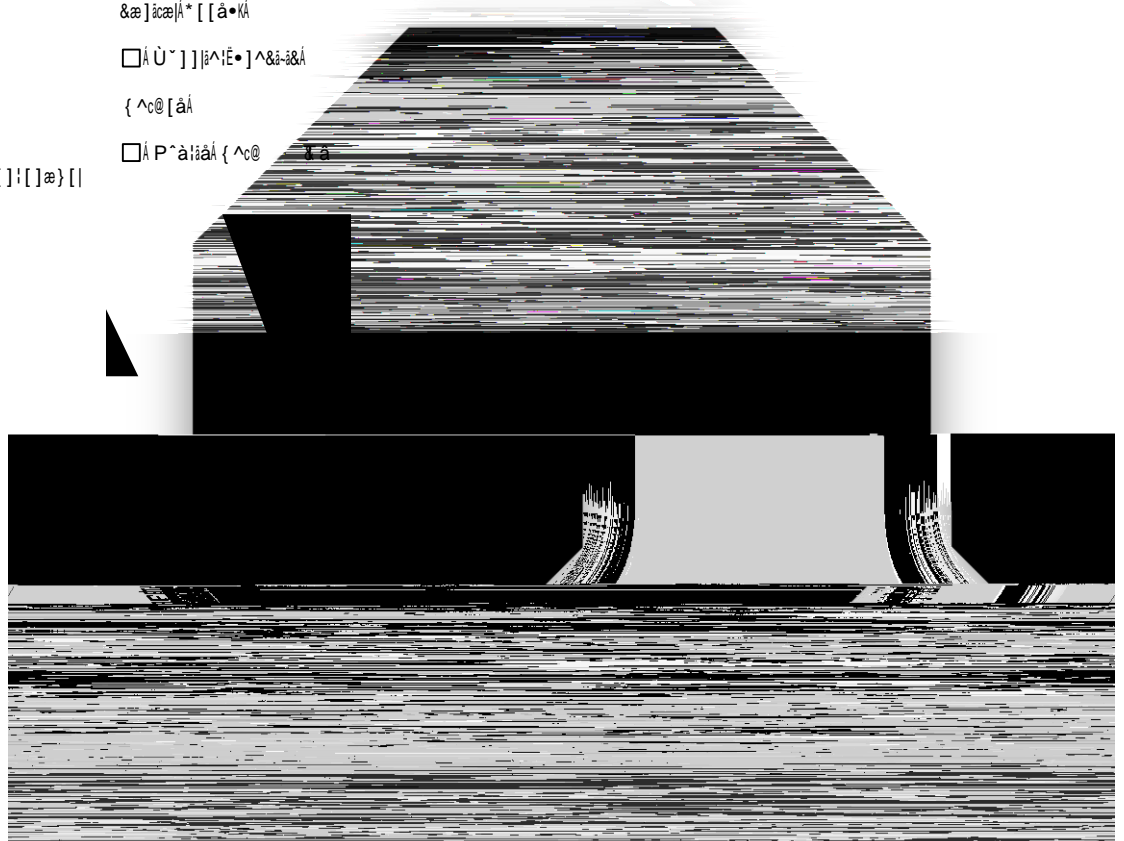


Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
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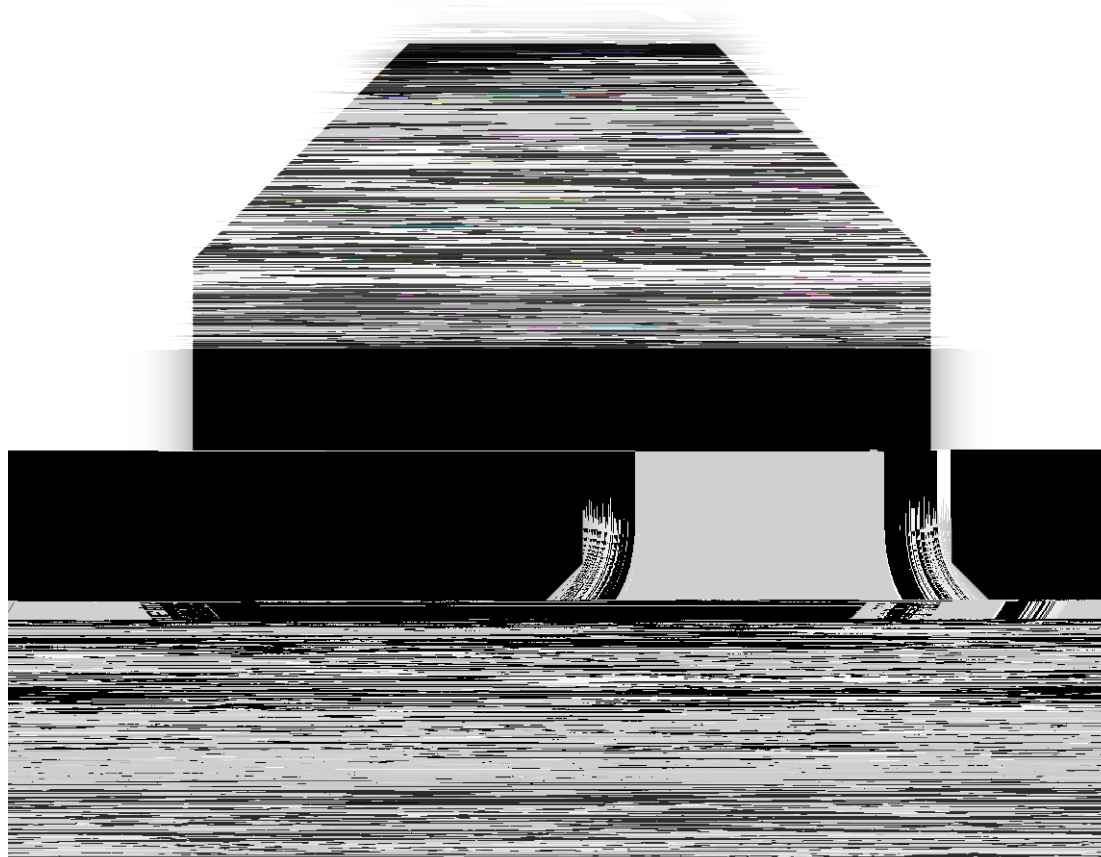
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Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
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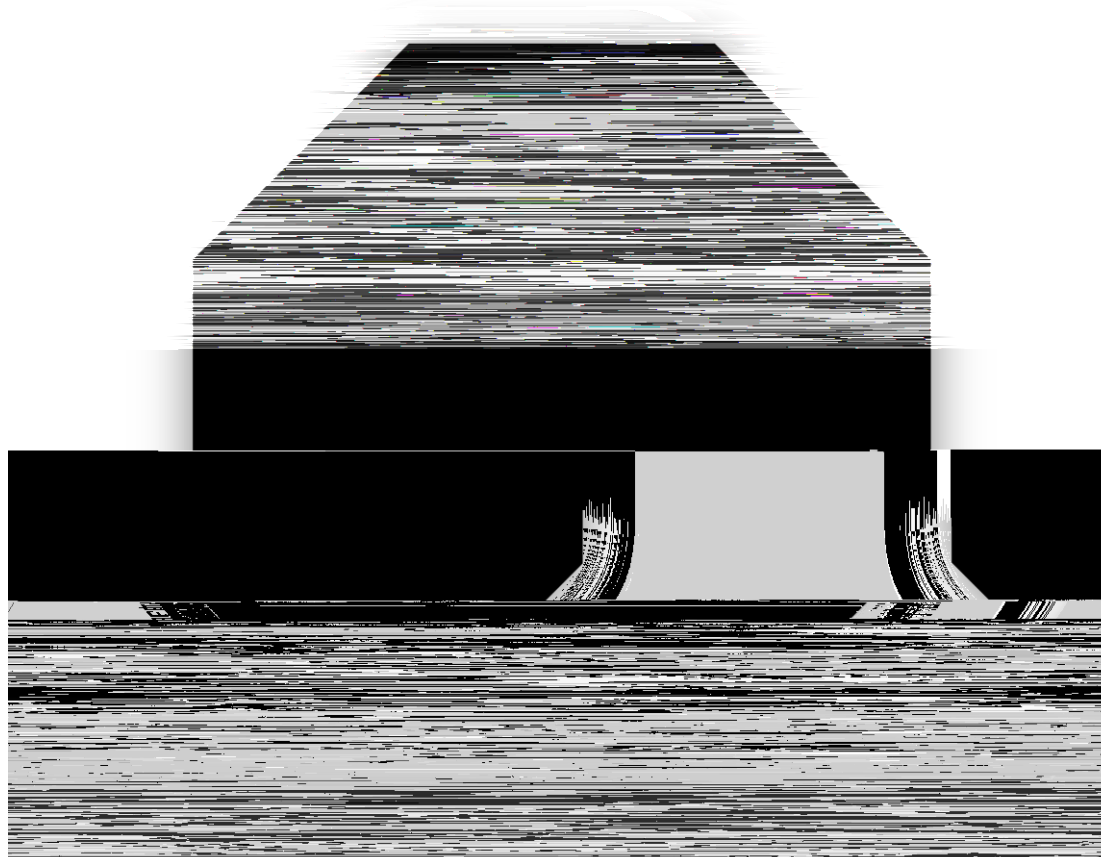
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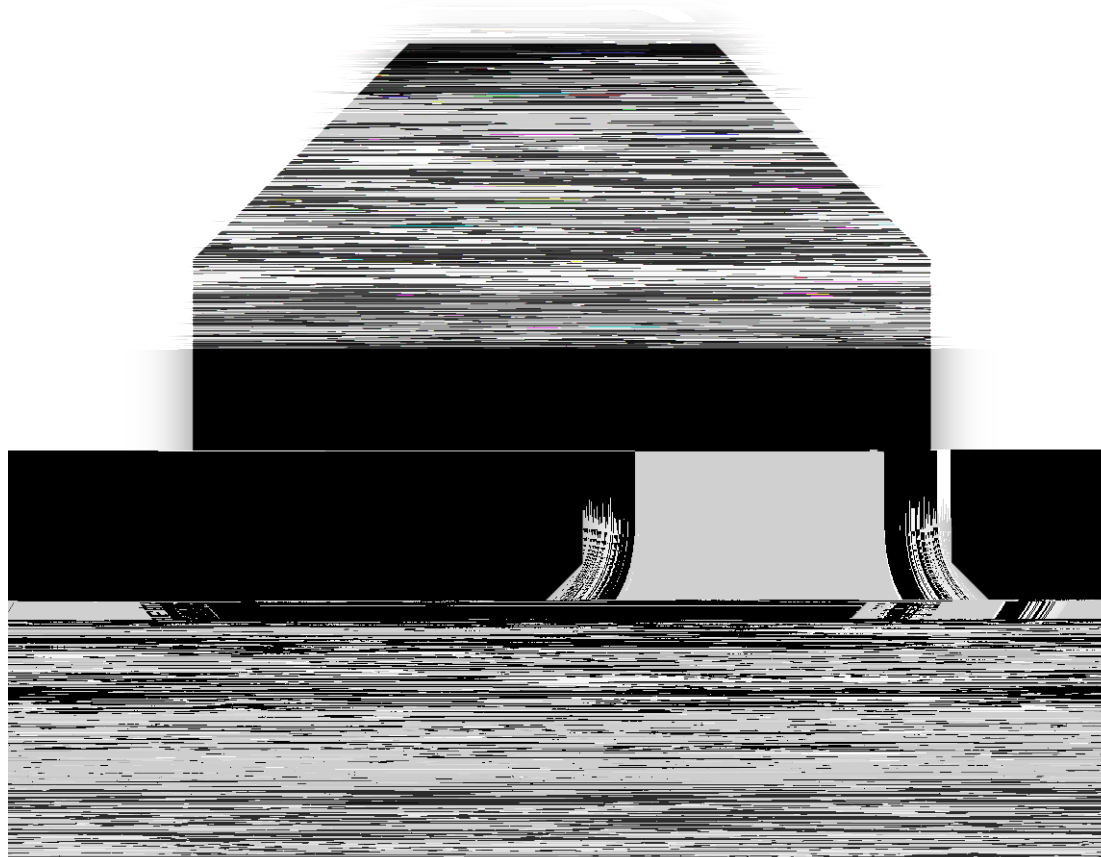
Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data
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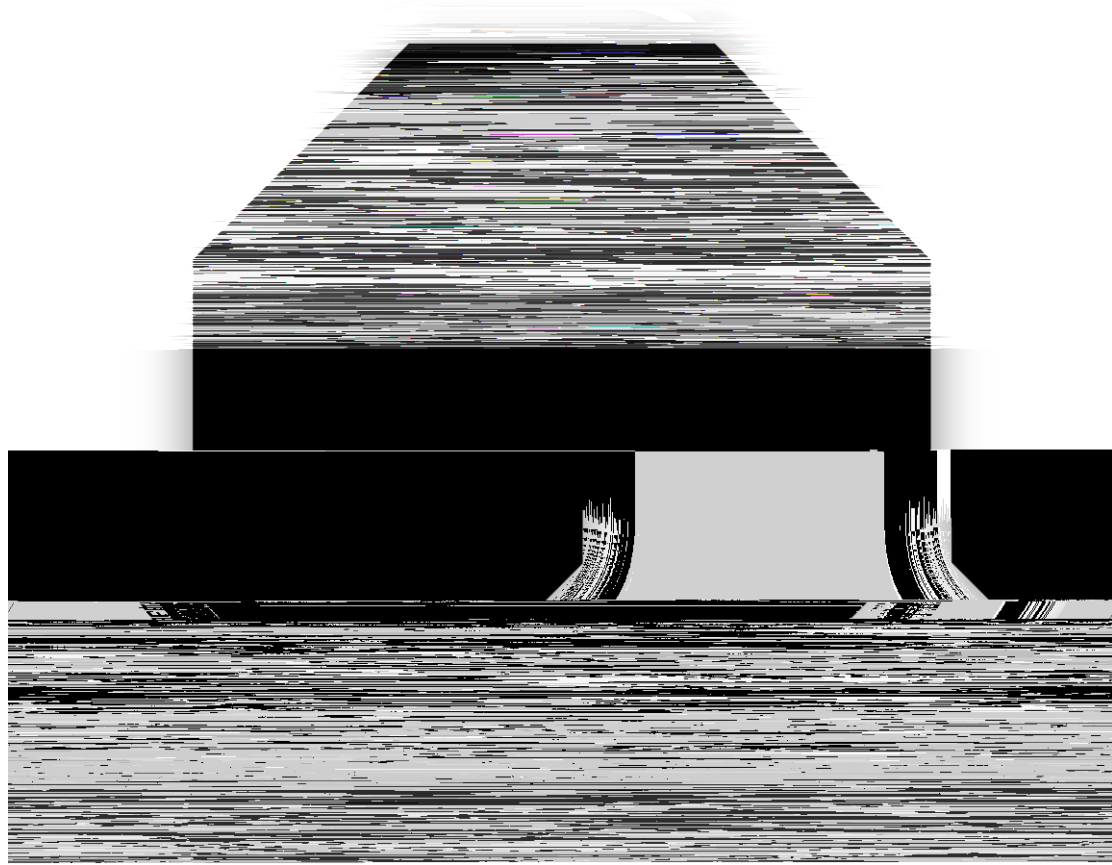


Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
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Emission categories	Emission source	Facilities or process	Accounting method	
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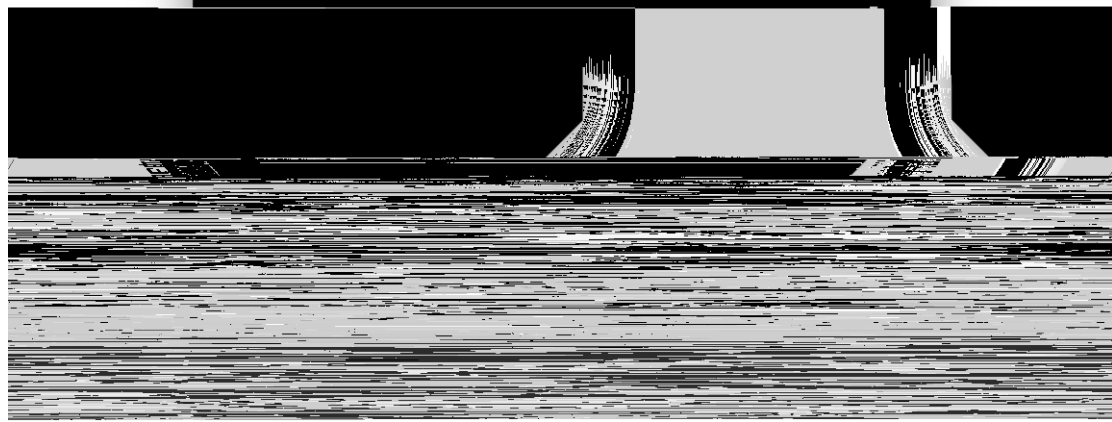




