
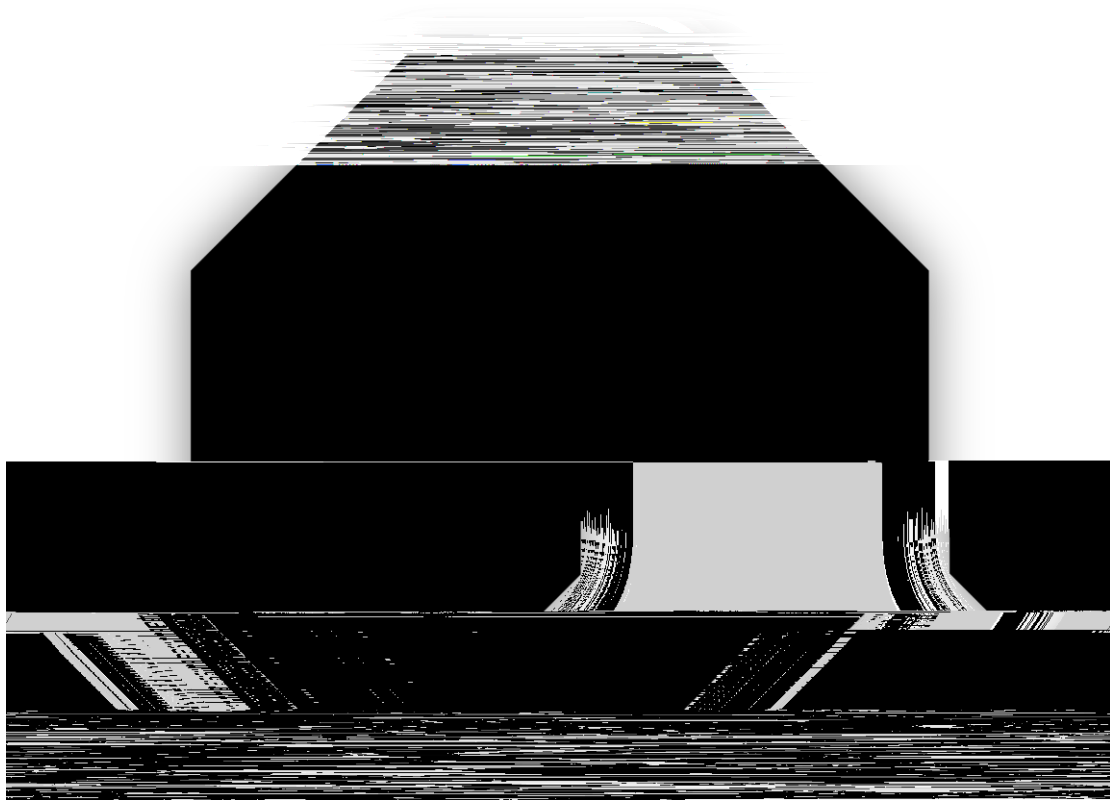


Table of Contents

1.	Summary	5
2.	Verification process	6
2.1.	Contents confirmed before verification	6
2.2.	Verification arrangement.....	8
2.3.	Document Review.....	9
2.4.	Site vi	10
3.	Verific	11
		
3.3.	Assessment of changes from prior period	109
4.	References	110

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 organization that the organization's reporting boundaries meet the requirements of the standard. The data provided is deemed reliable and no major discrepancy was identified.
Verification scope:	of an opinion
Member of the verification team:	
Observer:	Observers: /
(observers, interns/trainees, external assessors, etc.).....:	Interns / trainees: / External auditors: /

1. Summary

Background

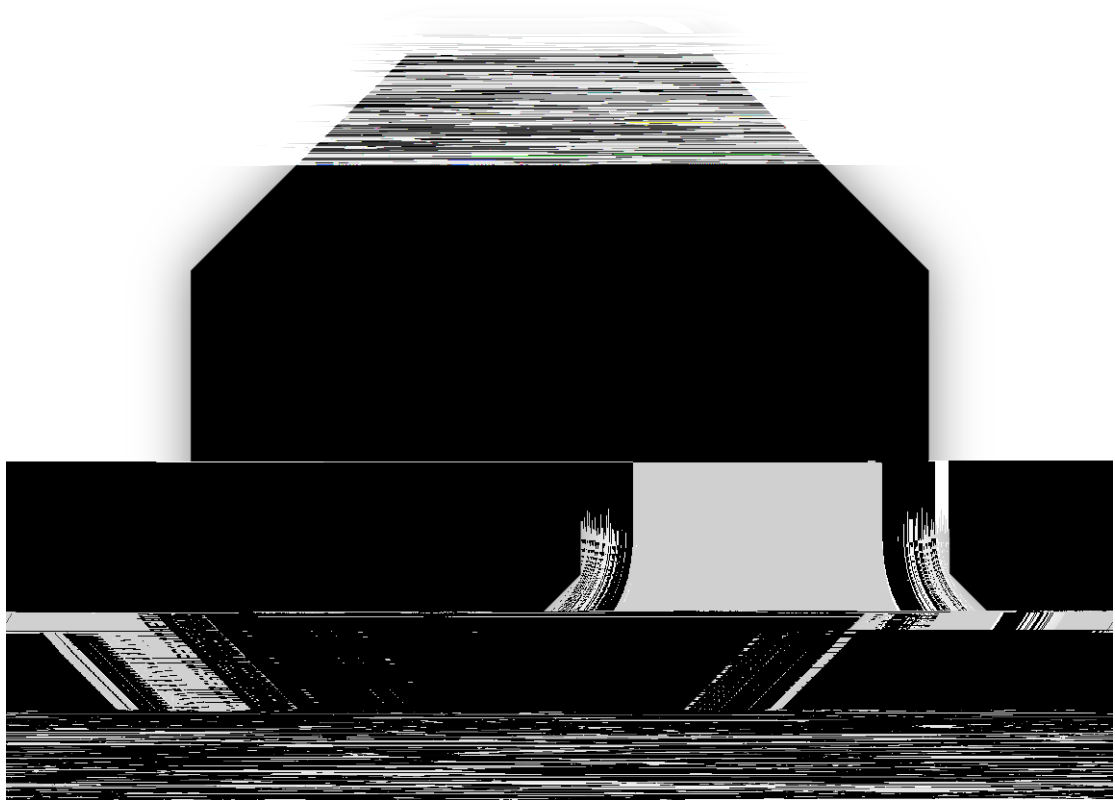
TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch (hereinafter referred to as TÜV SÜD) was commissioned by Zhongtian Radio Frequency Cable Co., Ltd. to verify GHG emission. Between 2025-02-17~2025-05-12, TÜV SÜD auditor Johny Wang and Tony Sun conducted the carbon verification activities 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 14064-3:2019.
- 2) GHG-



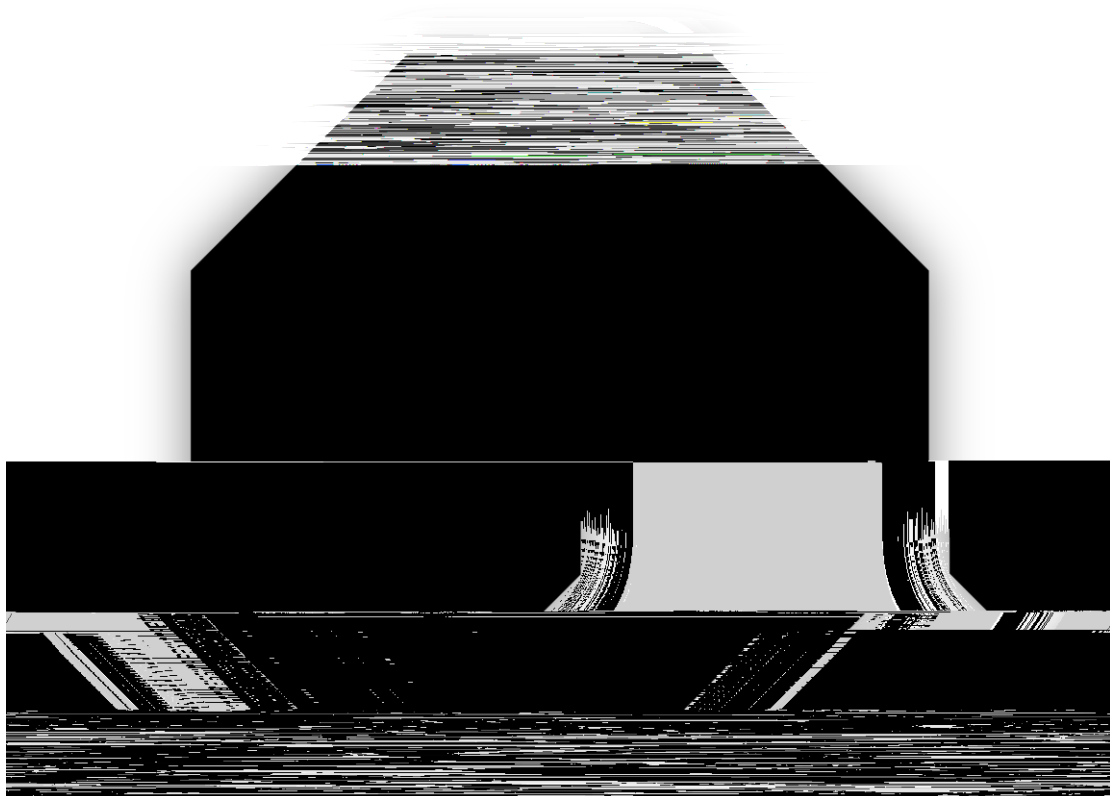




our commitment to the society and employees' health, safety and environment, and adhere to the resource-saving and environment-friendly road.

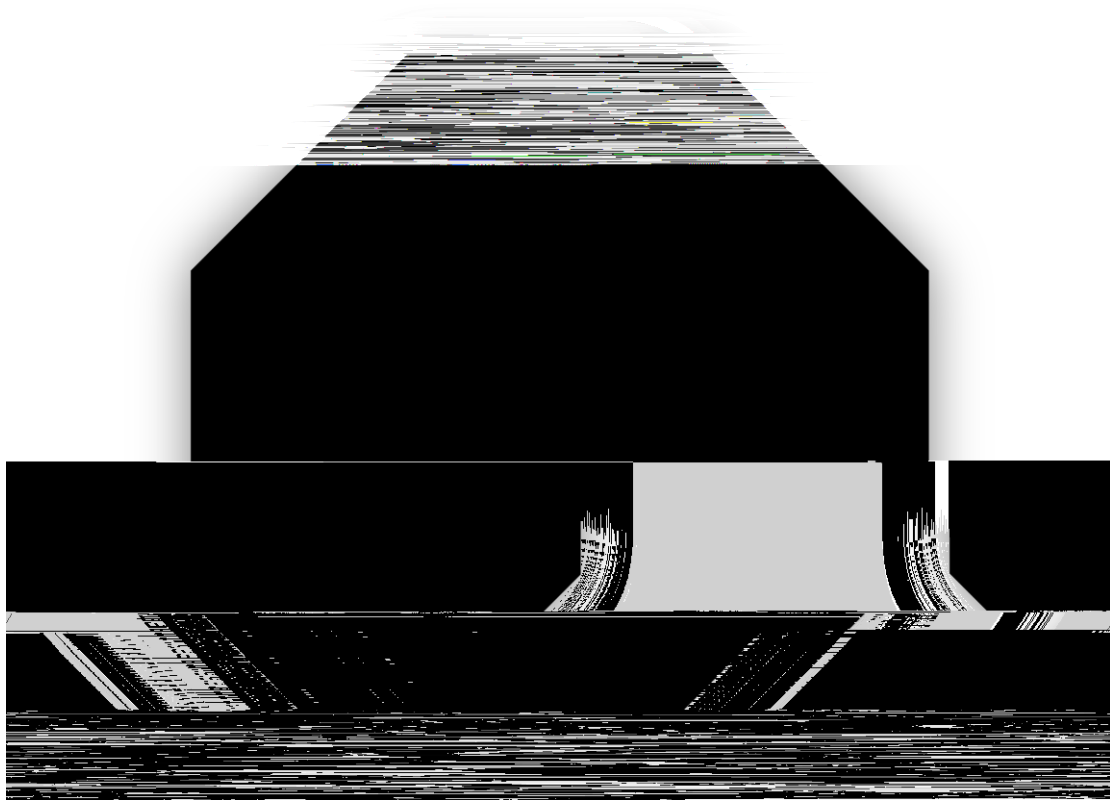
Responsible Party Greenhouse Gas Claim (Self-declaration)

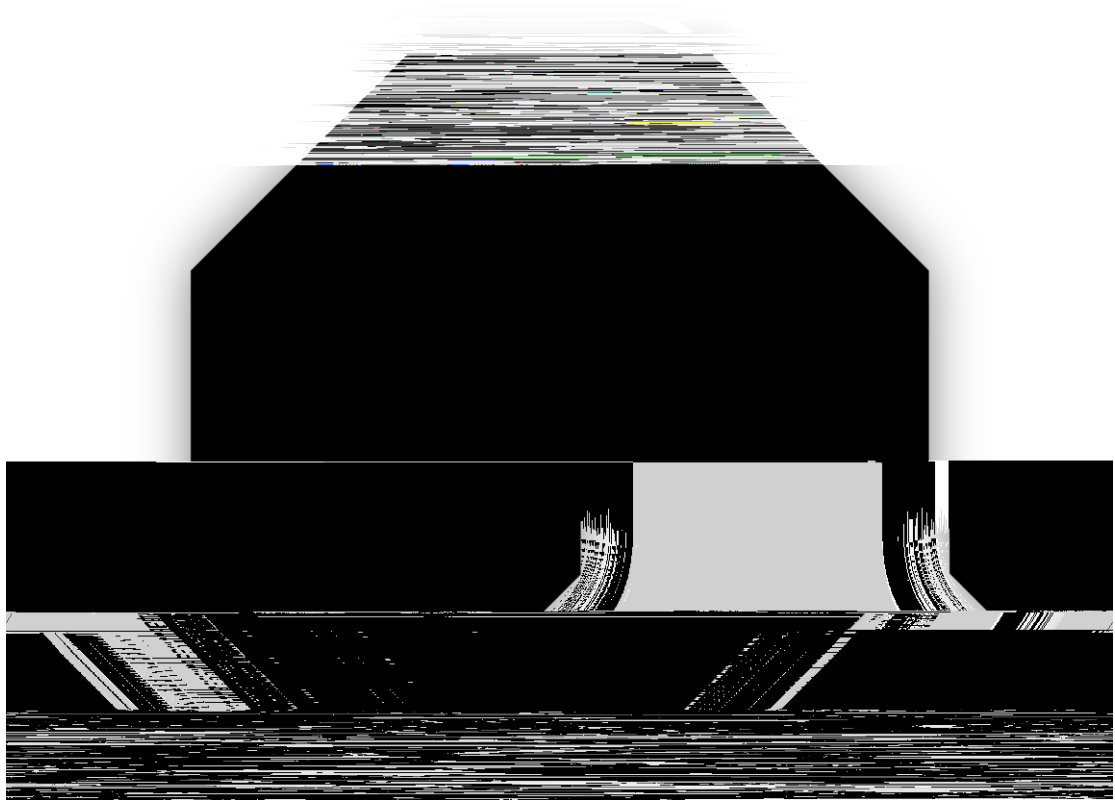
The total GHG emissions of Zhongtian Radio Frequency Cable Co., Ltd.



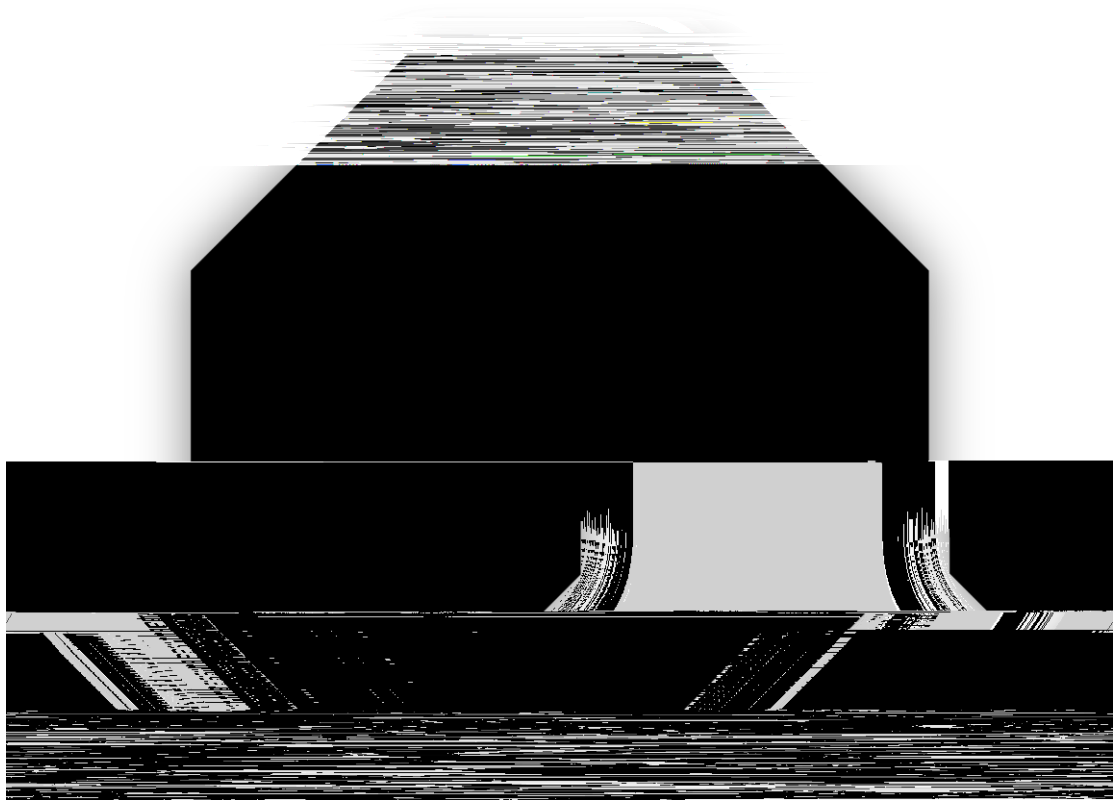


- Quantified emission source attributes
 - Non-biogenic GHG emissions and removals
 - Anthropogenic biogenic CO₂ emissions and removals
 - Anthropogenic biogenic emissions and removals of other GHGs
 - Non-anthropogenic biogenic GHG emissions and removals





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3.2. Assessment of GHG data and information

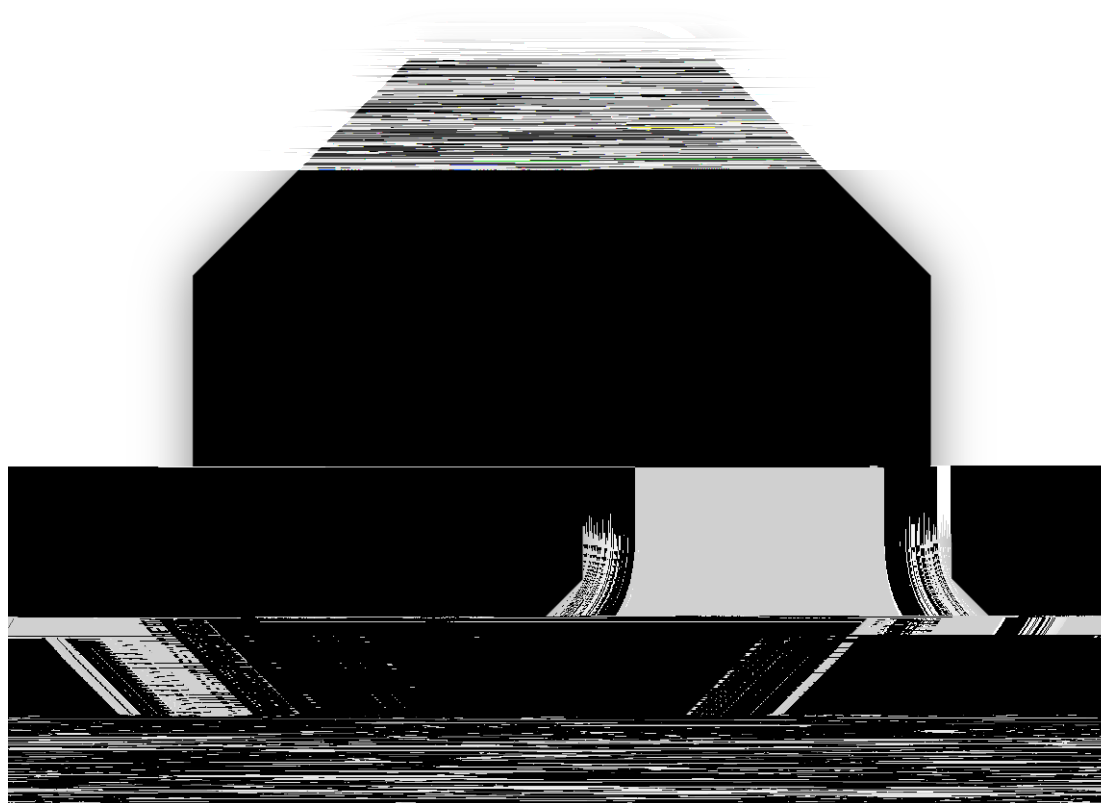
Activity data and emission factor compliance

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.

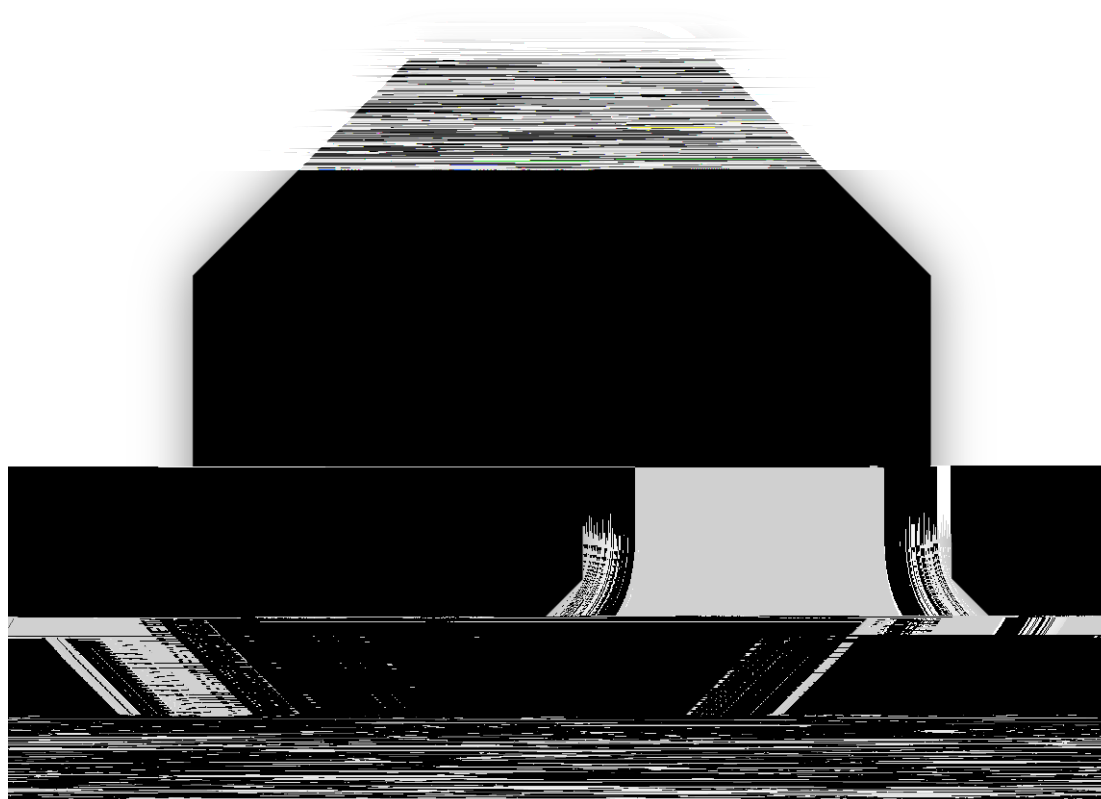
The verification information are as follows:

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: ^ • ^ - [! \] æ - c	<input type="checkbox"/> T æ •	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]

Emission categories	Emission source	Facilities or process
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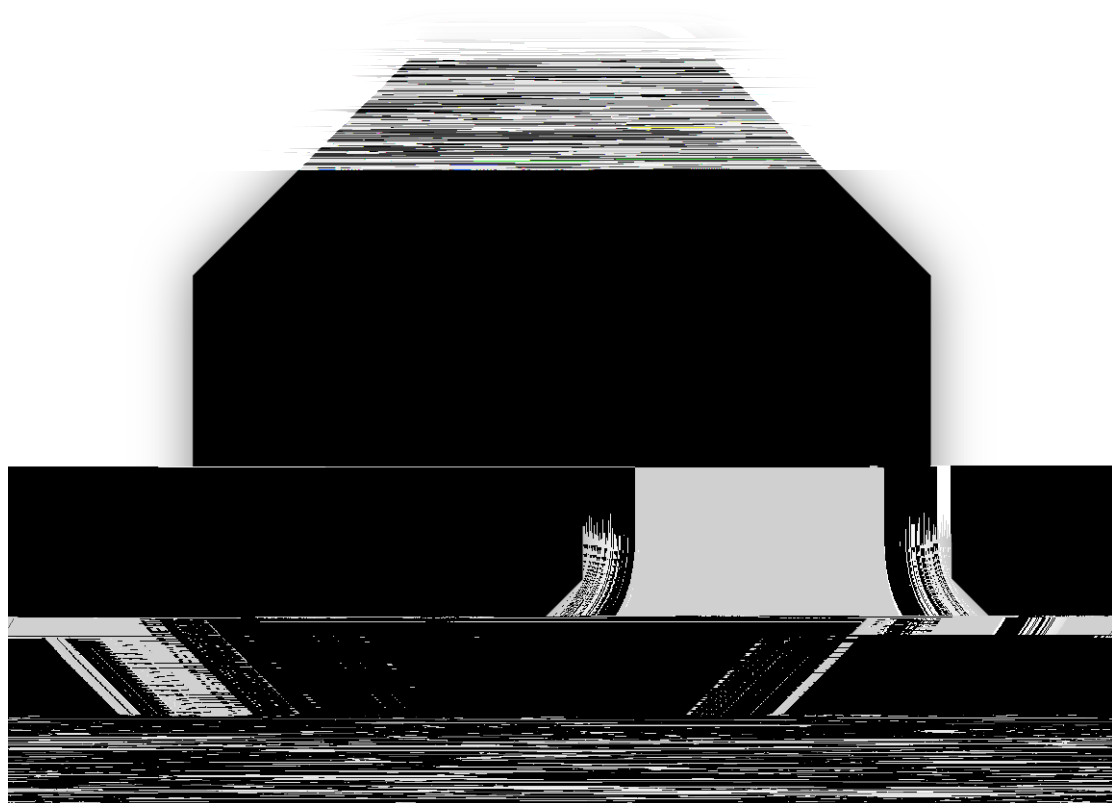
Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	
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Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
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Category 3: indirect GHG emissions from transportation	Ö { } [!:c^âÁ & [{ { 'câ } *Á ç^@â& ^	U~ ç	<input checked="" type="checkbox"/> Ö!^&c!â&âc^ <input type="checkbox"/> Á Š [!:cæcâ [] <input type="checkbox"/> { ^c@ [áÁ <input type="checkbox"/> Á T æ! \^cÉâæ•^âÁ <input type="checkbox"/> { ^c@ [áÁ <input type="checkbox"/> Á P [c!æ] [] â&æâ ^Á				ç^ } c!HÉFÉ!áæcæâæ•^		FÍGÉIEIGJÁ