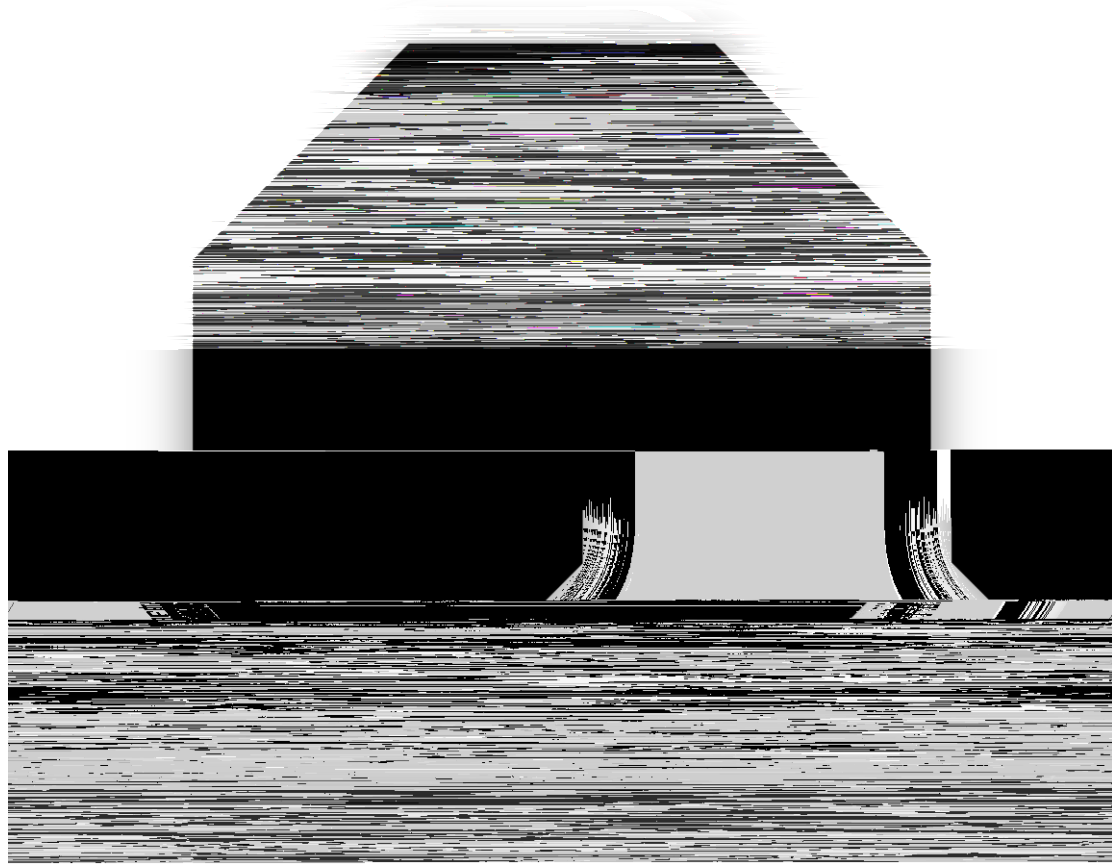
Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
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Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
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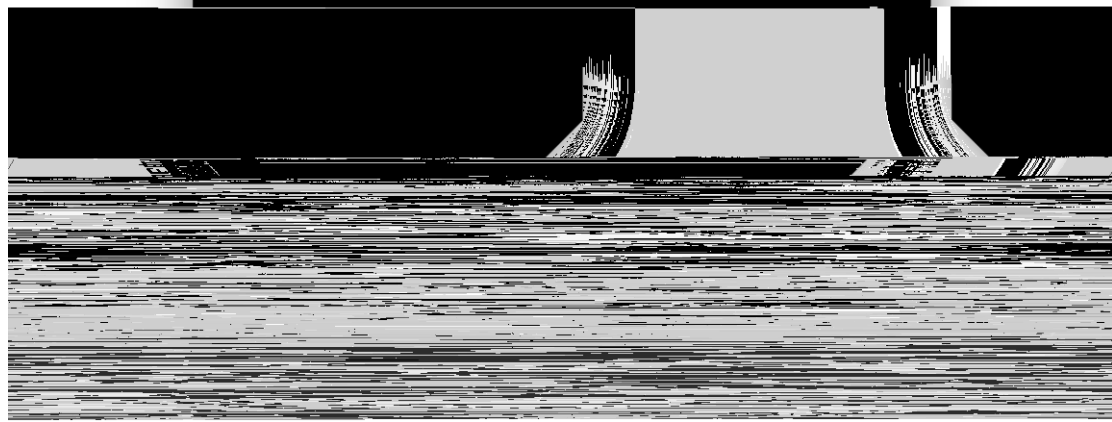
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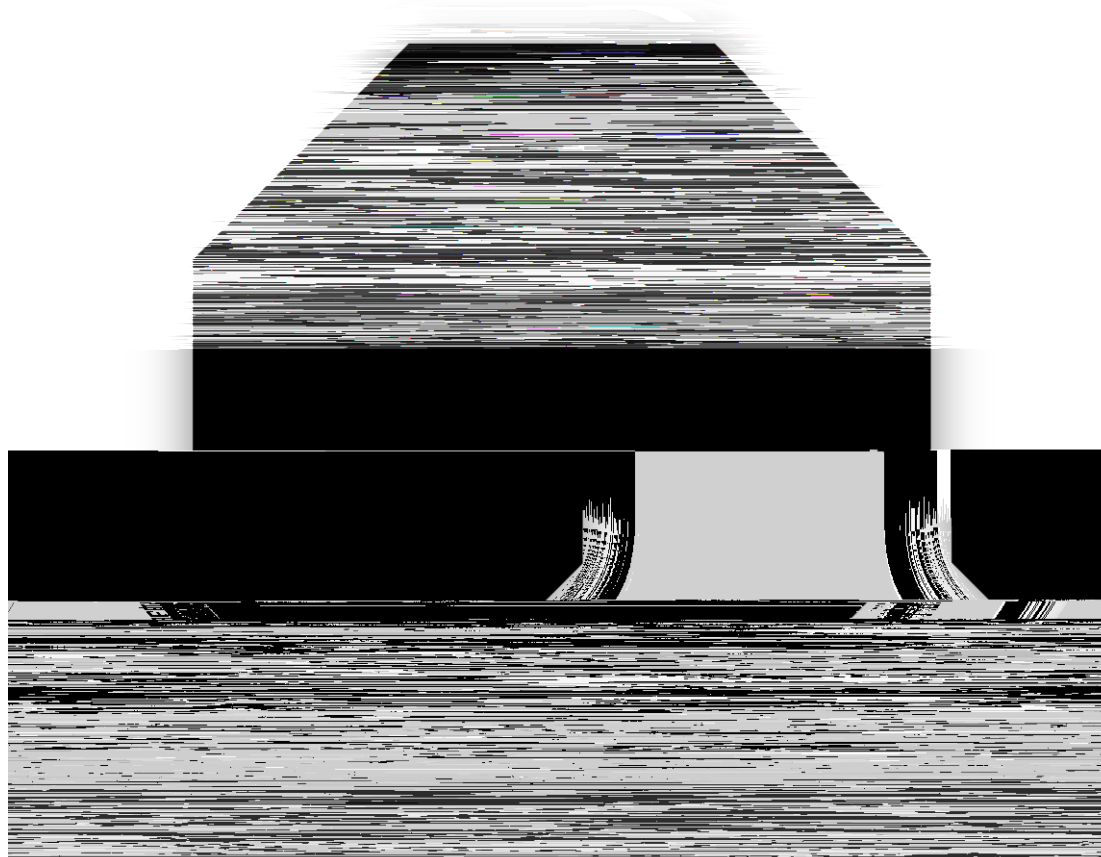
Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
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Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
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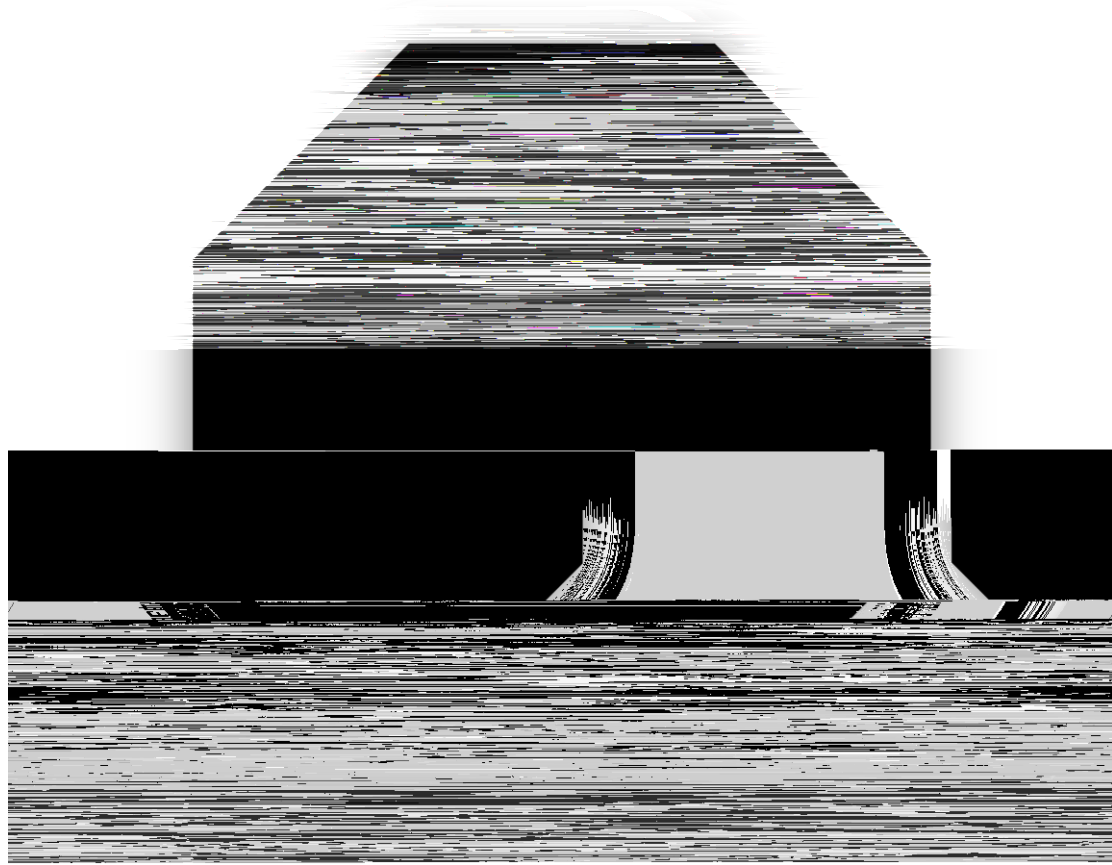
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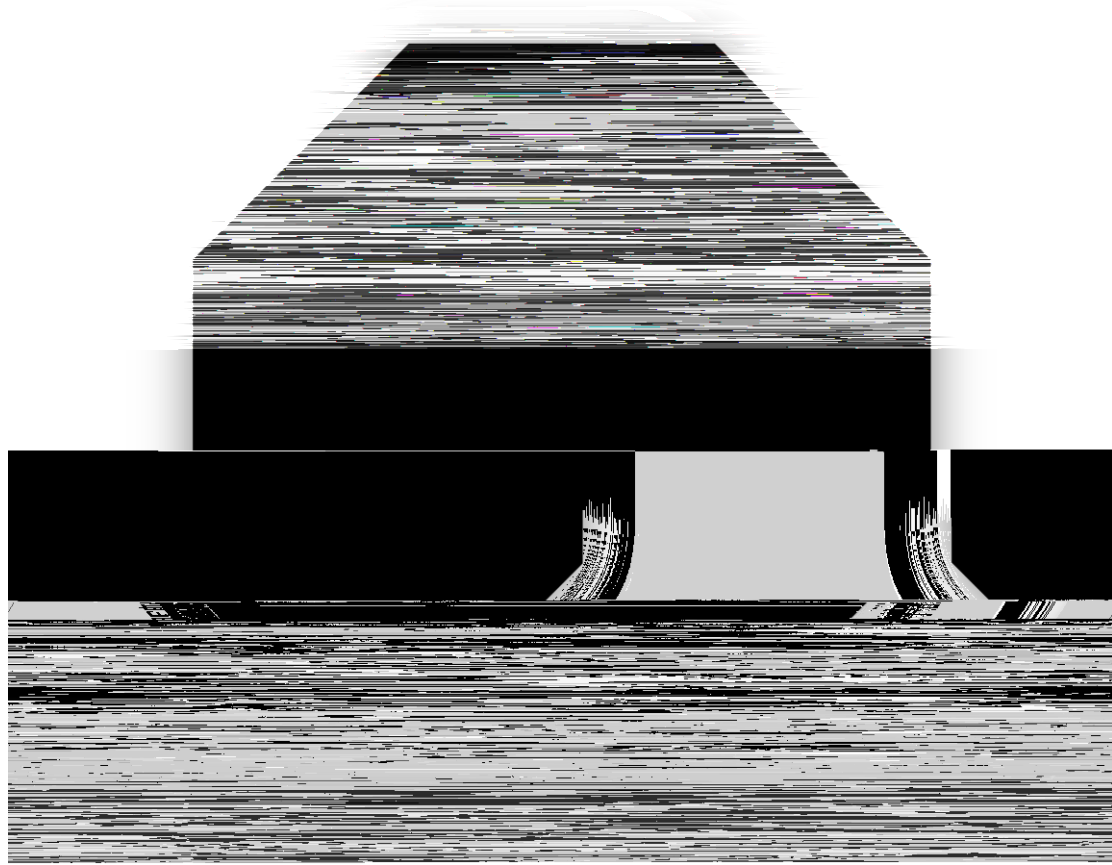
Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor
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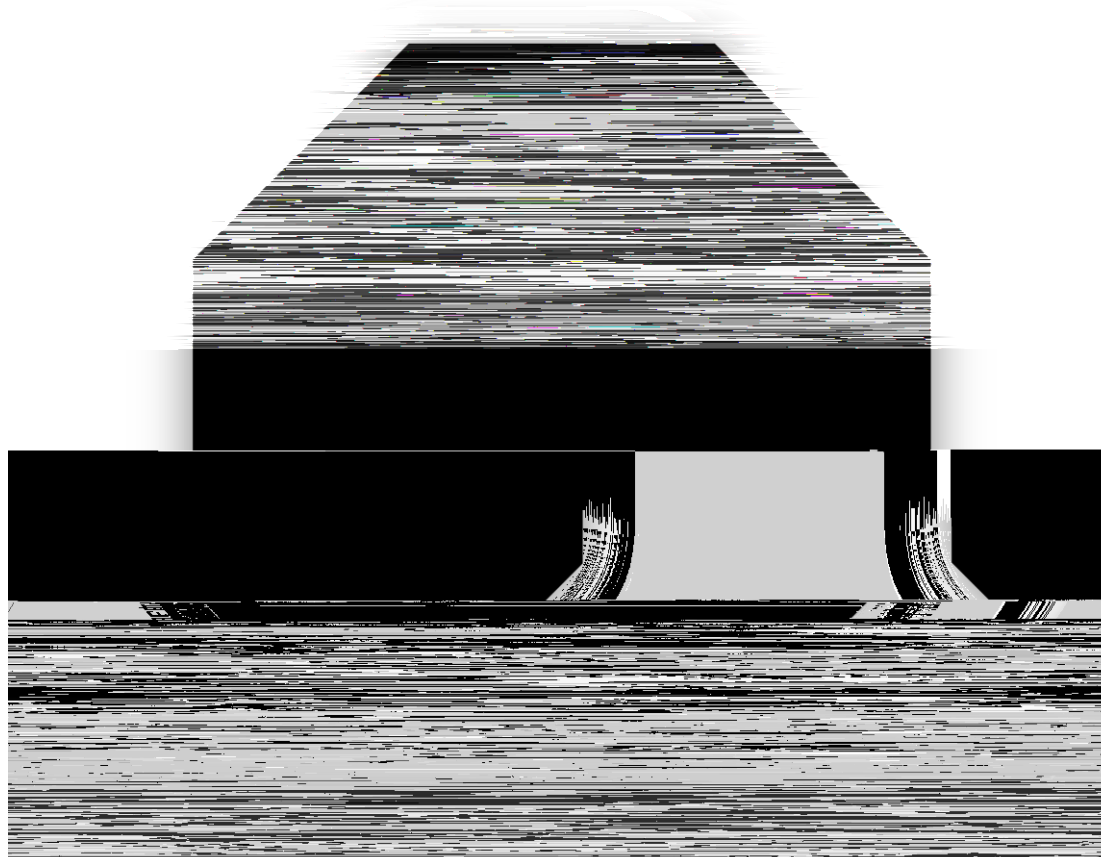