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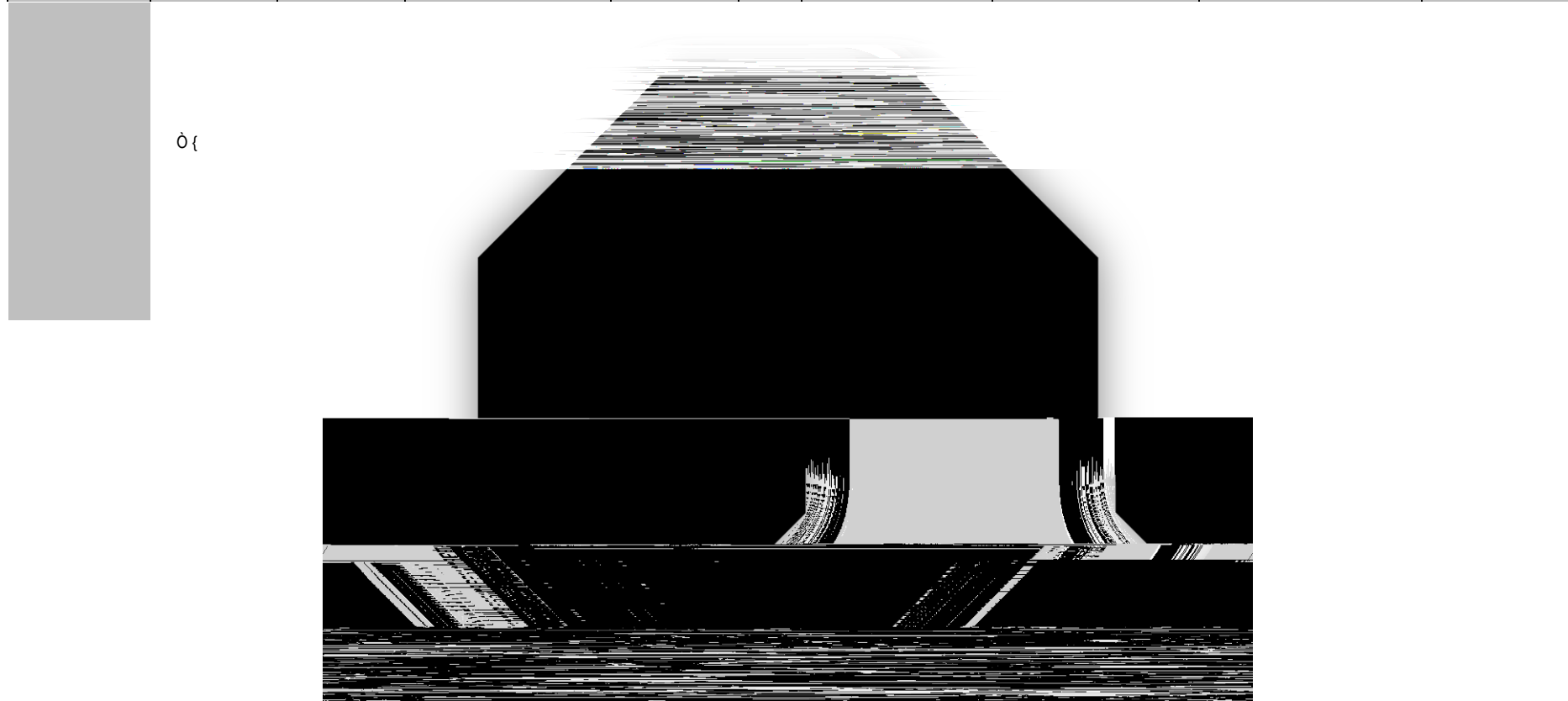


Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
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Emission categories	Emission source	Facilities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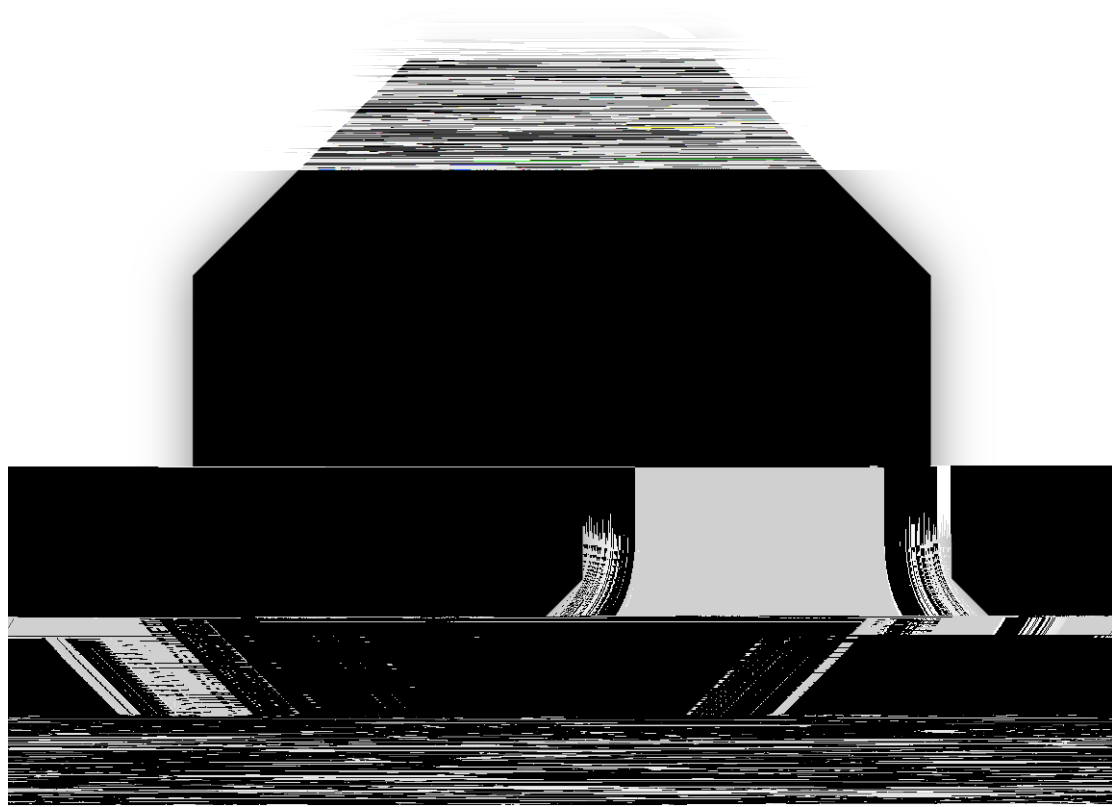
Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
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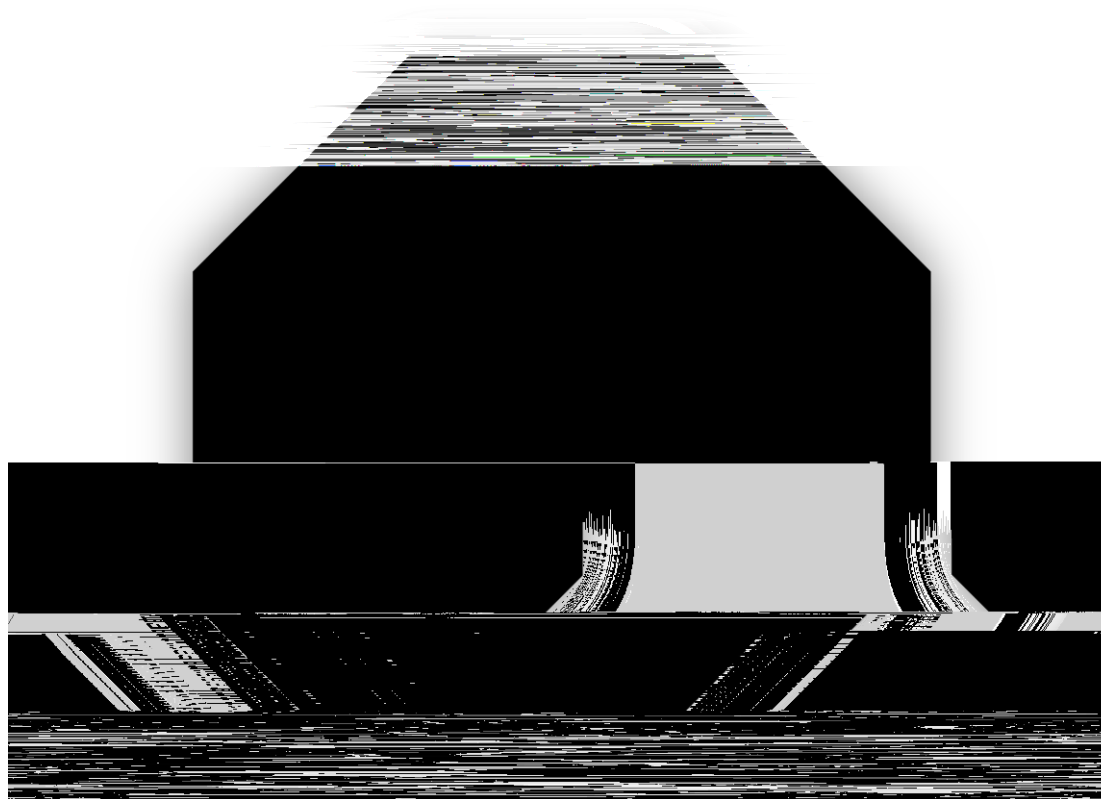




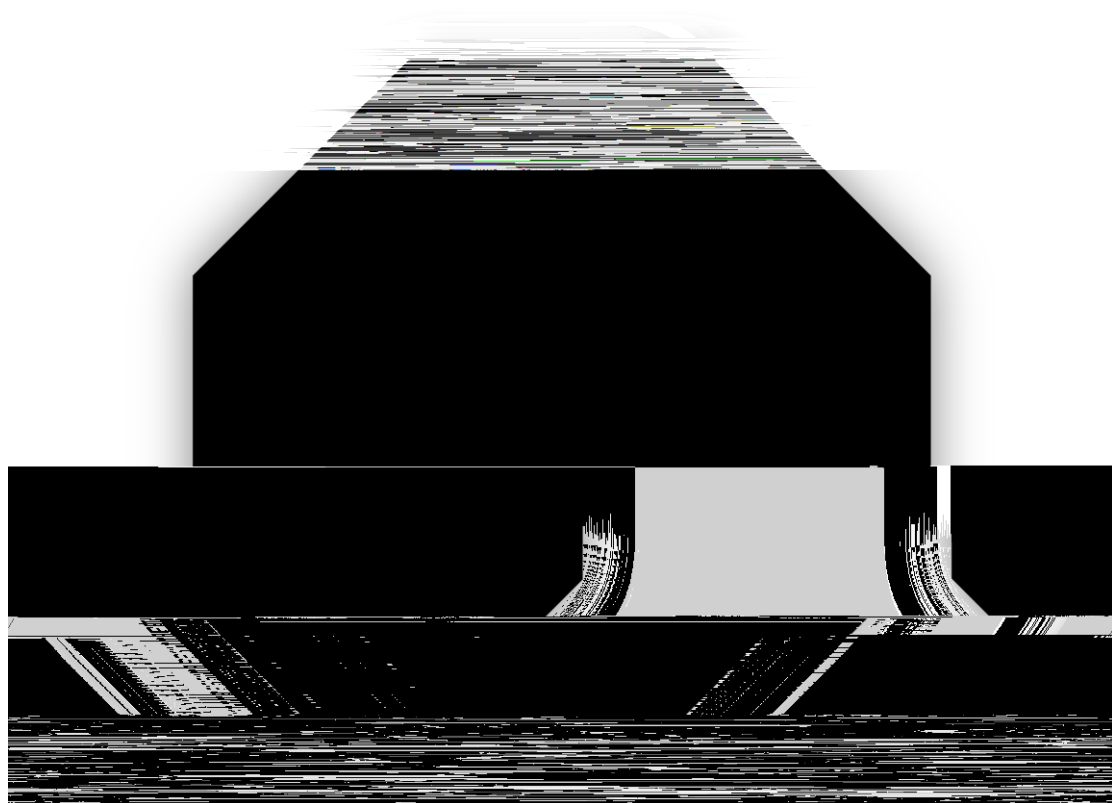
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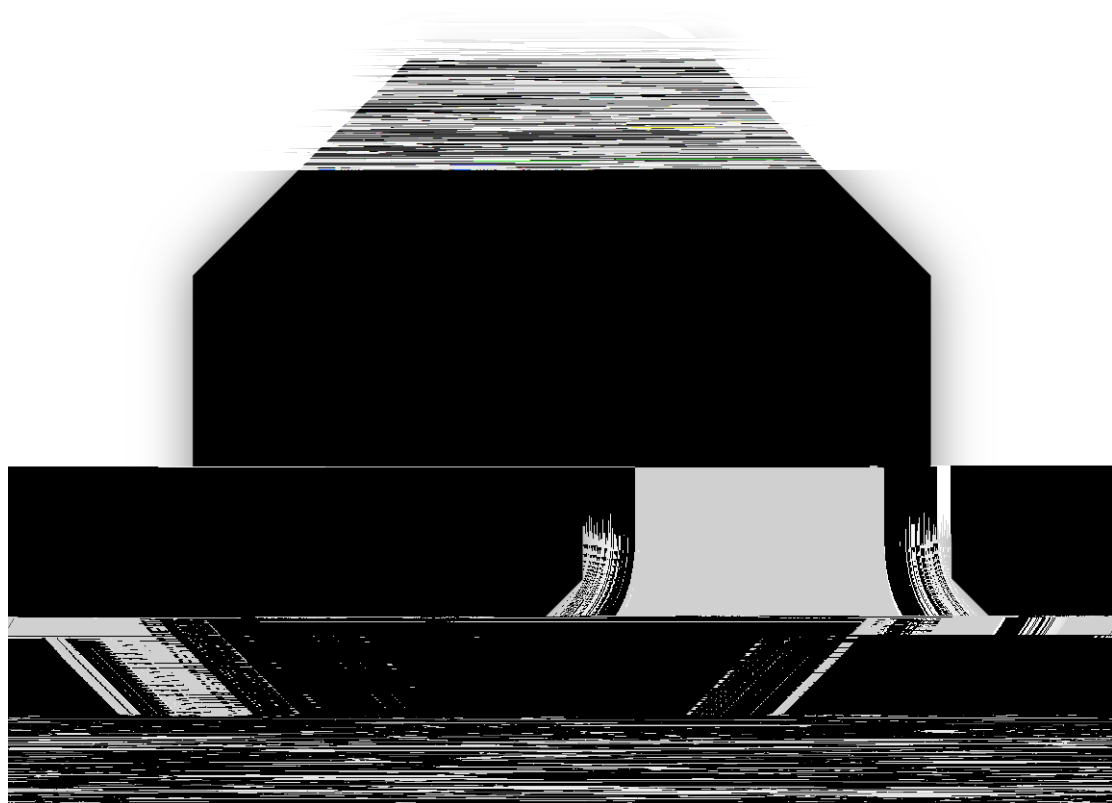




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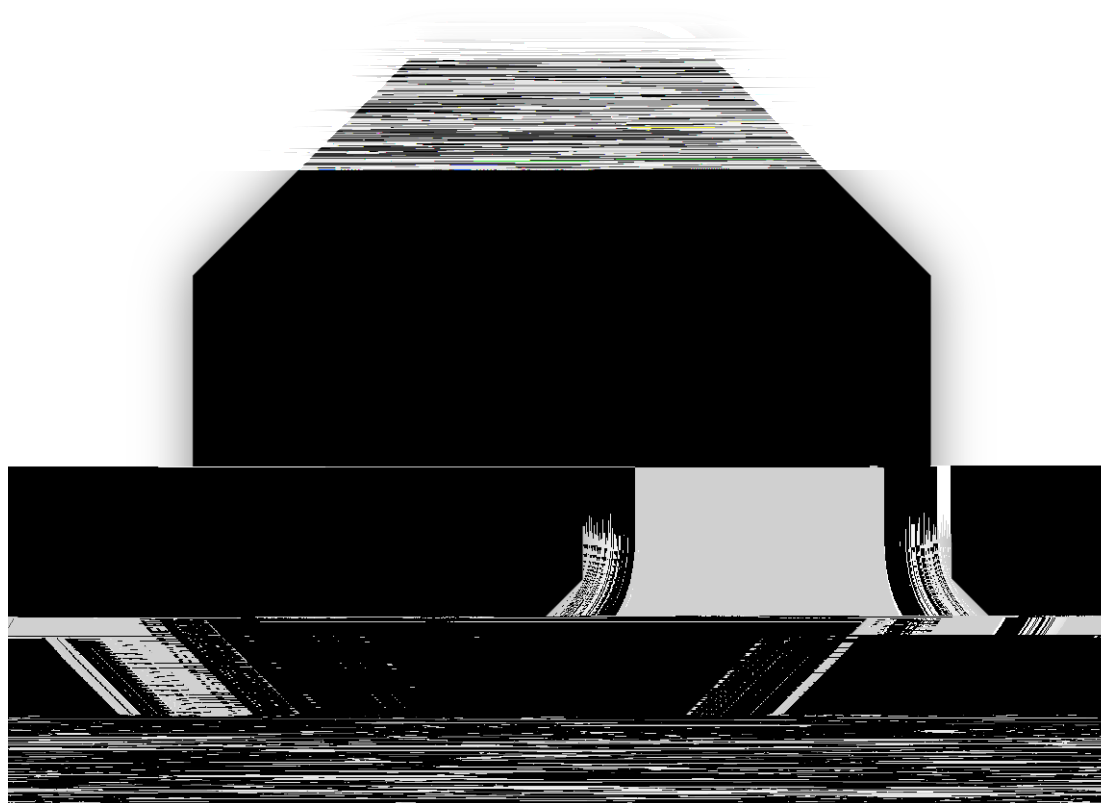


Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
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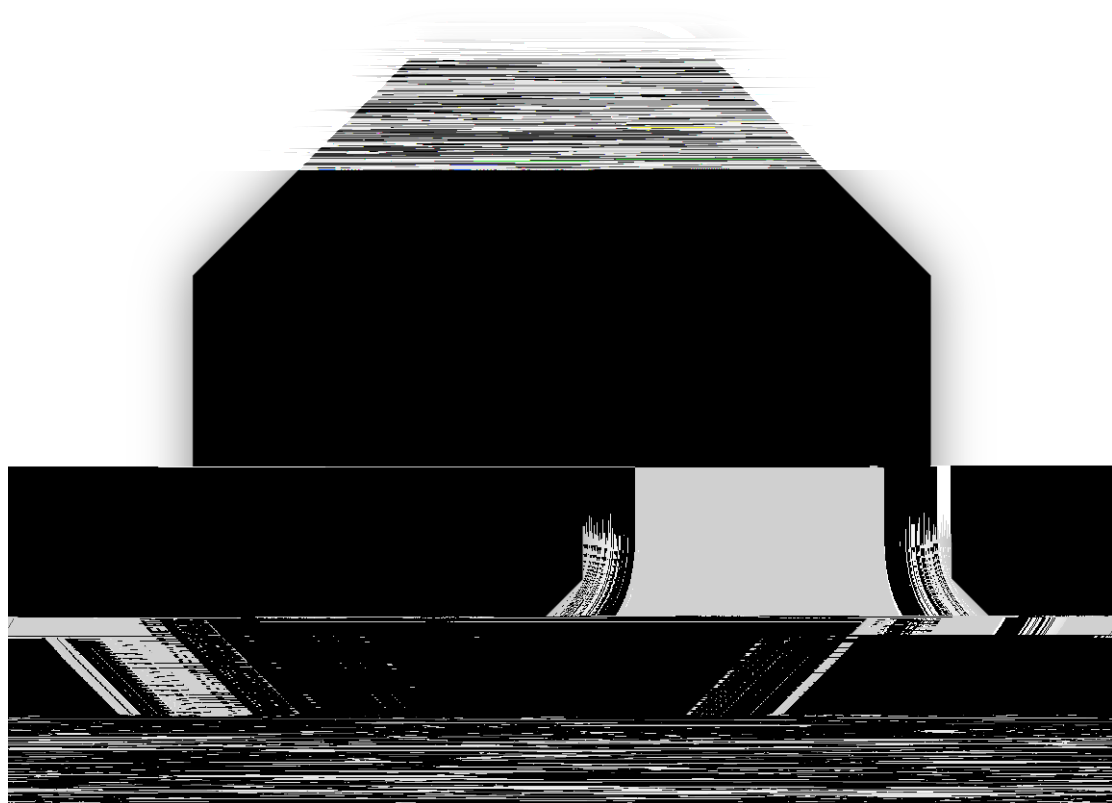
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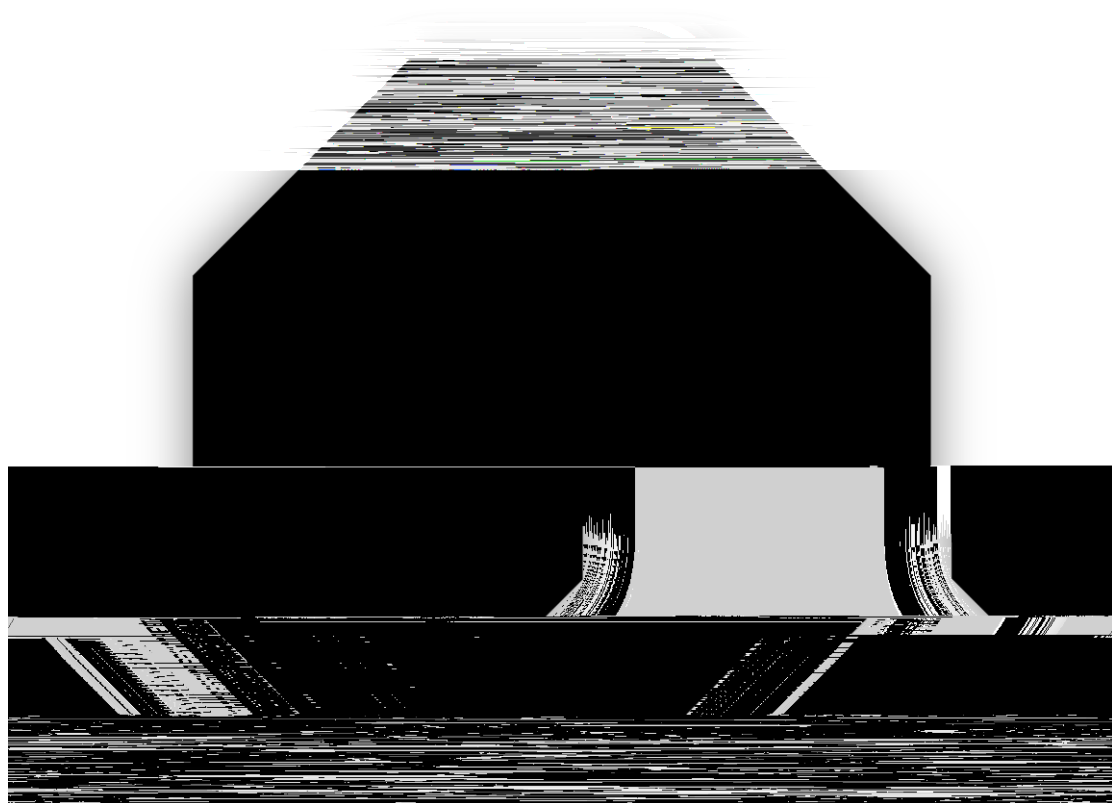


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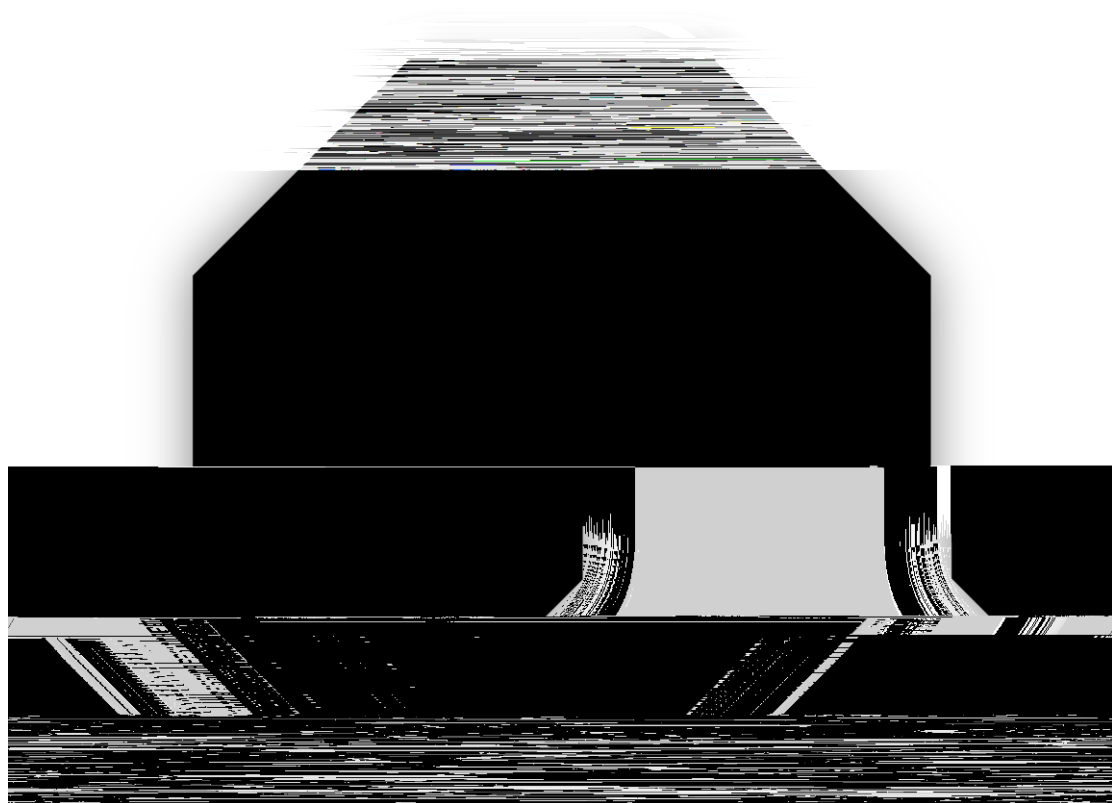




Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
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Emission categories	Emission source	Facilities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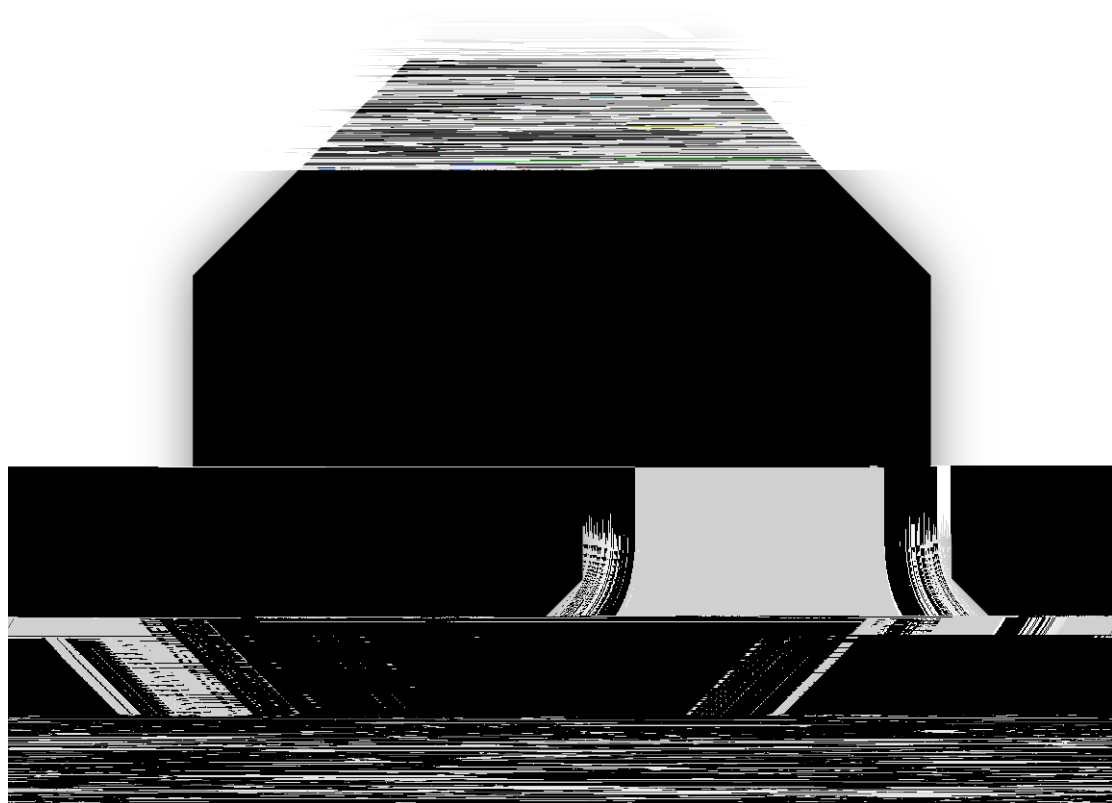


Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
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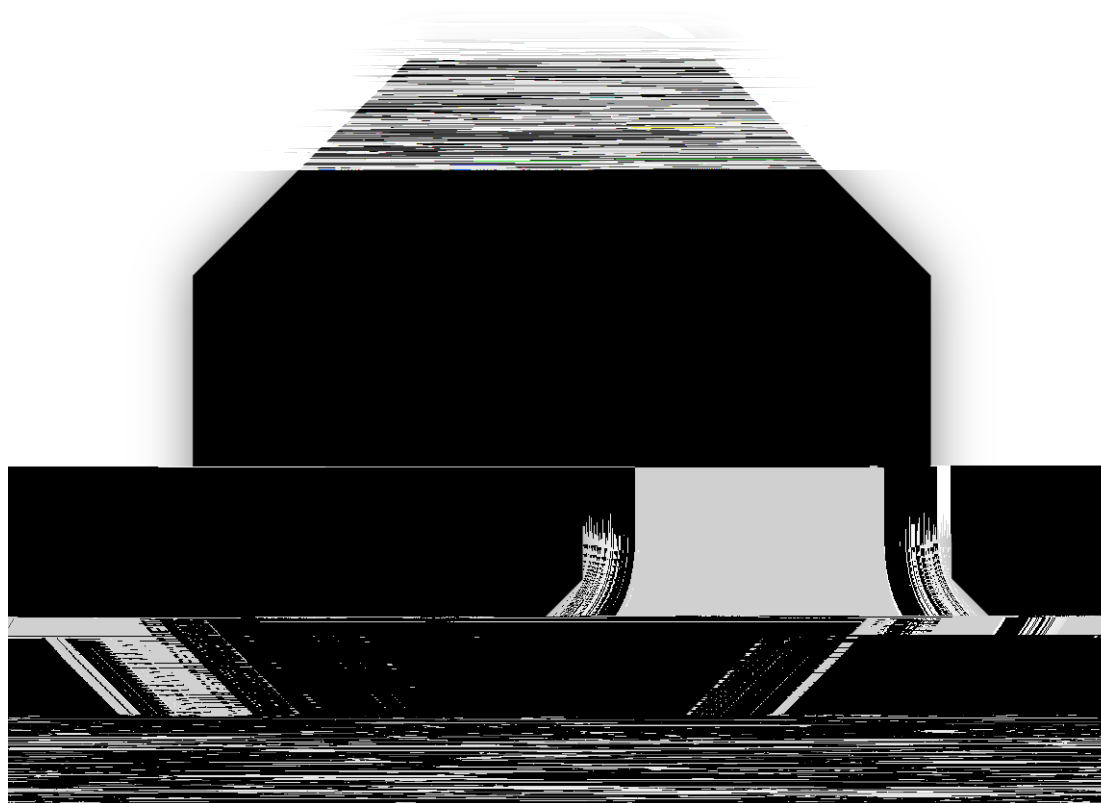


Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
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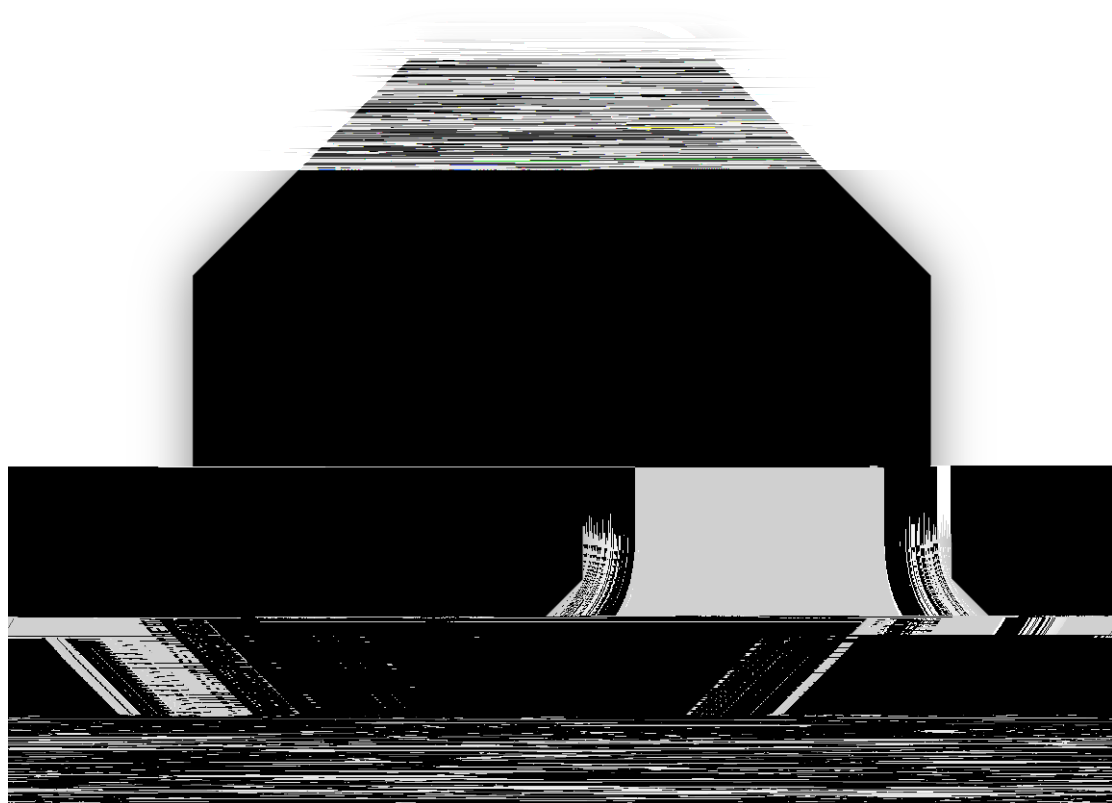


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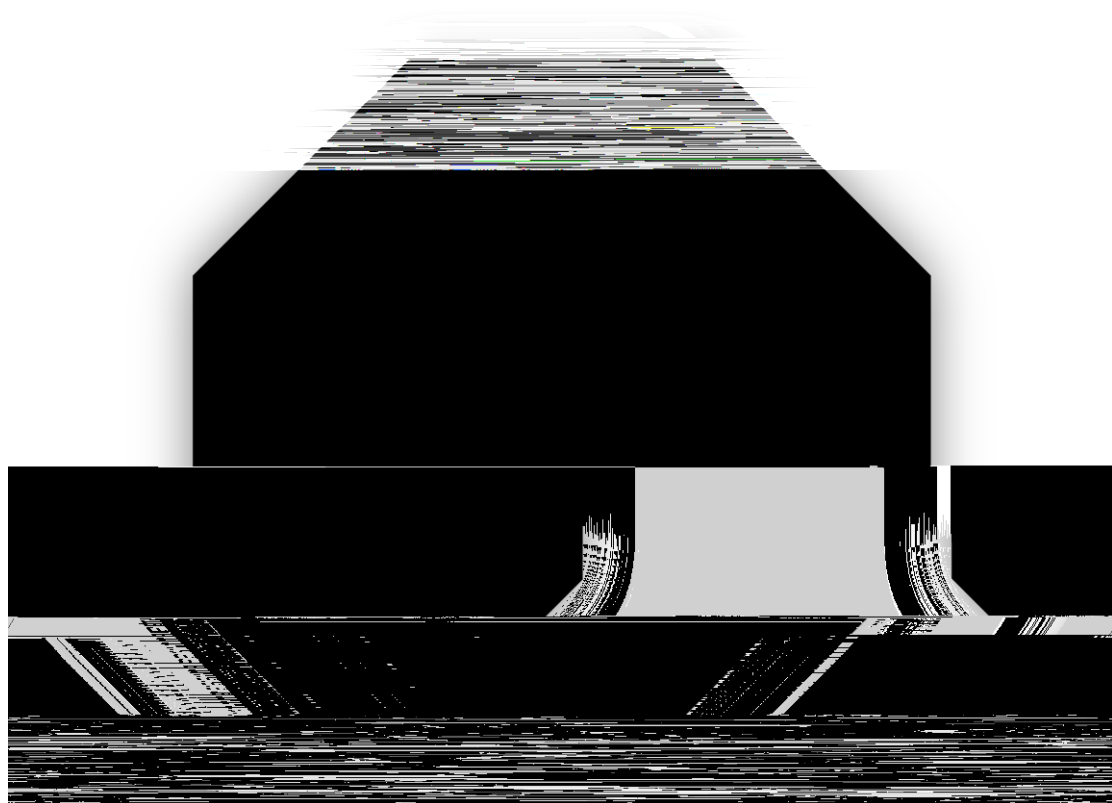


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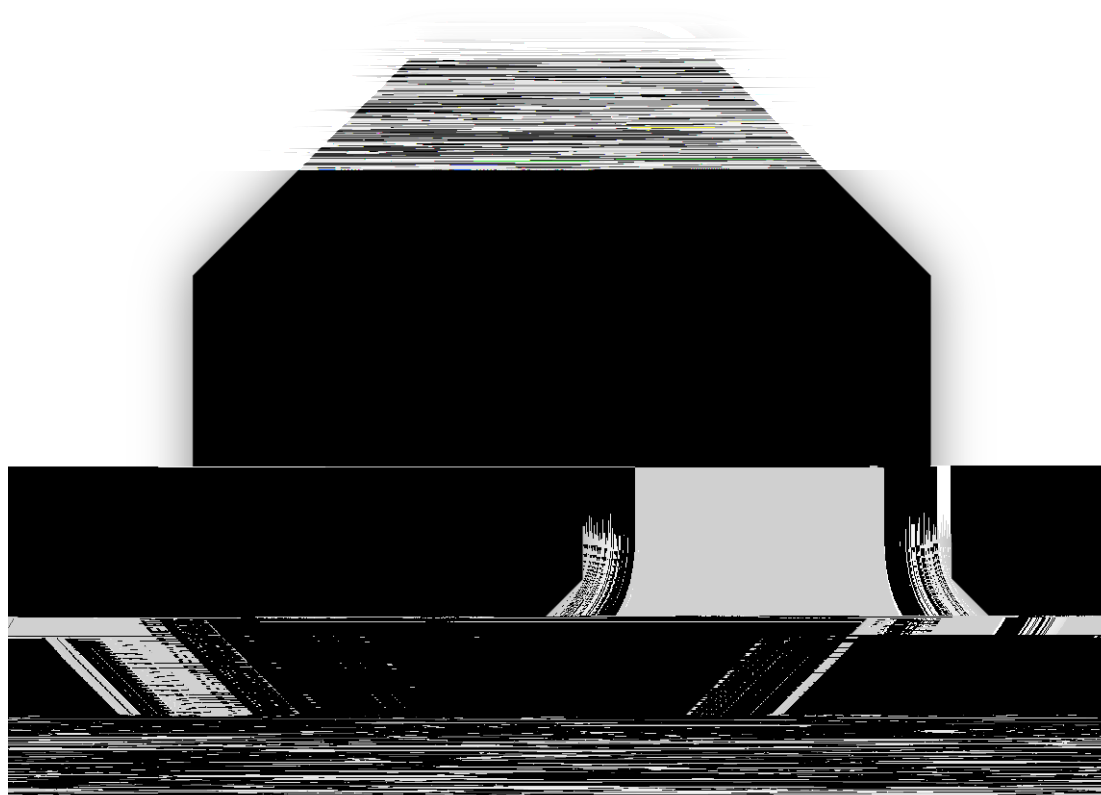
Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
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Emission categories	Emission source	Facilities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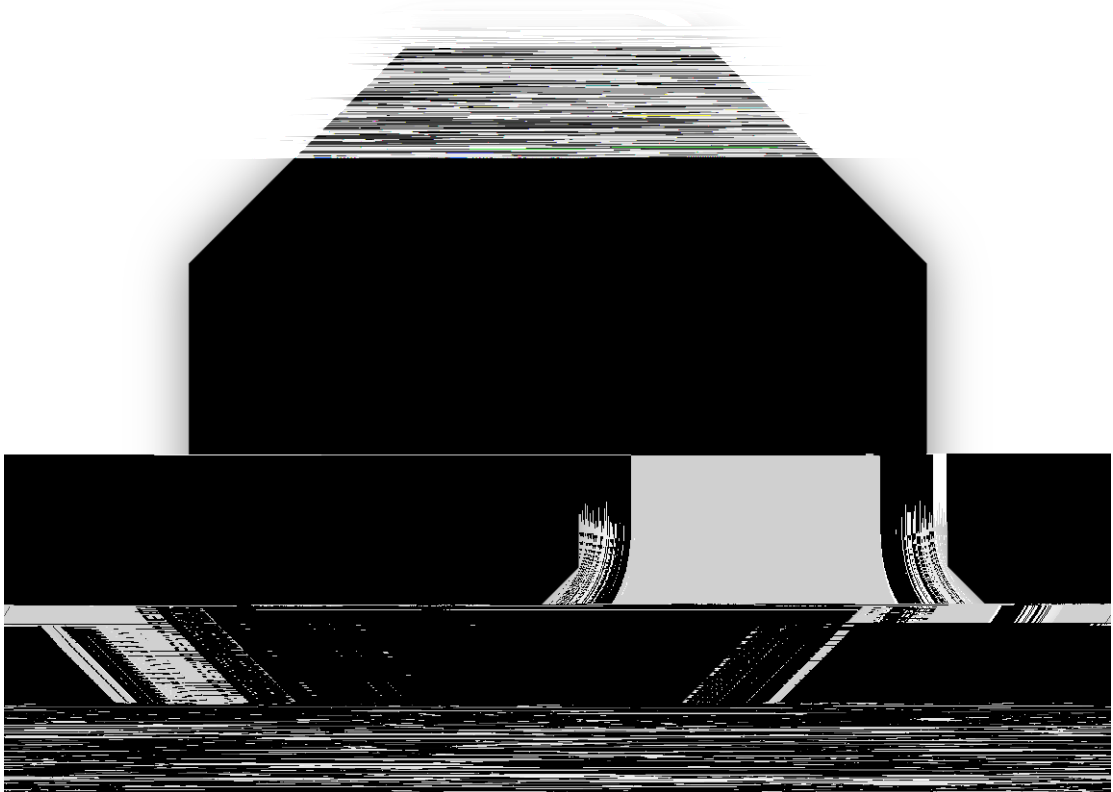