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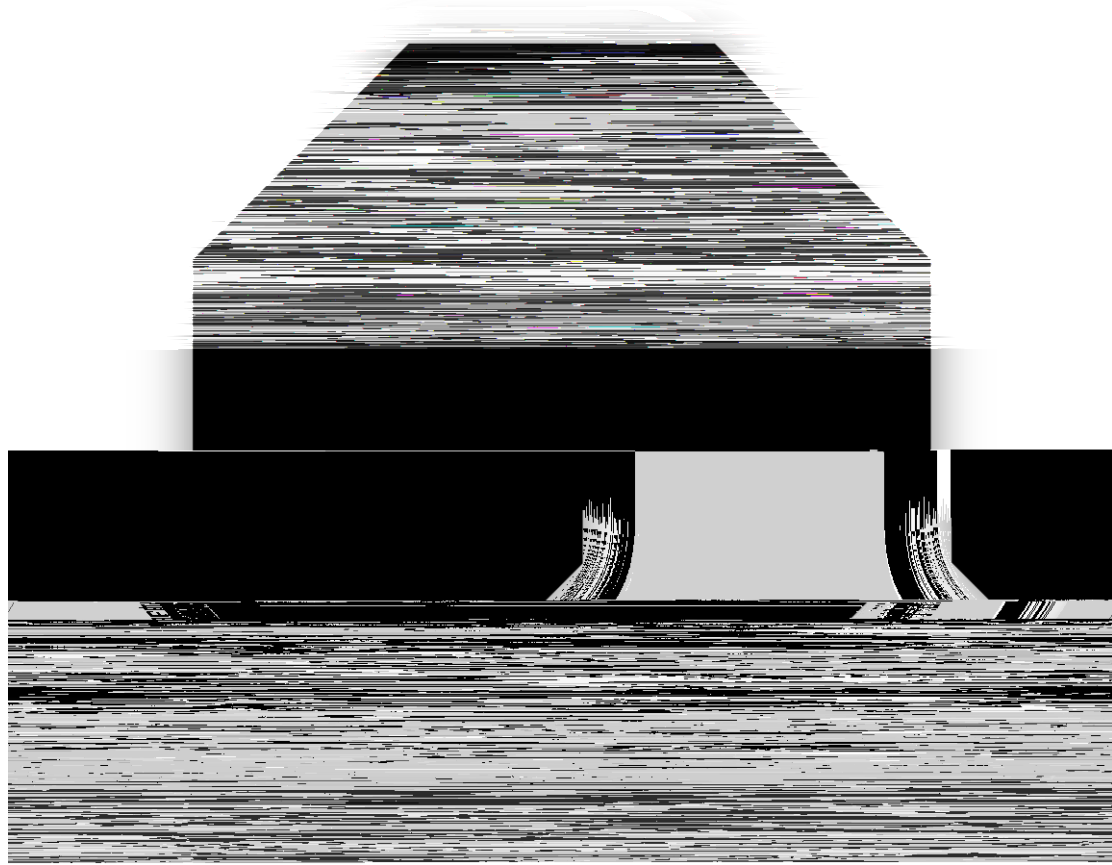
Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	
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Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)	
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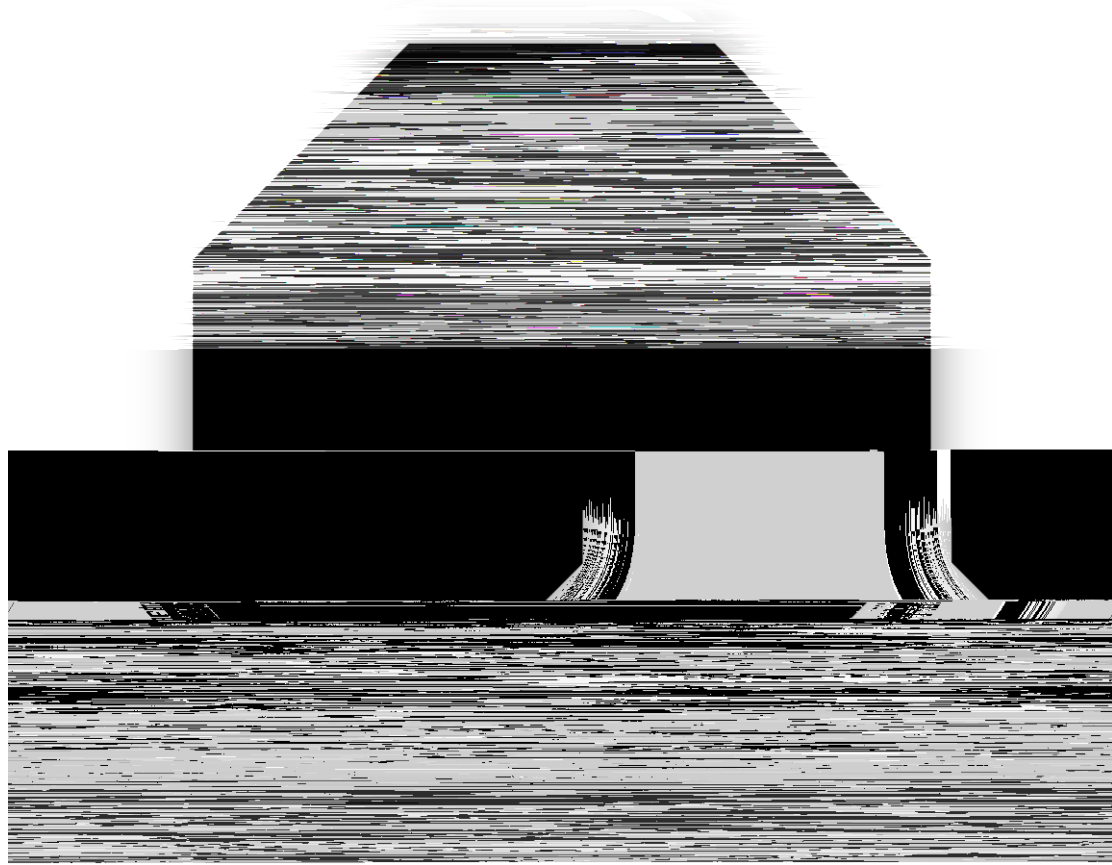
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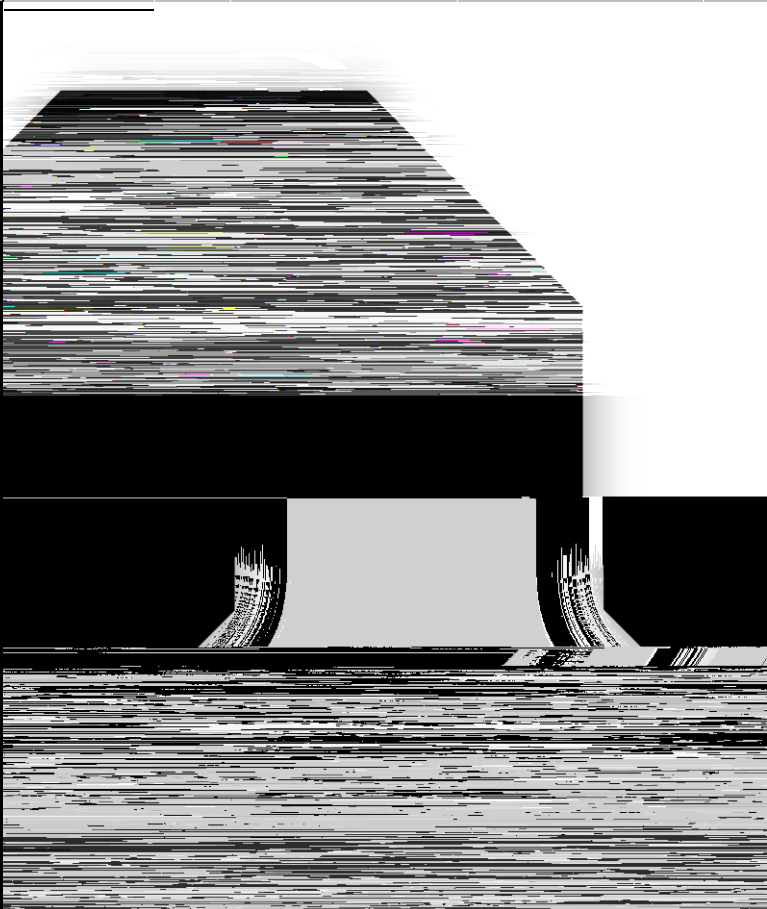
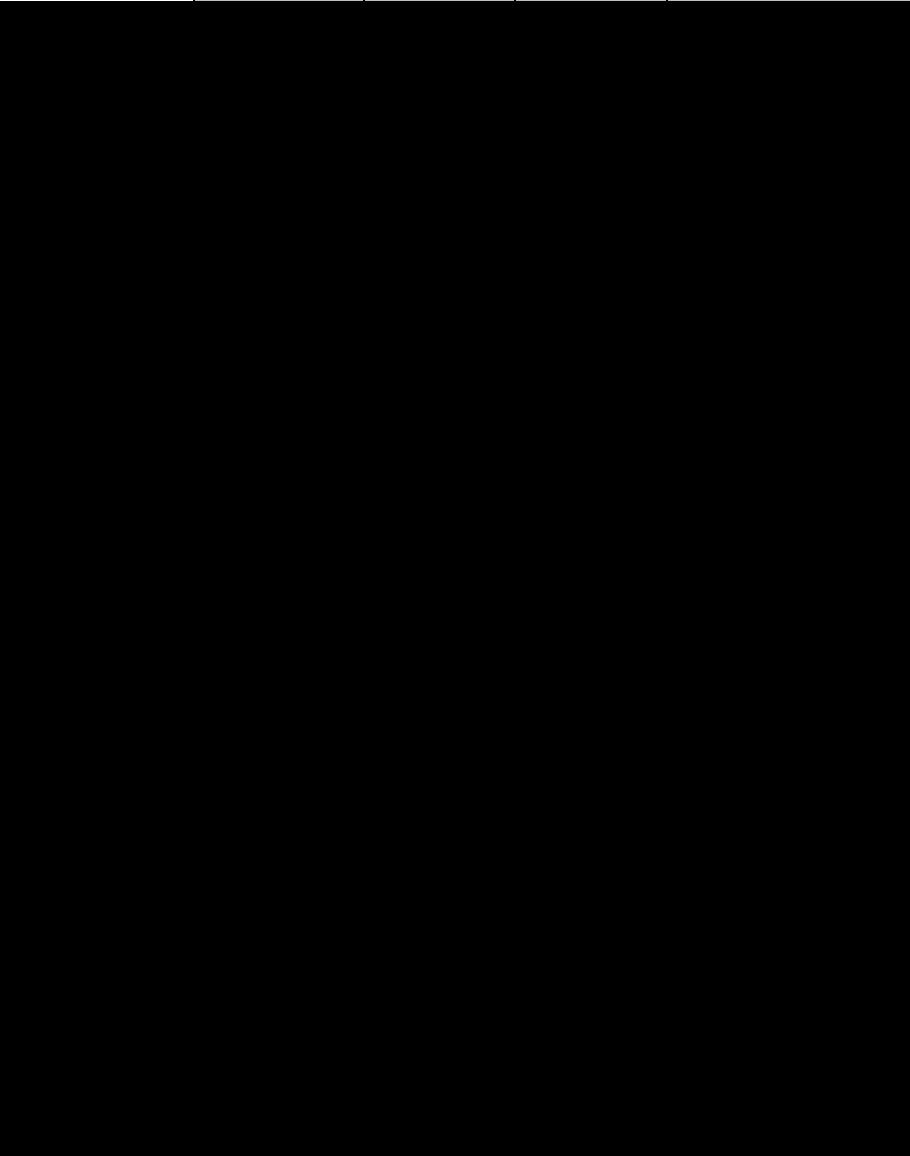
Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
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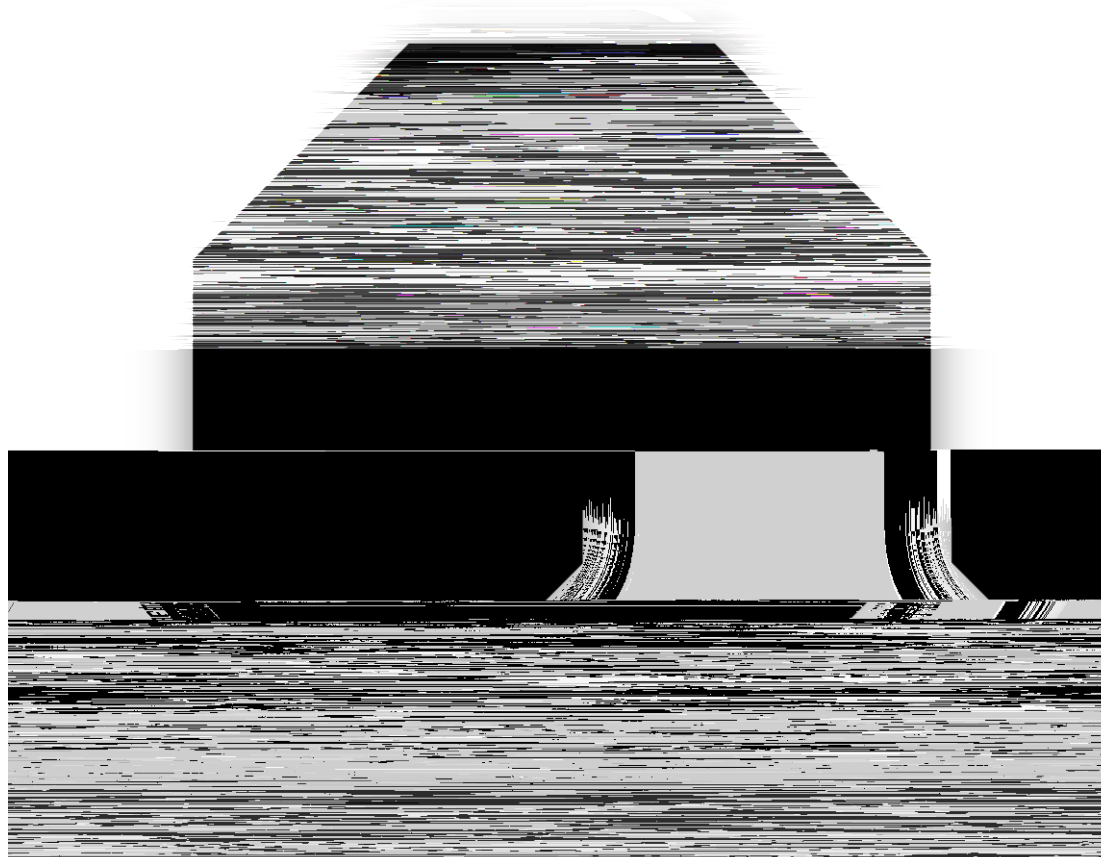
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Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
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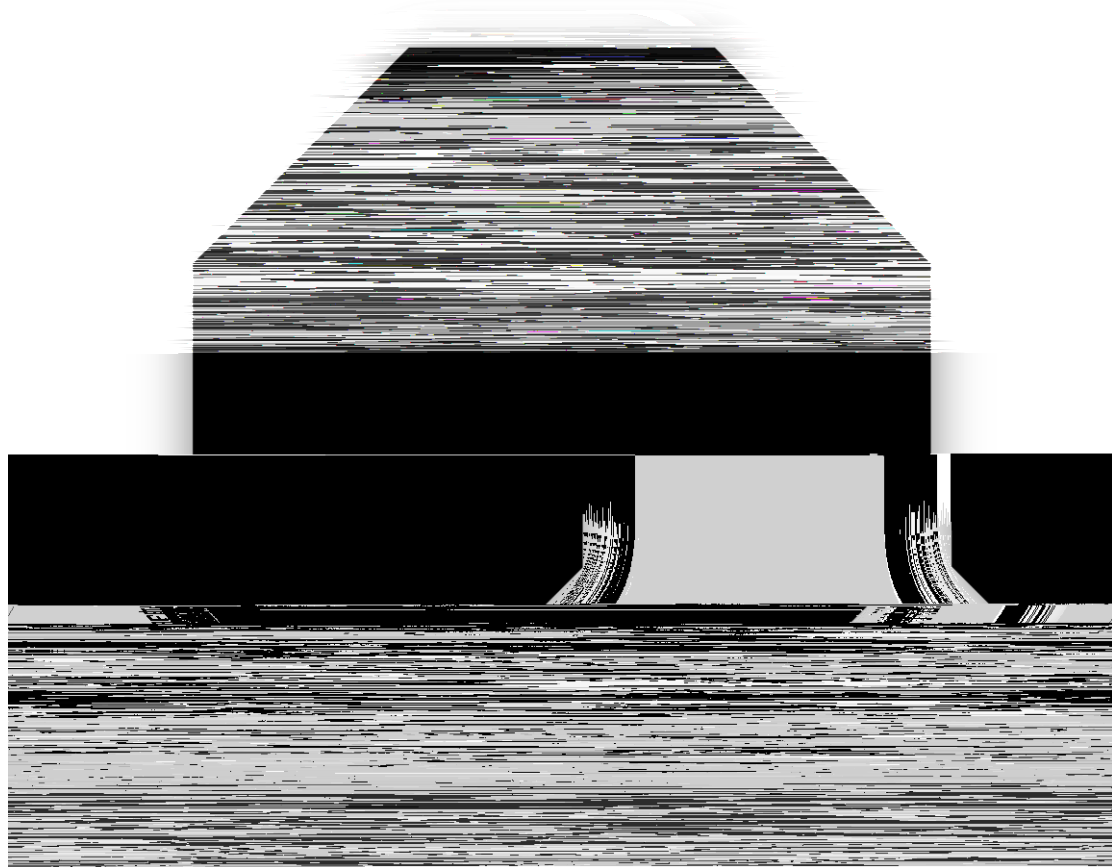