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Ü^][!cÁP[ÉKÁ!É!FEGÍEFHFJÁÜ^çÉF

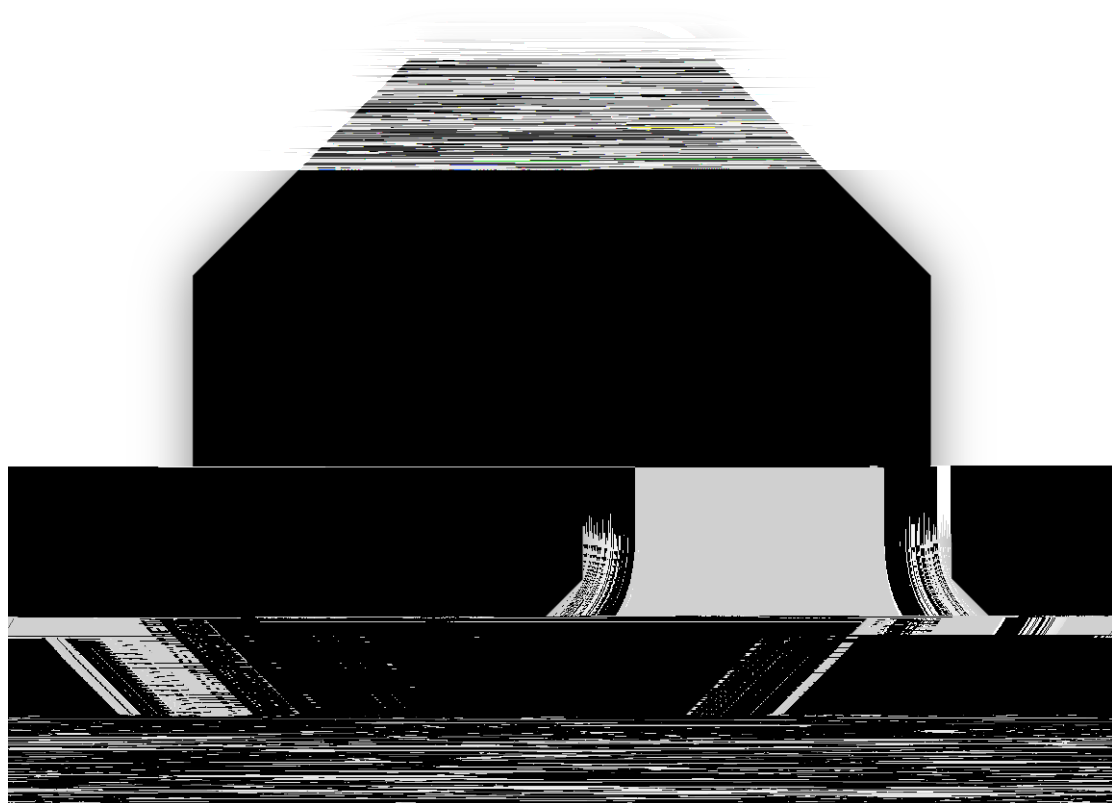


ÔÔÔ´ΌPÔ´ø´εJÉÉ!ÔÔÜÁÁÁÁ X^!•â[]Á€ÁÁÁÁÁÁÁ Ô--^&çç^!Öæc^!GEGÍÉEGÉÉ!ÁÁÁ Üæ*^! IFÁ [-Á FFG

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Ü^][!cÁP[ÉKÁ!É!ÉFÉG!ÉFHFJÄÜ^çÉF



U! *æ) â : æcâ [] æ) ÅÕPÕÅX^! â-â&æcâ [] ÅÜ^ [] : cÅQÜUÁF I ÊÍ I ÉFÍGÉF I ÅÕPæÜ
Ü^ [] : cÅP [EKÅÍ Ê I FEGÍ EFHFJ ÅÜ^ çÉF



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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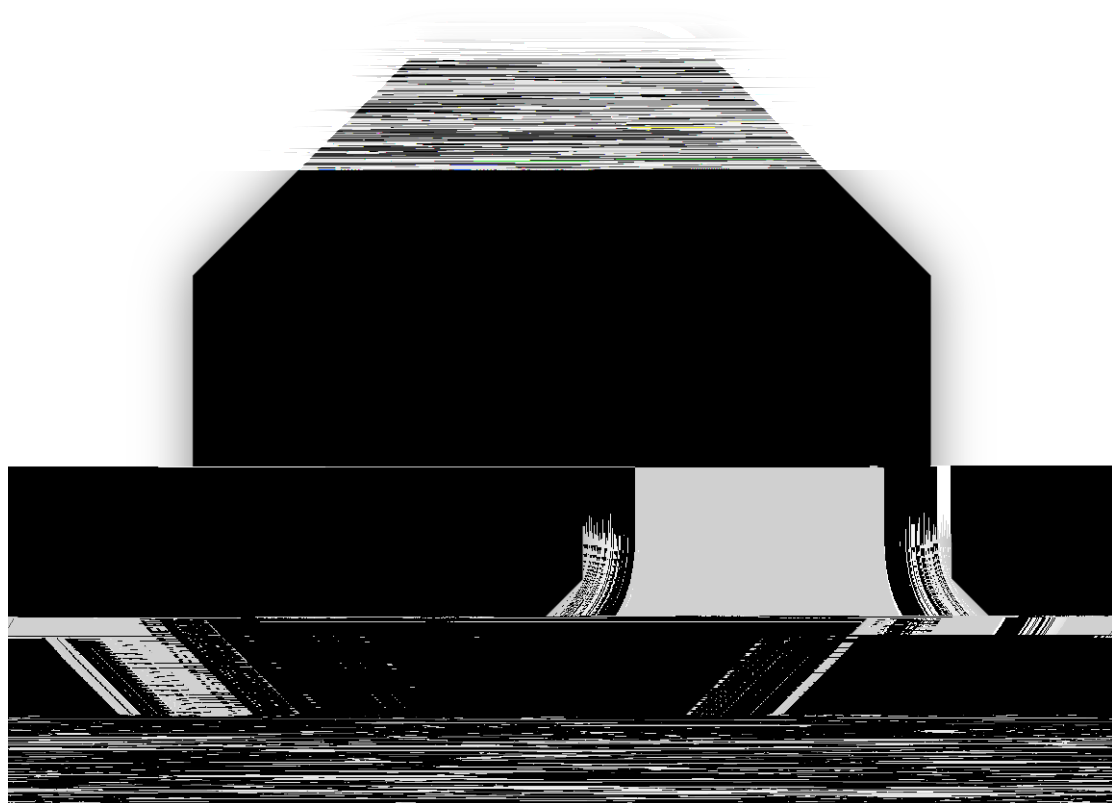


Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
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	Ú~!&@æ•^áÁ !æ, Á {æ^!iæ}	Öæ	<input type="checkbox"/> P^á <input type="checkbox"/> ÇÇ^!æ*^ÉF <input type="checkbox"/> {^c@[áÁ <input type="checkbox"/> ÁP[çÁ] á&æà!^Á				<input type="checkbox"/> ÇÇ^!æ*^ÉF	çHÉFÉ!áæcæàæ•^	JHGÉFÉÉ!Á



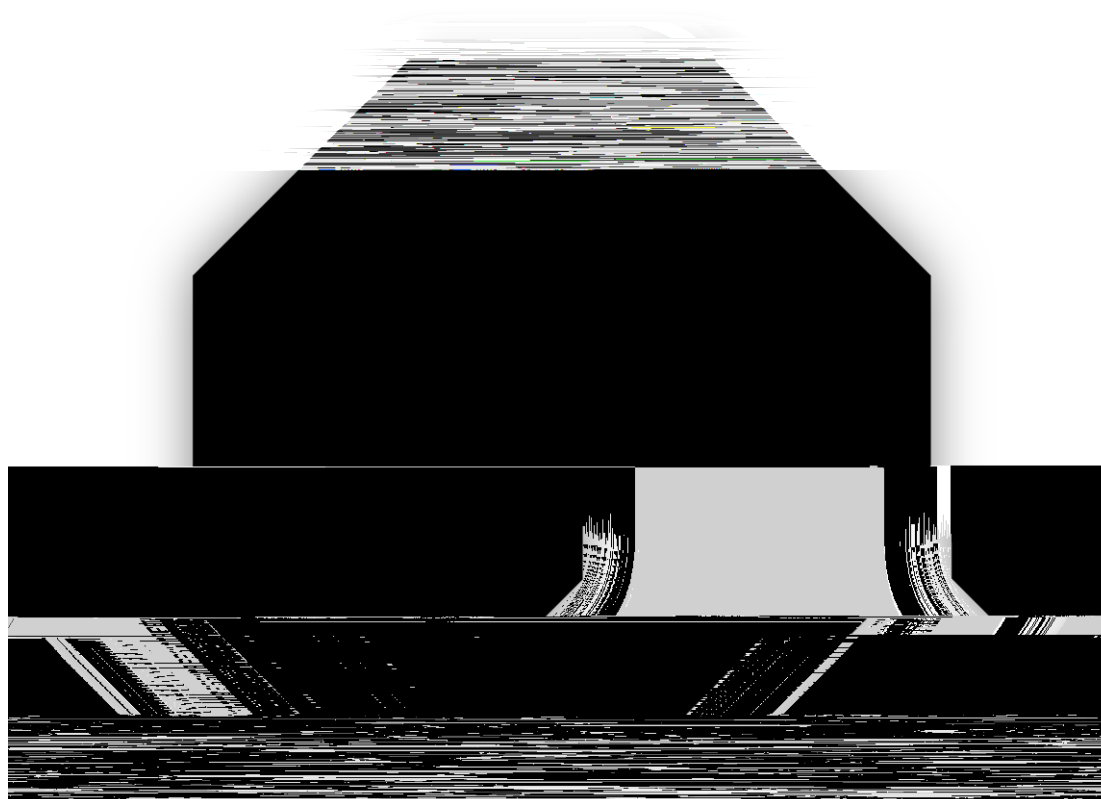
Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
	Ú~!&@æ•^áÁ !æ, Á {æ^!iæ}	Öæ çæ}i: ^áÁ •c^A , á!^	<input type="checkbox"/> [[á•É!•^!ç!&^•!æ}áÁ &æ]iææ!Á*[[á•KÁ <input type="checkbox"/> Á Ü~]] á^!É•^&á-áÁ {^c@[áÁ <input type="checkbox"/> Á P^á!iáÁ {^c@[áÁ <input checked="" type="checkbox"/> Á Çç^!iæ*^ÉF {^c@[á <input type="checkbox"/> Á Ü^ {^c@[áÁ <input type="checkbox"/> Á P[çá				JÏÏÁ*ÖU _c ^A* Ö&[á]ç^}çHÉFÉ!áæcæàæ•^		GHÉHÍ Î I Á
	Ú~!&@æ•^áÁ !æ, Á {æ^!iæ}		<input type="checkbox"/> P^á <input type="checkbox"/> Çç^!iæ*^ÉF {^c@[áÁ <input type="checkbox"/> Á P[çá]]á&æà!^Á				ç^}çHÉFÉ!áæcæàæ•^		Î I GHÌÉGJ Í F Á

U! *æ) â : æcâ [] æ) ÅÕPÕÅX^! â-â&æcâ [] ÅÜ^] [! cÅQÜUÁF I ÊÍ I ÊFÍGÊF I ÅÕPÆÜ
Ü^] [! cÅP [ÊKÅÍ Ê I FÊG Í ÊFHFJ ÅÜ^ ç ÊF