Global warming potential

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Gas name	Types of greenhouse gases involved in the verification process	Global warming potential
Carbon dioxide	ÔU ₆	F
Methane	ÔP ₁	G Ī Ī J
Nitrous oxide	Þ ₆ U	G Ī H





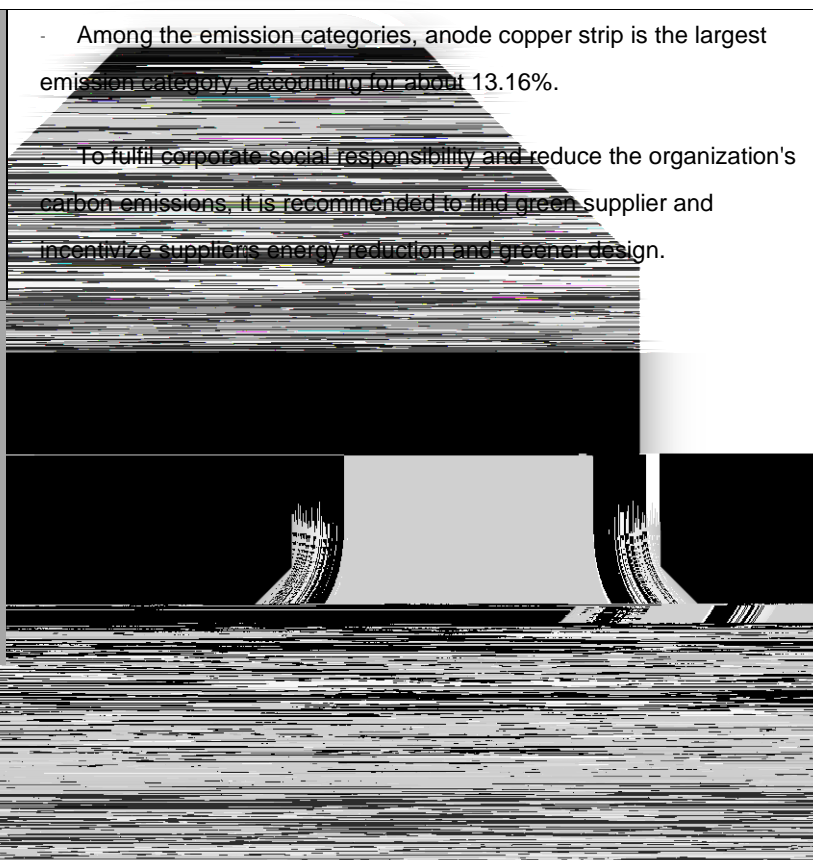
Anthropogenic biogenic CO₂ emissions	€€€€€	€€€€€	€€€€€	€€€€€	€€€€€	€€€€€	€€€€€
Anthropogenic biogenic other GHG emissions	î î è ì ì JH	€€€€€	€€€€€	€€€€€	€€€€€	€€€€€	î î è ì ì JH
Total	FJÍÈHÍÍÎ	Ï Ì Ì HÈ€ÌGÏ	GHI Í FÈ€F J	IHGÍHÎÈGÍ IF	HÍ Í Í Í ÈFHG F	€€€€€	IJJGFFÈ€H ìí

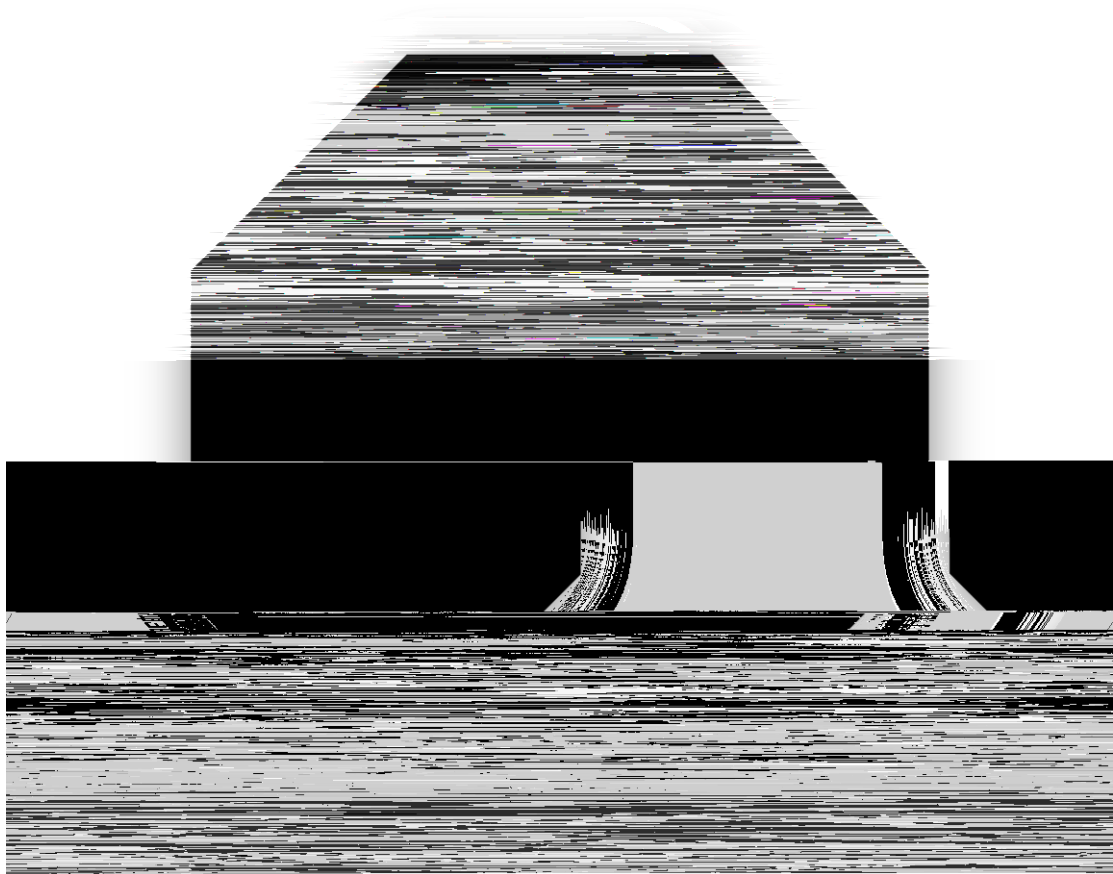
GHG emission analysis

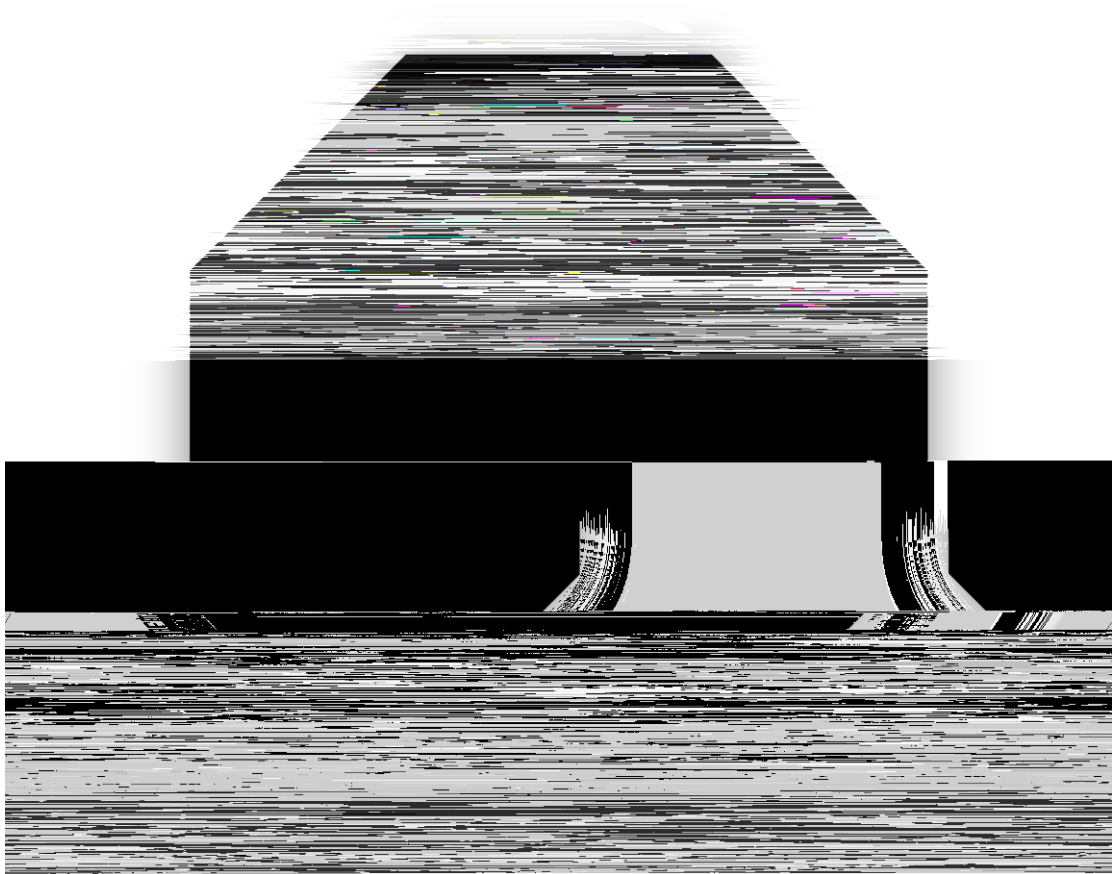
Analysis of emissions of different categories of emission sources

- Among the emission categories, anode copper strip is the largest emission category, accounting for about 13.16%.
 To fulfil corporate social responsibility and reduce the organization's carbon emissions, it is recommended to find green supplier and incentivize supplier's energy reduction and greener design.

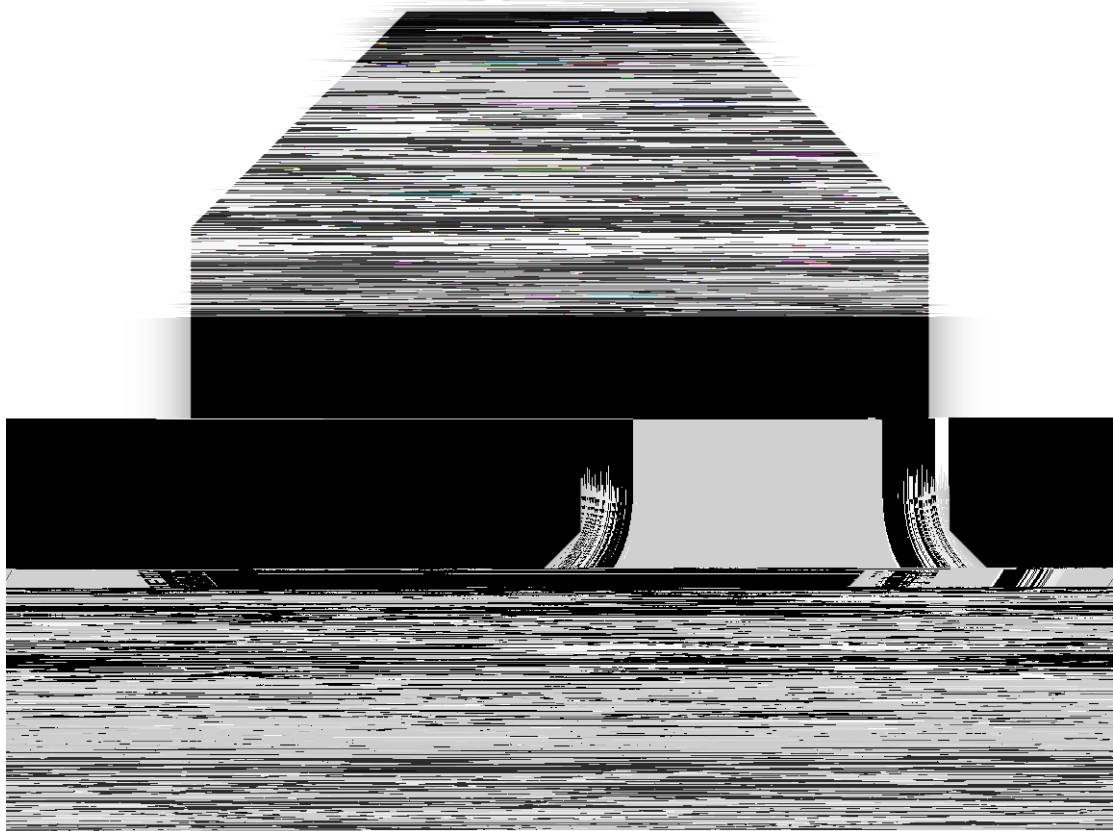
Analysis on emissions of different greenhouse gmET@424