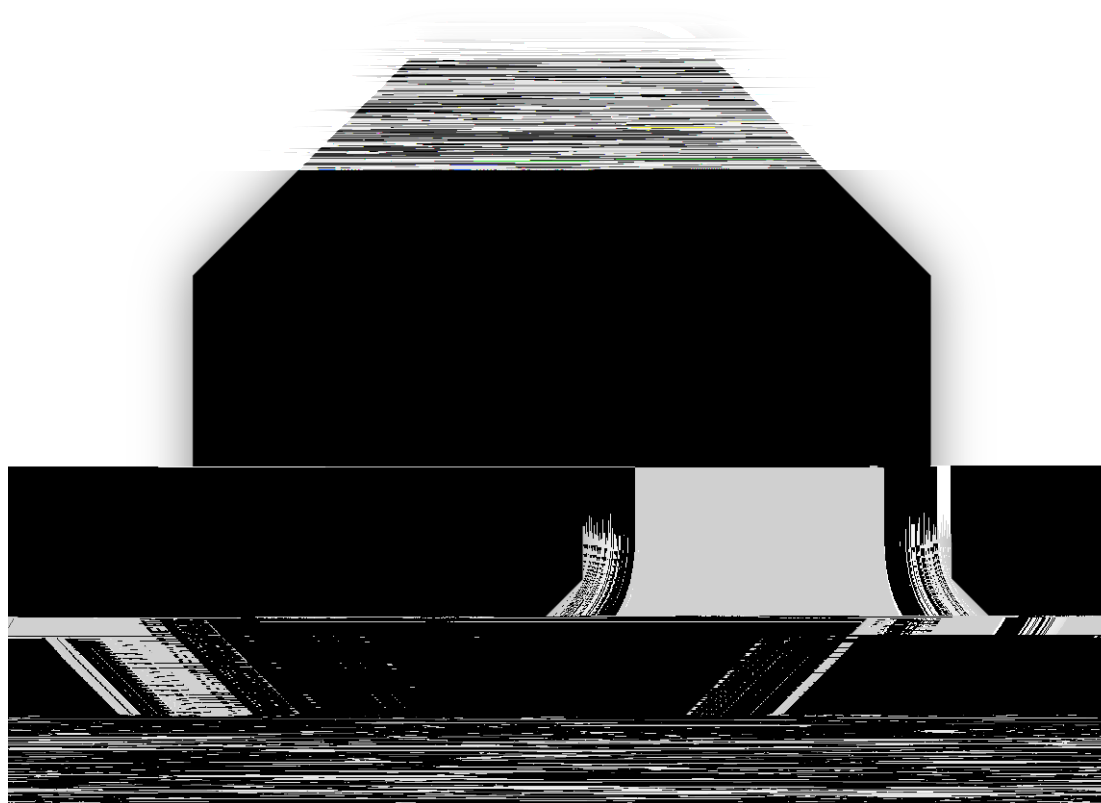


ÕÕÕ 'ÕPÕ 'Ø 'ÊJÊÍ Ò

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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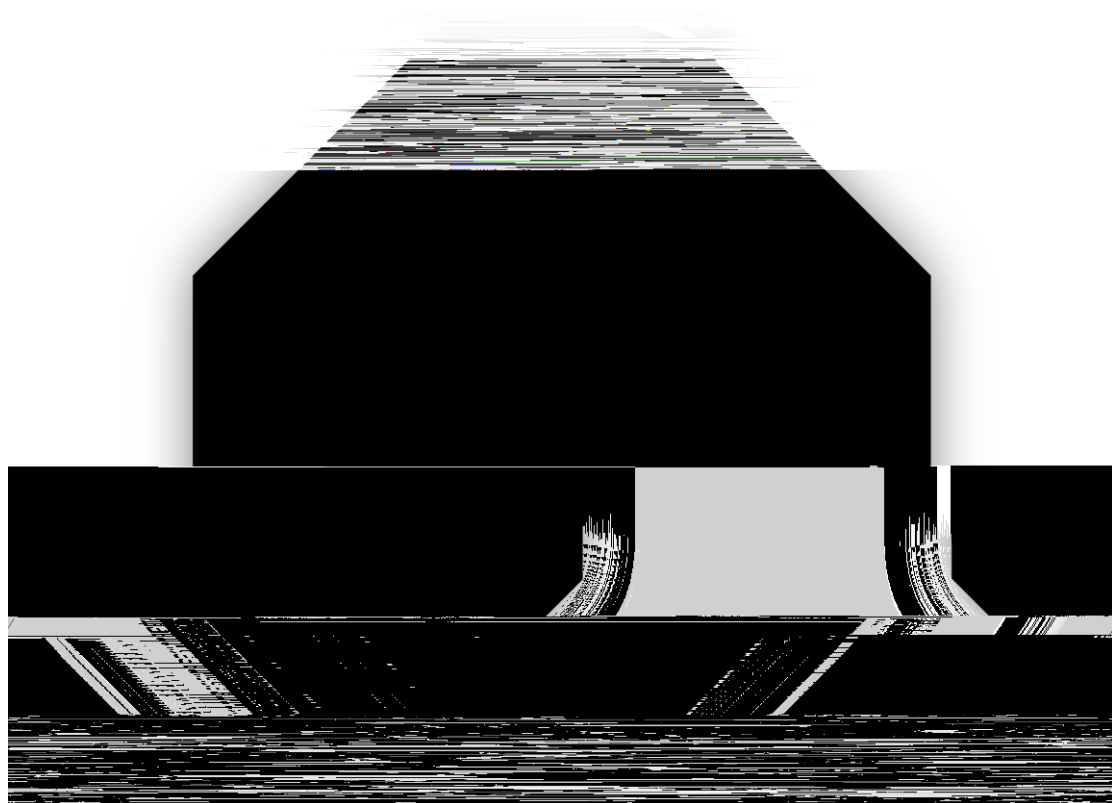


Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
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			<input type="checkbox"/> []ÃÜ^ []!cÃQÜUÁFIEÍIEFÍGÉFÍÃÖPœÜ <input type="checkbox"/> &æ]âcæÃ* []ÃÜ^ []!cÃQÜUÁFIEÍIEFÍGÉFÍÃÖPœÜ <input type="checkbox"/> []ÃÜ^ []!cÃQÜUÁFIEÍIEFÍGÉFÍÃÖPœÜ <input type="checkbox"/> { ^c@ []ÃÜ^ []!cÃQÜUÁFIEÍIEFÍGÉFÍÃÖPœÜ <input type="checkbox"/> []ÃÜ^ []!cÃQÜUÁFIEÍIEFÍGÉFÍÃÖPœÜ <input checked="" type="checkbox"/> []ÃÜ^ []!cÃQÜUÁFIEÍIEFÍGÉFÍÃÖPœÜ <input type="checkbox"/> { ^c@ []ÃÜ^ []!cÃQÜUÁFIEÍIEFÍGÉFÍÃÖPœÜ						
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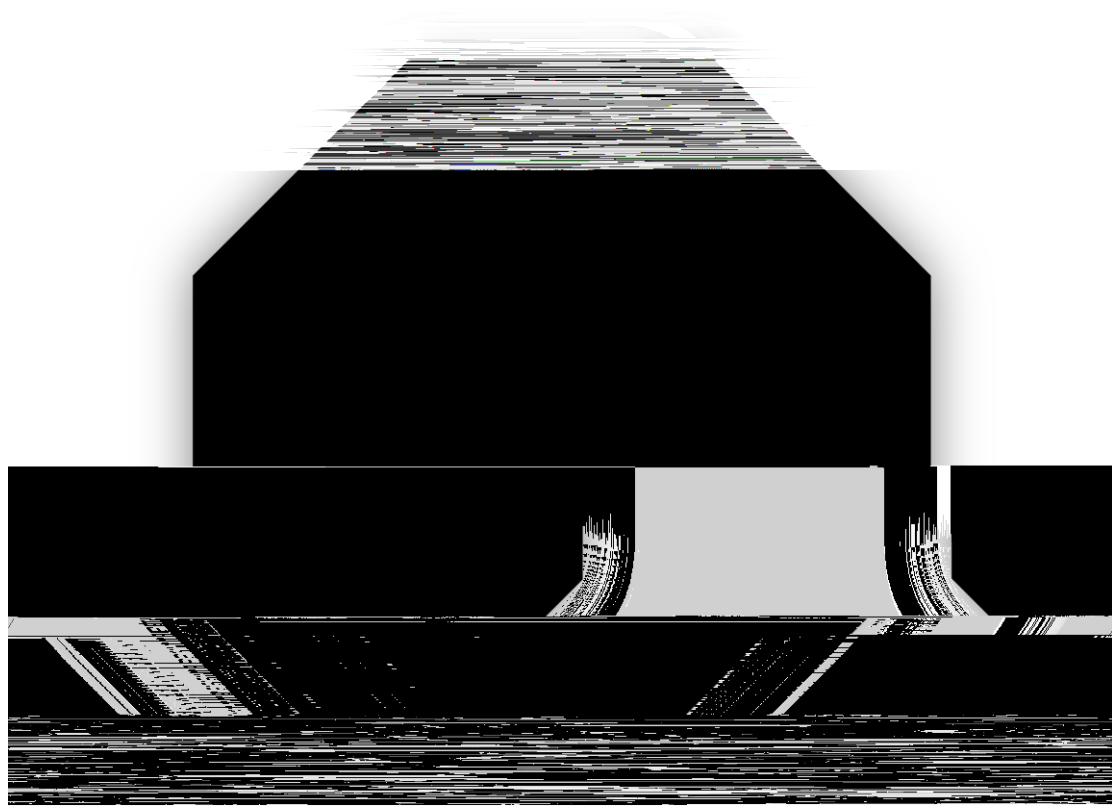


U! *æ) â : æcâ [] æ) ÅÕPÕÅX^! â-â&æcâ [] ÅÜ^ [] : cÅQÜUÁF I ÊÍ I ÊFÍGÊF I ÅÕPÆÜ
Ü^ [] : cÅP [ÊKÅÍÊ I ÊGÍÊFHFJÅÜ^çÊF

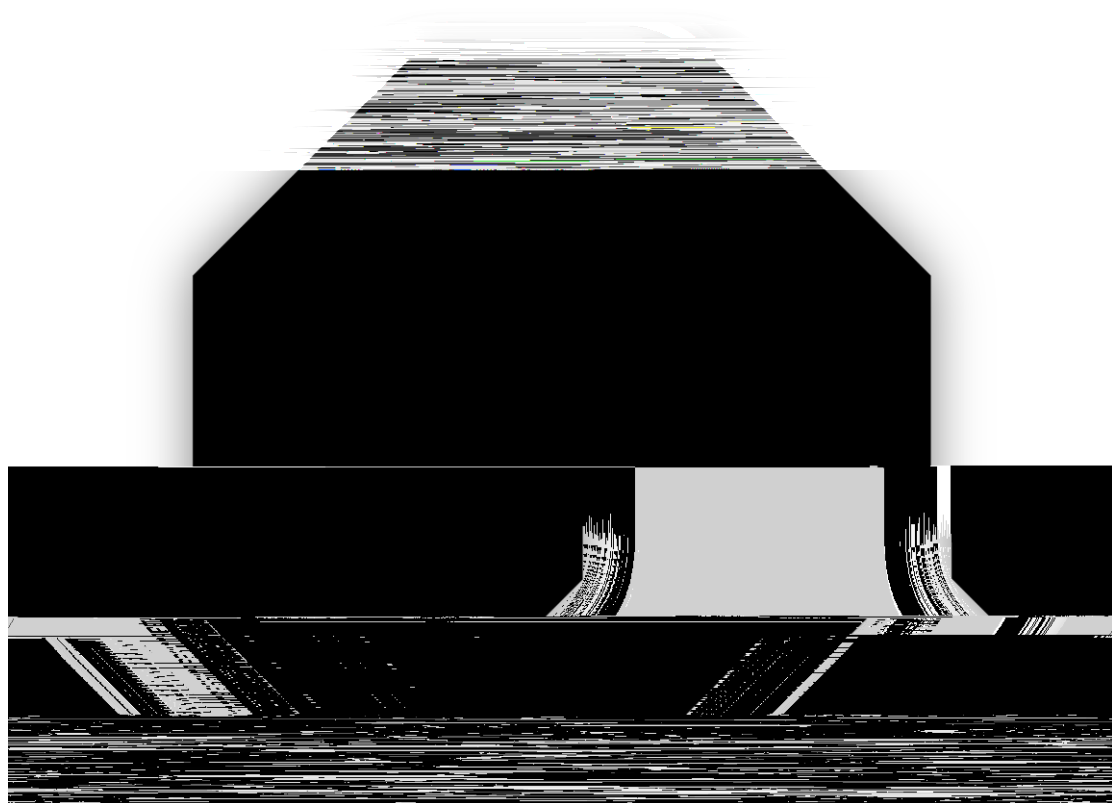


ÕÕÕ ´ÕPÕ ´Ø´ÊJÊÊÍ ÒÕÜÅ

U!*æ}â:æcâ[]æ|ÃÕPÕX^!â-â&æcâ[]Ã



U!*æ}â:æcâ[}æ|ÃÖPÕÃX^!â-â&æcâ[}ÃÛ^][!cÃQÛUÁF!€Î!É





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)
	Ú~!&@æ•^áÁ !æ, Á {æc^!ææ}	Ú ~, [[á	<input type="checkbox"/> Ö [[á•É!•^!ç!æ&^•!æ} áÁ &æ] äæ!Á* [[á•KÁ <input type="checkbox"/> Á Ü~]] á^!E••^&â-âÁ { ^c@ [áÁ <input type="checkbox"/> Á P^ á!áá { ^c@ [áÁ <input checked="" type="checkbox"/> Á Çç^!æ*^E { ^c@ [á <input type="checkbox"/> Á Ü^ { ^c@ [áÁ <input type="checkbox"/> Á P [cÁ					Ö& [á}ç^}cHÉFÉ!áæcâàæ•^	FÉFIEIEÍIÁ



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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)
	Ú~!&@æ•^áÁ !æ, Á {æ^!iæ}	Y [[áÁ]æ ^c	<input type="checkbox"/> [[á•É!•^!Ç!&^•!æ) áÁ &æ] iææ!Á* [[á•KÁ <input type="checkbox"/> Á Ü~]] á^!É•^&á-áÁ { ^c@ [áÁ <input type="checkbox"/> Á P^á!áÁ { ^c@ [áÁ <input checked="" type="checkbox"/> Á Çç^!æ*^ÉF { ^c@ [á <input type="checkbox"/> Á Ü^ { ^c@ [áÁ <input type="checkbox"/> Á P [cÁ				HGJFÁ*ÖU ₆ ^Á*	Ö&[á]ç^}cHÉFÉ!áæcæàæ•^	FÉJÉ!J!HÁ
	Ú~!&@æ•^áÁ !æ, Á {æ^!iæ}	{	<input type="checkbox"/> P^á <input type="checkbox"/> Çç^!æ*^ÉF <input type="checkbox"/> P [cÁ <input type="checkbox"/> P [cÁ					ç^}cHÉFÉ!áæcæàæ•^	ÉJÉ!TÁ