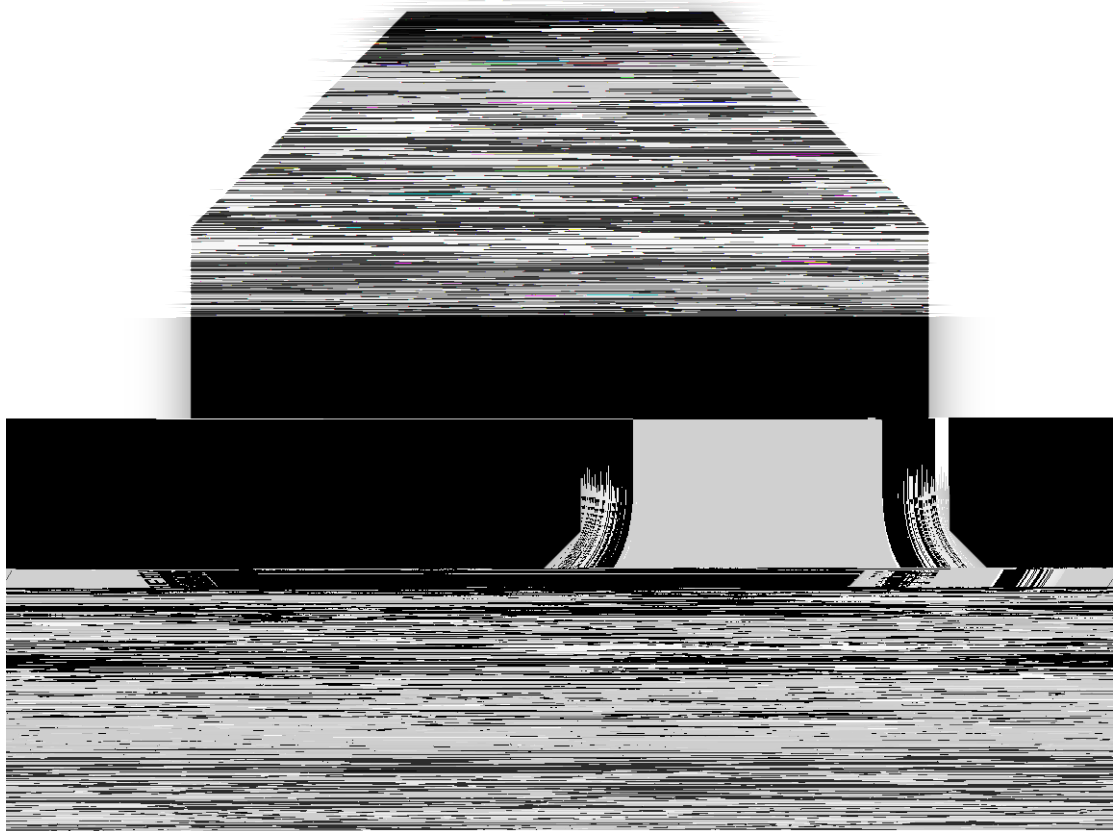




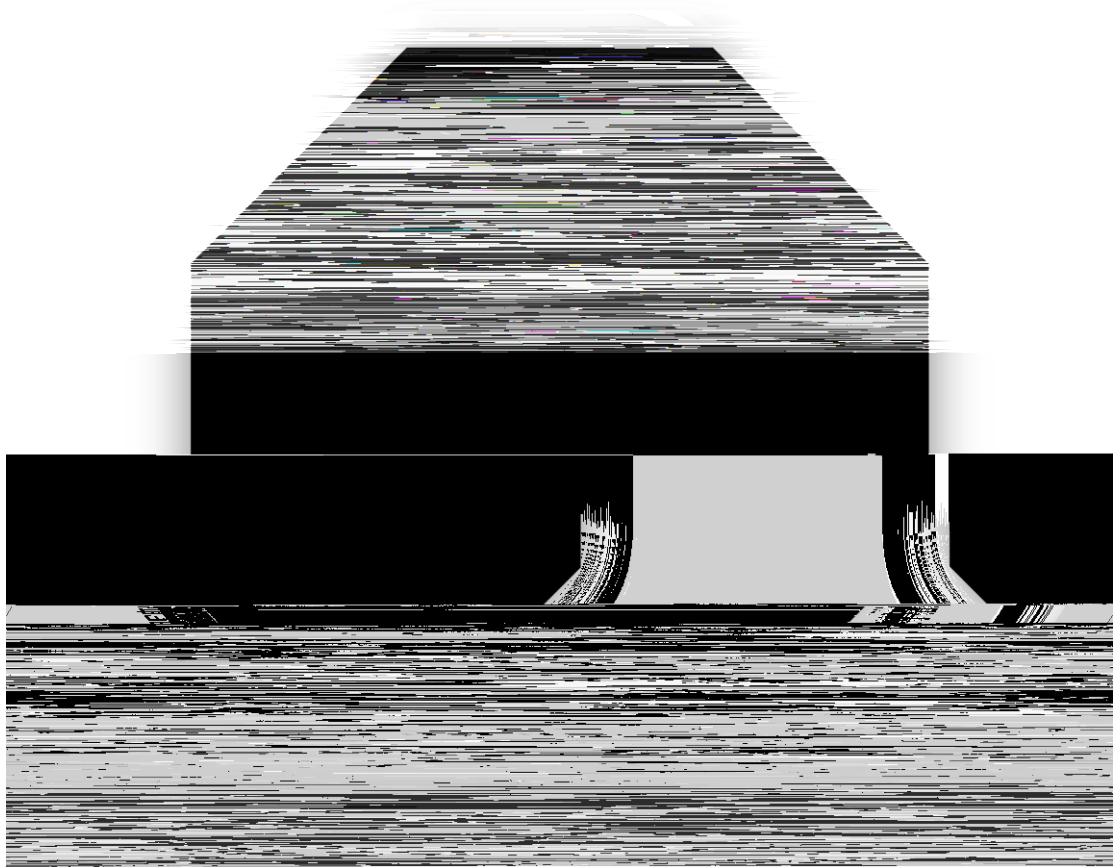


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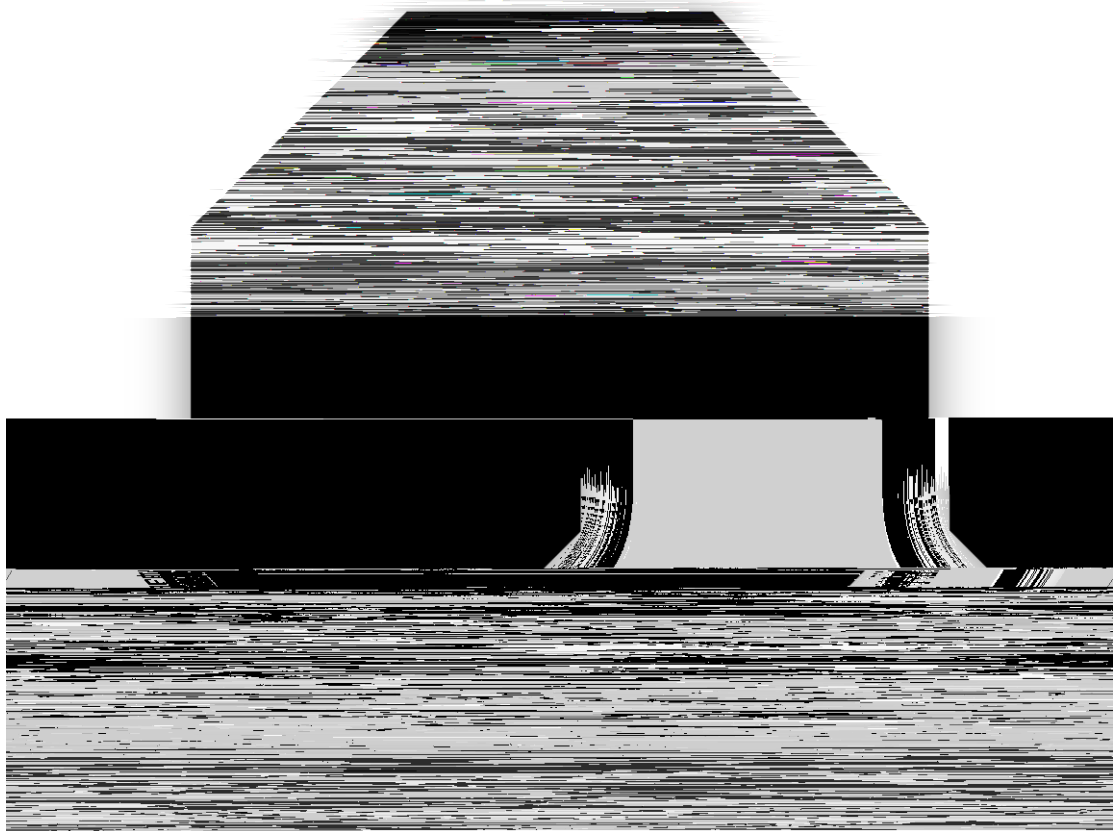




No.	Emission Categories	Facilities	Activity
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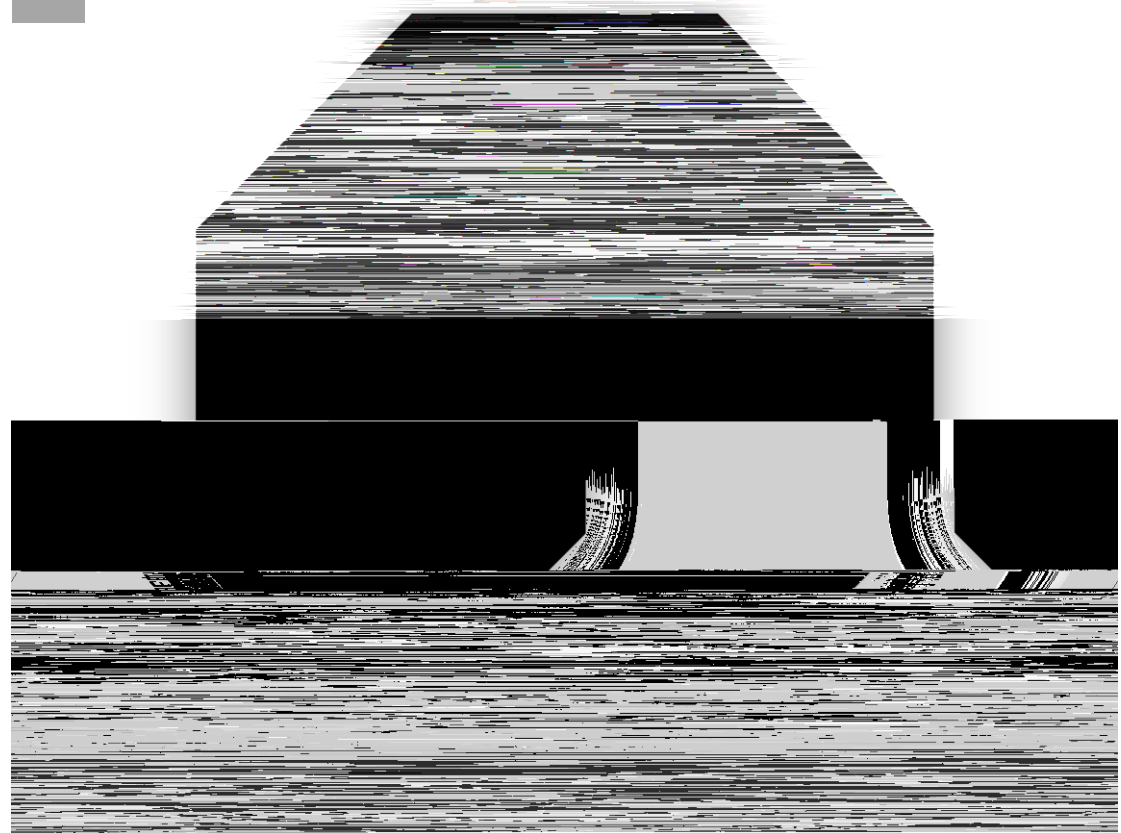


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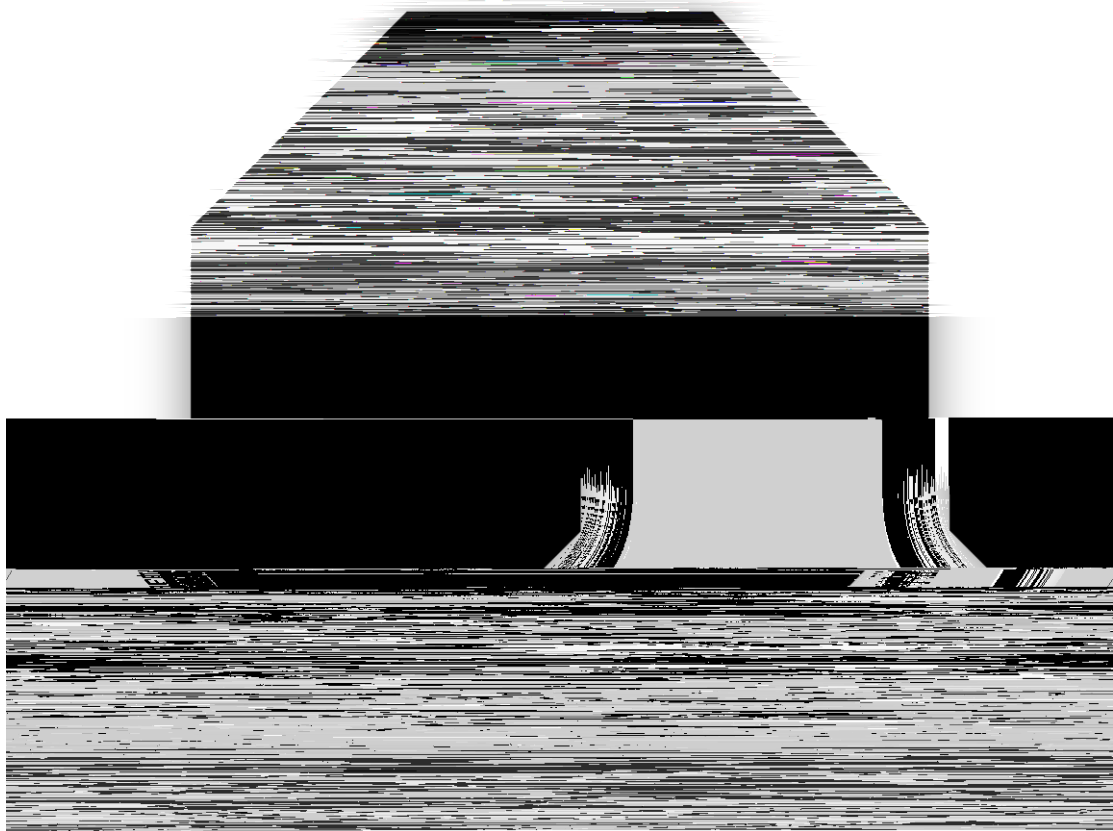


No.	Emission categories	Facilities	Activity data categories	Emission factor categories	Instrument calibration categories	Average score	Total emission (tCO ₂ e)	Emission proportion	Weighted average score
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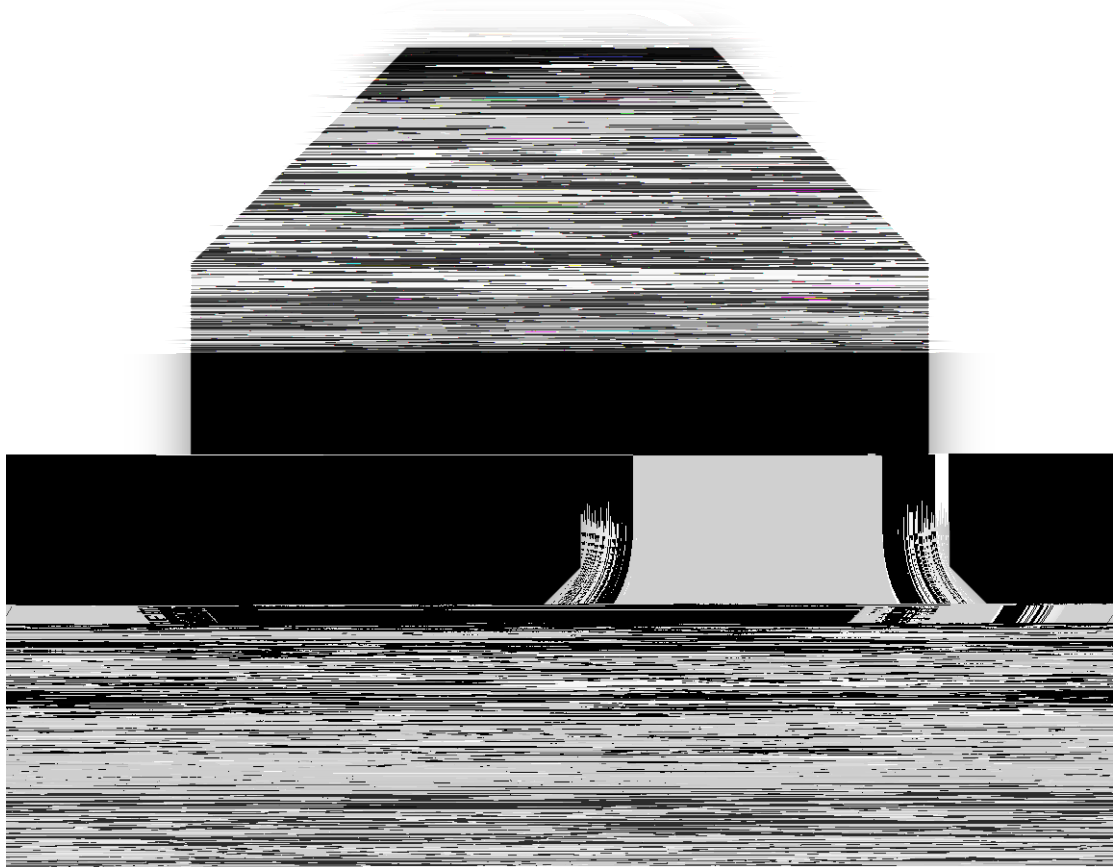
U!*æ}ä:æcà[.]æ|ÁÕPÕÁX^!ä-ä&æcà[.]ÁÜ^][!cÁQÙUÁF!€!ÉFKG€F!ÁÔPœÜ
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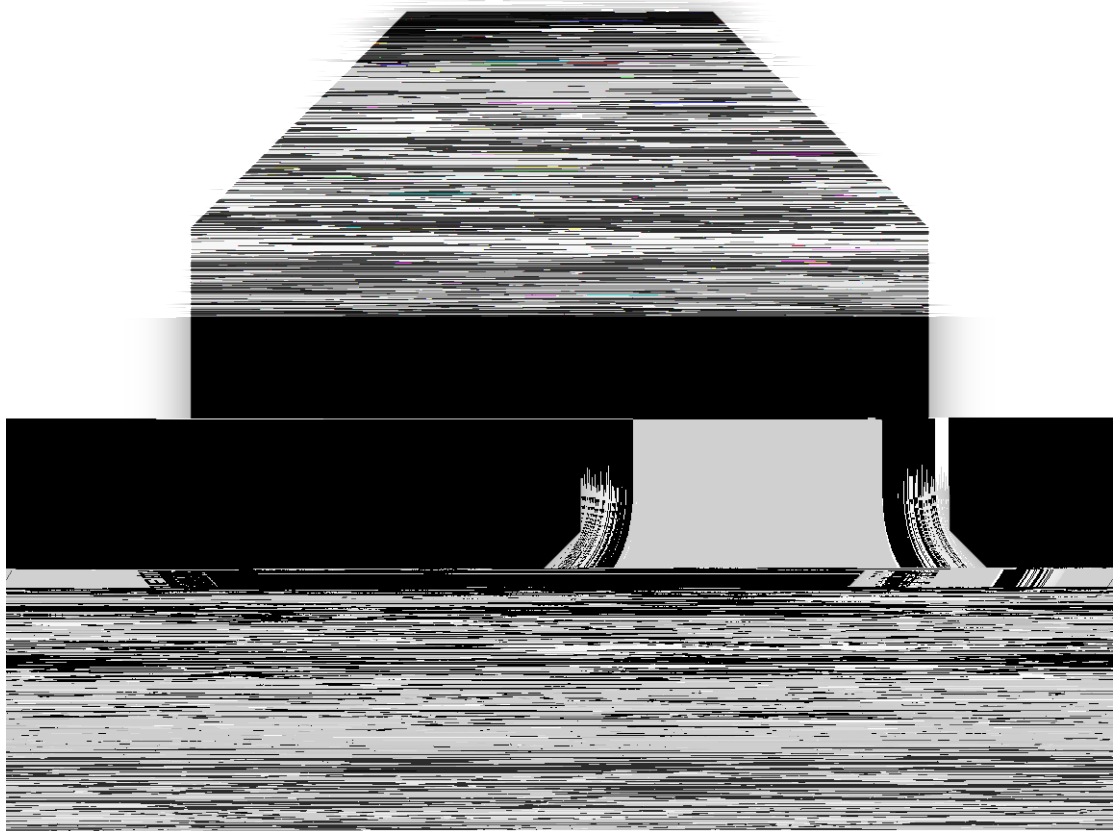


No.	Emission categories	Facilities	Activity data categories	Emission factor categories	Instrument calibration categories	Average score	Total emission (tCO ₂ e)	Emission proportion	Weighted average score
75	Ú~!&@æ•^ãÁ !æ, Á {æc^!æe}	U]çâ&æ -iã^!	H	F	H	GÈHH	HJÈÎÎGJÁ	€€FÃ	€€€€G
76	Ú~!&@æ•^ãÁ !æ, Á {æc^!æe}	Ôæ!à[] ã! [çã^	H	F	H	GÈHH	I€€GGIÁ	€€FÃ	€€€€G
77	Ú~!&@æ•^ãÁ !æ, Á {æc^!æe}	Ûj!â[]]! [ã~&c	H	F	H	GÈHH	€ÈF€ÎÁ	€€€Ã	€€€€€
78	Ú~!&@æ•^ãÁ !æ, Á {æc^!æe}	I&æ•c!z	H	F	H	GÈHH	JÈIITIA	€€€Ã	€€€€€
79	Ú~!&@æ•^ãÁ !æ, Á							€€FÃ	€€€€G
80						GÈHH	F€FJÈÍÈ GÁ		
81	Ú~!&@æ•^ãÁ !æ, Á {æc^!æe}	Ôæ^!çæ•	H	F	H	GÈHH	IÈÈÈÈ	€€€Ã	€€€€€
82	Ú~!&@æ•^ãÁ !æ, Á {æc^!æe}	Ôæ••! {æc^!æe}	H	F	H	GÈHH	€€FIIH	€€€Ã	€€€€€
83	Ú~!&@æ•^ãÁ !æ, Á {æc^!æe}	Ó!æ••Á]! [ã~&c	H	F	H	GÈHH	îîîîÈ!îî îÁ	FÈHÏÃ	€€ÈHG€
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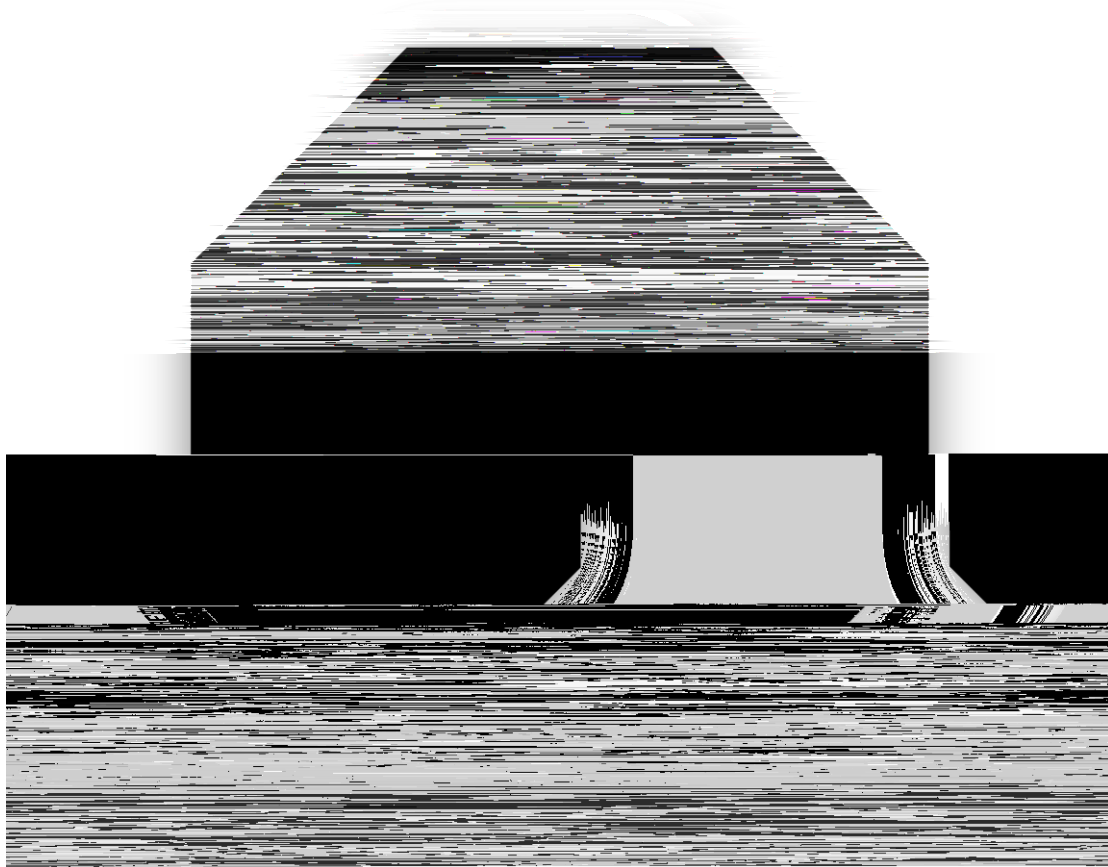
No.	Emissio n Facilitie categori s es	Activity
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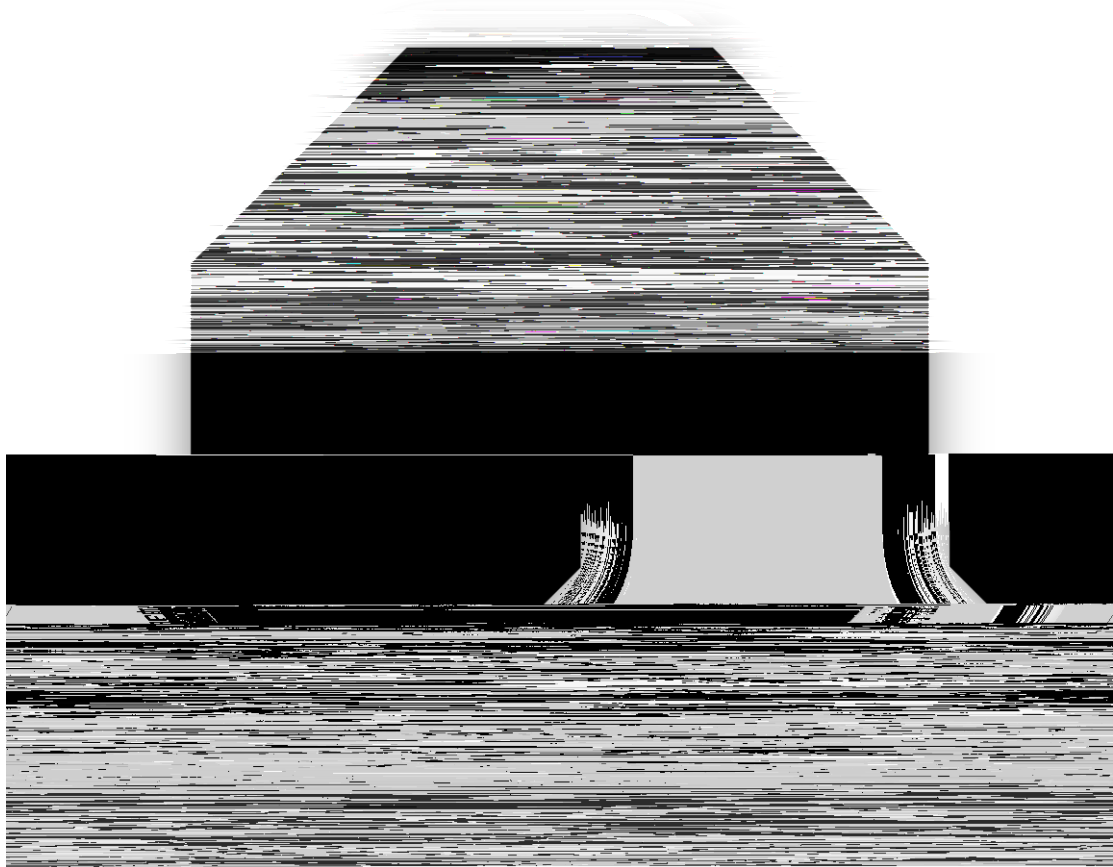
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Ü^] [!cÁP [ÈKA