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)
	Ú~!&@æ•^áÁ !æ, Á {æ^!iæe}	Þ~! [] Á ! : [á ~ & c	<input type="checkbox"/> Ö [[á • É! • ^! ç! & ^ • Á æ } á Á <input type="checkbox"/> & æ] á æ Á * [[á • K Á <input type="checkbox"/> Á Ü ~]] á ^! E • ^ & á - á Á <input type="checkbox"/> { ^ c @ [á Á <input type="checkbox"/> Á P ^ á i á Á { ^ c @ [á Á <input checked="" type="checkbox"/> Á Ç ç ^! á æ * ^ F <input type="checkbox"/> { ^ c @ [á <input type="checkbox"/> Á Ü ^ <input type="checkbox"/> { ^ c @ [á Á <input type="checkbox"/> Á Þ [c á				<input type="checkbox"/> Á i í J Á \ * Ö U ç ^ Á *	Ö & [á] ç ^ } c H E F É! á æ ç à æ • ^	F È I H Í Á
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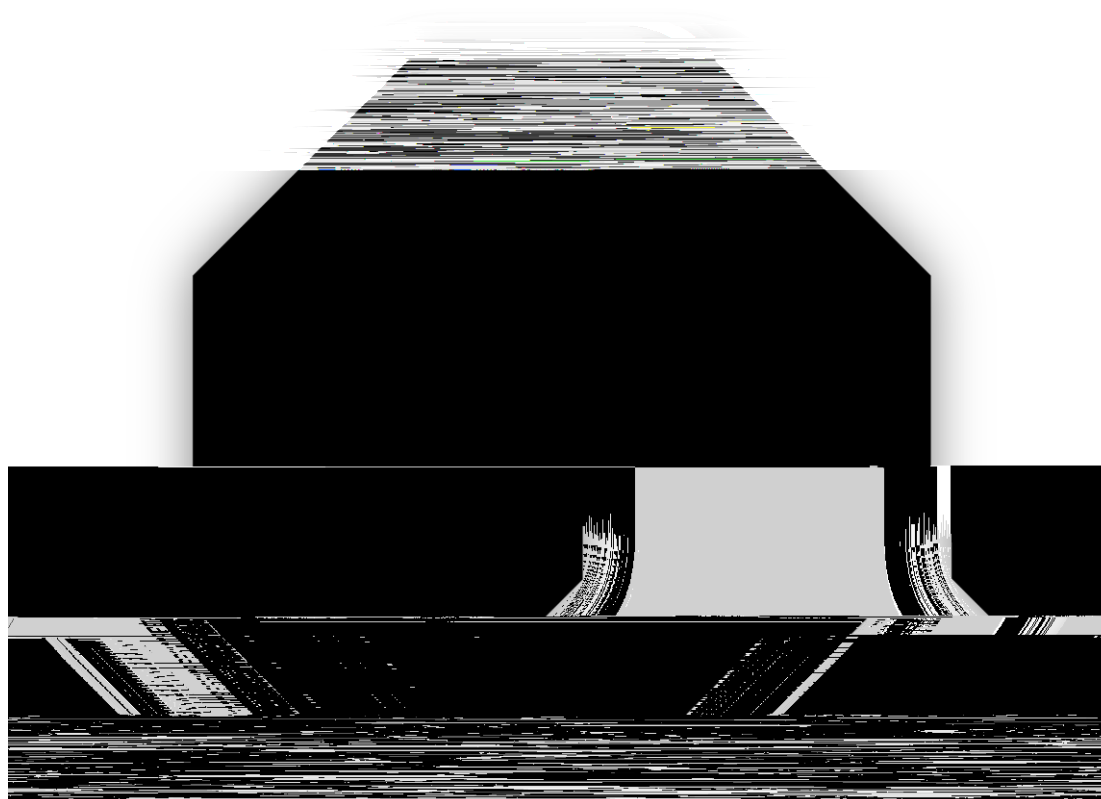


Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
	Ú~!&@æ•^áÁ !æ, Á { æc^!ææ}	P [cá { ^}cá æá@^•ç^	<input type="checkbox"/> Á Ü~]] â^!E•^&â-â&Á <input type="checkbox"/> Á P^â!âá { ^c@ [áÁ <input checked="" type="checkbox"/> Á Çç^!æ*^E <input type="checkbox"/> Á P [cá				HJJÁ*ÖU ₆ ^Á* Ö& [â}ç^}cáHÉFÉ!áæcâàæ•^		GHÉJFGIÁ



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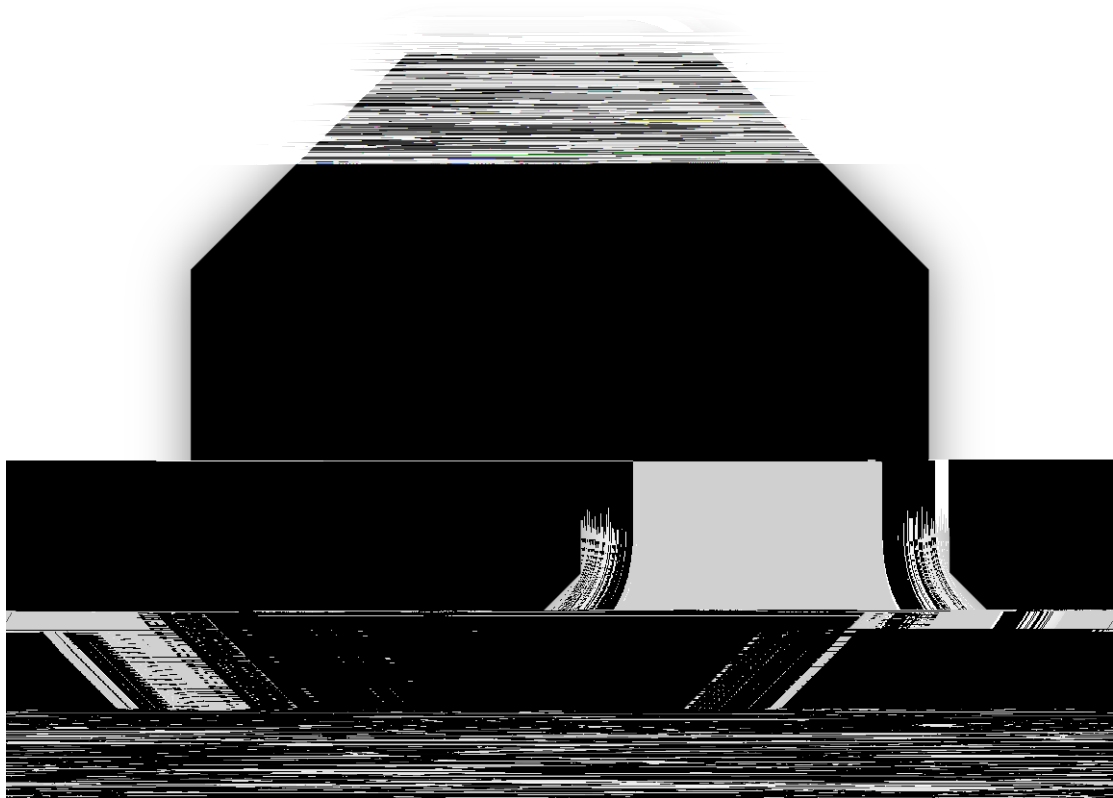
Emission categories	Emission source	Facilities or process	Accounting method
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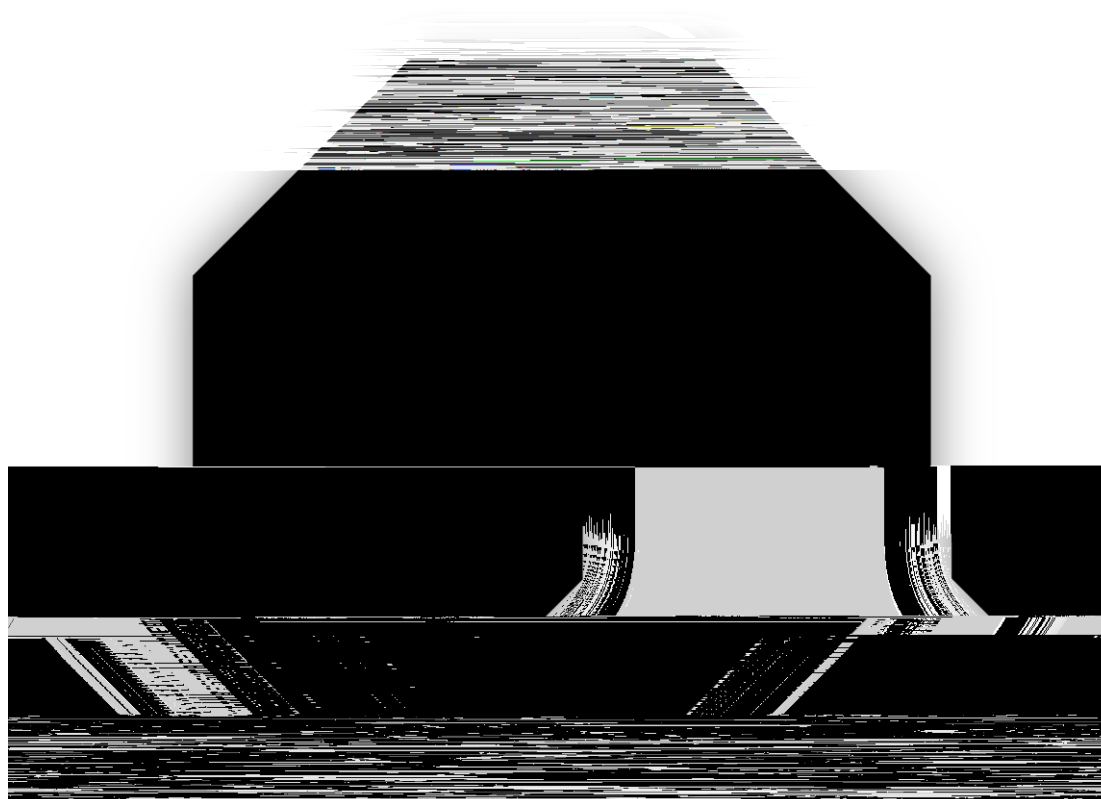


Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
	Ú~!&@æ•^áÁ íæ, Á {æ^!íææ}	Öæ!à[]Á•c^ÁÁ •ciá]	<input type="checkbox"/> Á [á•É!•^!Ç!&^•Áæ)áÁ <input checked="" type="checkbox"/> &æ]íææ!Á*[[á•KÁ <input type="checkbox"/> Á Ü~][]!á^!E•^&â-â&Á <input type="checkbox"/> {^c@[áÁ <input type="checkbox"/> Á P^!á!áÁ {^c@[áÁ <input checked="" type="checkbox"/> Á ÇÇ^!íæ*^E <input type="checkbox"/> {^c@[á <input type="checkbox"/> Á Ü^ <input type="checkbox"/> {^c@[áÁ <input type="checkbox"/> Á P [cÁ				<input type="checkbox"/> HI IGÁ*ÖU ₆ ^Á*	Ö&[á]Ç^}cHÉFÉ!áææàæ•^	FÉÉI ÍJÁ
	Ú~!&@æ•^áÁ íæ, Á {æ^!íææ}	Öæ!à[]Á•c^ÁÁ •ciá]	<input type="checkbox"/> P^!á!áÁ <input type="checkbox"/> ÇÇ^!íæ*^E <input type="checkbox"/> {^c@[á <input type="checkbox"/> Á Ü^ <input type="checkbox"/> {^c@[áÁ <input type="checkbox"/> Á P [cÁ					Ç^}cHÉFÉ!áææàæ•^	GíËËIIÁ

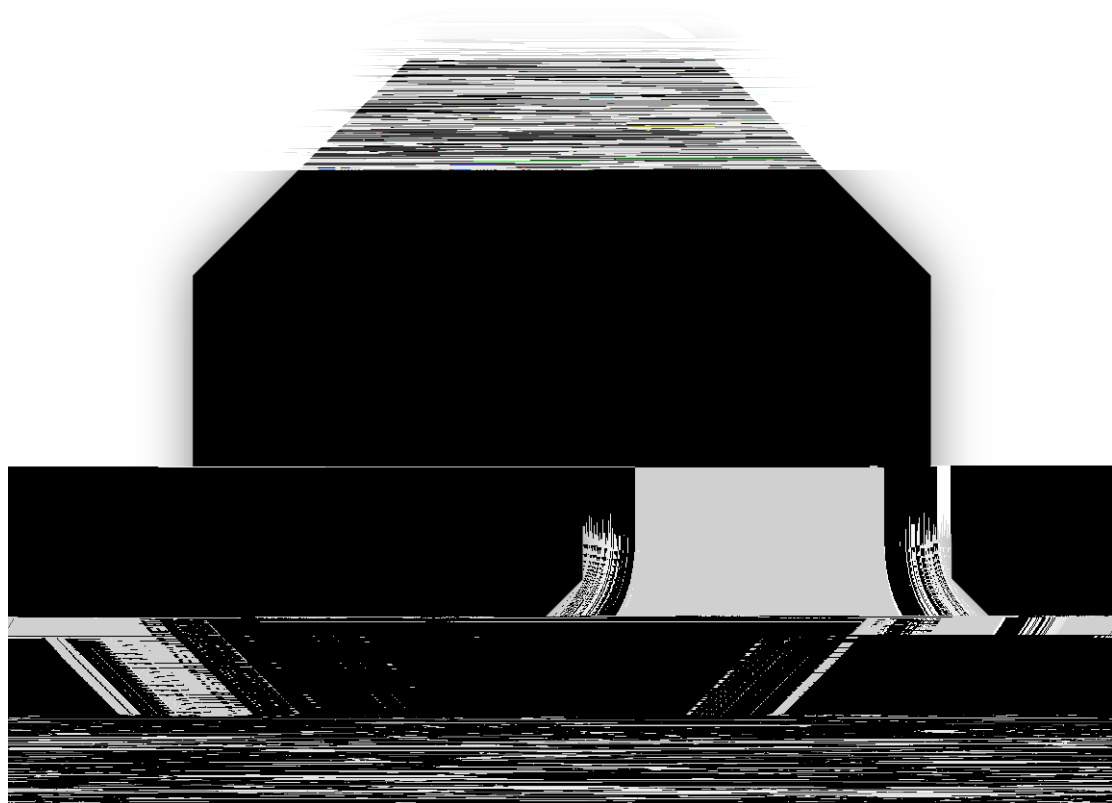
Emission
categories



Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	
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