No.	Emission Facilities categories	Activity data categories	Emission factor categories	Instrum ent calibrati on categori es	Average score	Total emissio n (tCO ₂ e)	Emission proportio n
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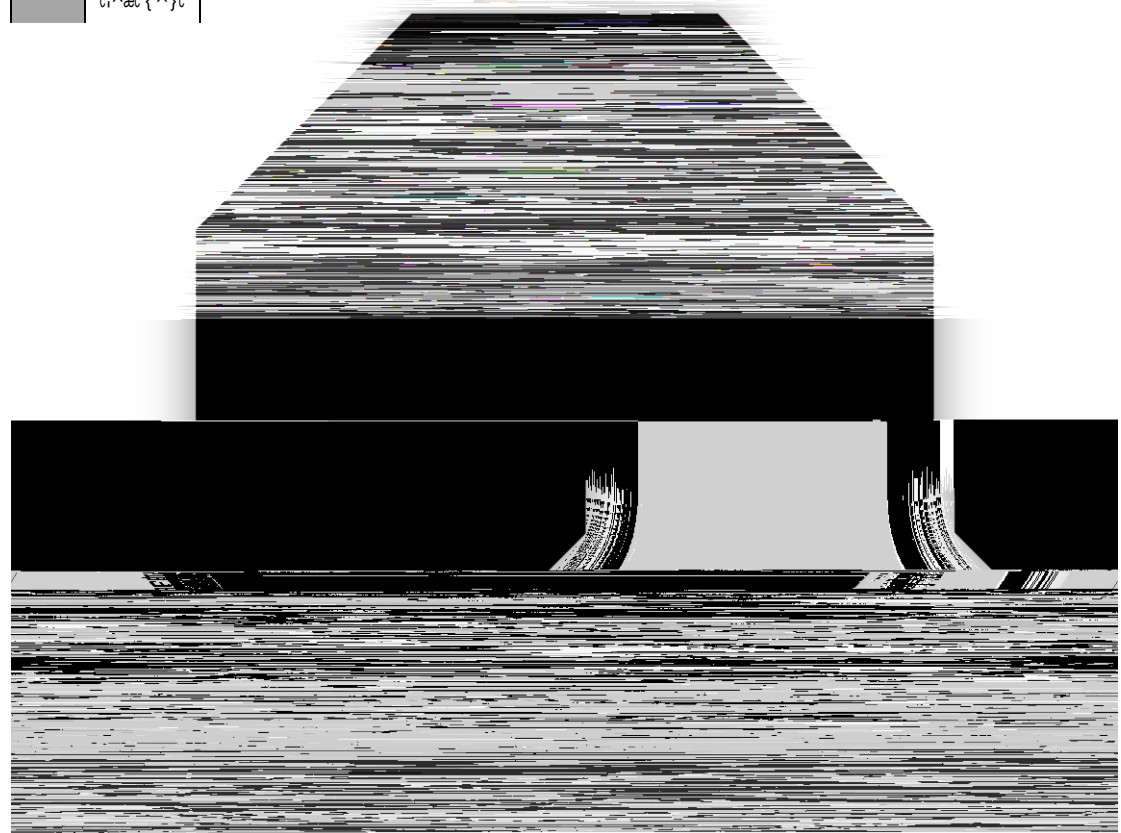


No.	Emission categories	Facilities	Activity data categories	Emission factor categories	Instrument calibration categories	Average score	Total emission (tCO ₂ e)	Emission proportion	Weighted average score
118									





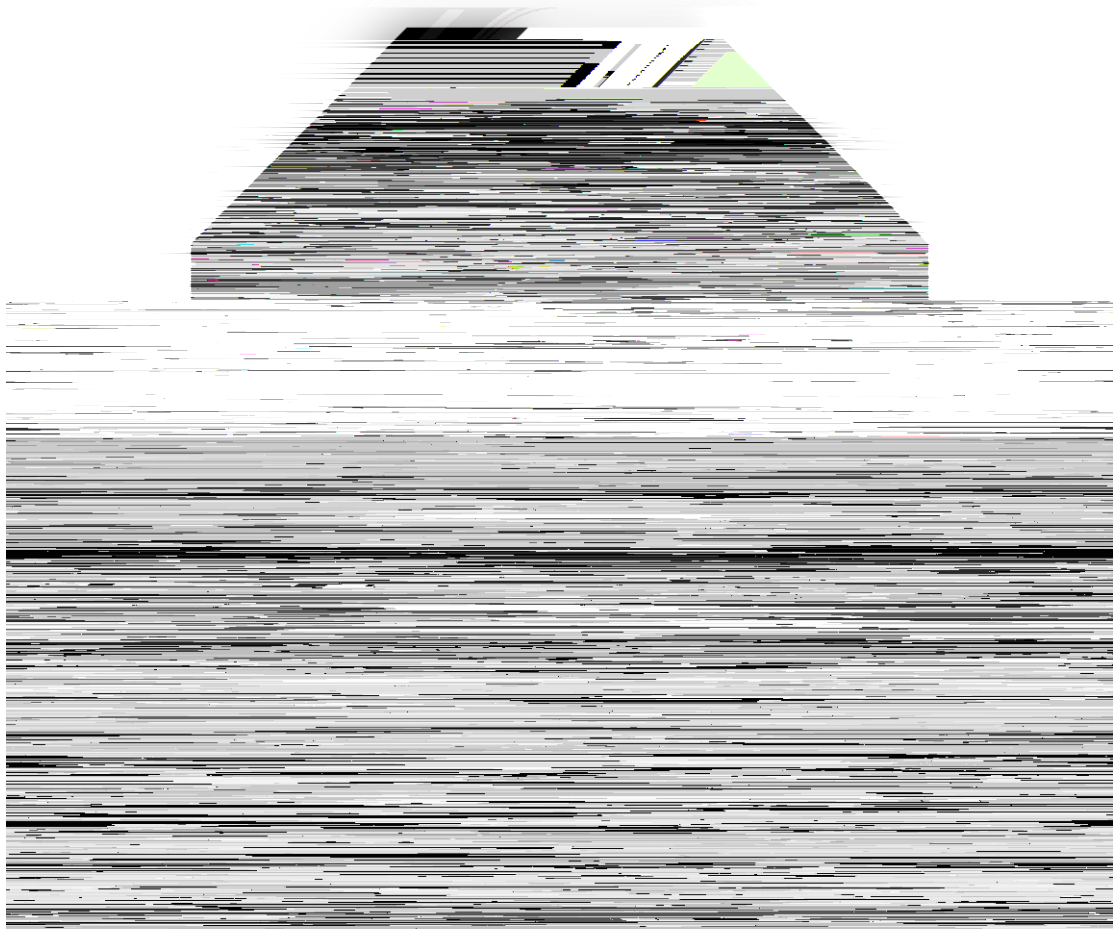
No.	Emission categories	Facilities	Activity data categories	Emission factor categories	Instrument calibration categories	Average score	Total emission (tCO ₂ e)	Emission proportion	Weighted average score
129	Ü [!ãã æ•c^Á c/^æc { ^ }c	Ôæã ^Á c/^æc { ^ }c	H	F	H	GÈHH	GììÈFììÁ	€€ìÃ	€€€FH
130	Ü [!ãã æ•c^Á c/^æc { ^ }c	Üc^Á !^&^ ^	H	F	H	GÈHH	€€€€€Á	€€€Ã	€€€€€



No.	Emission Categories	Facilities	Activity data categories	Emission factor categories	Instrum
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U! *æ} ä : æcà [} æ|ÁÕPÕÁX^!ä-ä&æcà [} ÁÜ^] [!cÁQÙUÁF I € Î I ÈFKG€F I ÁÔPœÜ
Ü^] [!cÁP [ÈKÁ Î € I F € G Í € F H F J Á Ü ^ ç € F





uncertainty analysis	<p>- V@!^Á-æ&c [!ÉÁ } æ { ^!^æ&cãçã^Á ^ç^!ÁææÉÁ^ { ä•ä [] Á-æ&c [!Áæ } á& [!!^&cã [] Á ^ç^!ÉÁ , ^!^Á ^çæ ~æc^áÉÁ</p> <p>É CE&cãçãç^Á ^ç^!ÁææcãÁ , äcÁ [! , Áæ&&~!æ&^Á ^ç^!Áæ } & ~á^Á^ { } [! ^Á& [{ { ~cã } *ÉÁ•^ } cã&Á cæ } \Áæ } áÁ [c@^!ÁææcãÉV@^!^• [] • äà ^Á } æ!c^Á•@ [! áÁ [äcã } Áæ&cãçãç^Á ^ç^!ÁææcãÁ^Á { ^æ~!^Á { ^c@ [äÁæ•Á-æ!Áæ•Á [] • äà ^Áç [Áá { }] !ç^!ÁææcãÁæ&&~!æ&^Á~ } ä^!Ác@^Á & [] ääcã [] Á [-Áç^&@ } ä&æ ^Á-^æ• ää äç^Áæ } ä!^æ• [] æà ^Á& [•cÉ</p> <p>É V@^Á [! , ^!Á ^ç^!Á [-Áæ&&~!æ&^Á-^Á { ä•ä [] Á-æ&c [!ÁææcãÁá•Ác@^!ÁææcãÁ-! [{ Á } ~!&æ•^Áá !æ , Á { æc^!æ ÉÁ• [!áÁ , æ•c^!Áç^!æc { ^ } cÉÁ~ } •c!^æ { ÁBÁá [, } •c!^æ { Á { æc^!æ Á c!æ } • [!cæcã [] ÉÁ] ! [ä~&ááá] [•æ Áæ } áÁ [c@^!ÁææcãÉÁçãá•Á• **^c^!Ááç@æcã@^Á !^• [] • äà ^Á } æ!c^Áæá [] çãc@^!Áá^c^&cã [] Á { ^c@ [äÁ- [!Á&@æ!æ&c^!á•cã&Á^ { ä•ä [] Á-æ&c [!^Áç [Á [äcã } ÁæÁ@á•@^!Á ^ç^!Á [-ÁææcãÁæ&&~!æ&^É</p> <p>É Ü^• [] • äà ^Á } æ!c^Áá•Áæ!^Áæáçã•^áç [Áá] & [!] !æc^Á&æ ä!æcã [] Á-Á { [] äc [!á } *Á ^~ä [] { ^ } çãá } ç [!ç] *!æá [] !æ&cãçãç^Á ^ç^!Áææcã</p>
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Material discrepancy	<p>CE-c^!Áç^!á-ã&æcã [] Éç@^!ç [çã Á^!^Á] @ [!^Á•æ•^Á { ä•ä [] •á [-Áç^!Á^•] [] • äà ^Á } æ!c^Áá ä } ÁGEGÍÉ€É€Fdg€GÍÉFGHfÁ , ^!^Á!JjGffÉÉHÍ!ÁçÖUç^!Áæ } áçc@^!^Á { ä•ä [] •Á^ [] !c^!Áá^Áç@^!^Á^•@ [~•Á *æ•Áá } ç^ } c [!^Á , ^!^Á!JjGffÉÉHÍ!ÁçÖUç^!ÁæV@^!^• [!Áç@^!^Á { æc^!æ Áá^çæcã [] Á& æã { ^Áá^Áç@^!^Á^• } [] • äà ^Á] æ!c^Áá , äc@á } Áç@^!^Á { æc^!æ Áç@^!^Á•@ [!áÁ [-Áç^!á-ã&æcã []] É</p>
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3.3. Assessment of changes from prior period

The reporting boundary in 2023 from the responsible party is category 1 and category 2, and the organizational boundary in 2023 from the responsible party is No 105 Qixin Road, Economic & VA&@) [] [!&æ|Öç^! [] (^) ç [] ^É!Bæ } c [] *!Ríæ } *• ÁU [ç] &^ÁUÖUÜSÖ,ÜUÖUÜWÖS,ÖUÖUÖPÖBÖ. The reporting boundary in 2024 from the responsible party is category 1-6, and the organizational boundary in 2024 from the responsible party is No 105 Qixin Road, Economic & Technological Development Zone, Nantong, Jiangsu Province, PEÜSÖ,ÜUÖÜWÖS,ÖUÖUÖPÖBÖ,ÉÁ [ÁFÁVæ] &@ÁÜ [çã| PÁ^ [! V [] ÉÜ~á [] É!Bæ } c [] *!Ríæ } *• ÁU [ç] &^ÁUÖUÜSÖ,ÜUÖUÜWÖS,ÖUÖUÖPÖBÖ,ÉÁ (Second Floor of Office Ö~jãá } *ÁHÉAZ@ [] *çæ } ÁÜ) á • ç!æ|ÁUæ!ÉPÁ^ [ÁV [] ÉÜ~á [] É!Bæ } c [] *!Ríæ } *• ÁU [ç] &^ÁUÖUÜSÖ,ÜA REPUBLIC OF CHINA. As both the reporting boundary and organizational boundary were changed in 2024, the base year was adjusted to 2024-01-01~2024-12-31.

4. References

- 1) ISO 14064-1:2018 *Greenhouse gases* —



Verification team qualifications:

Team leader Johny Wang:

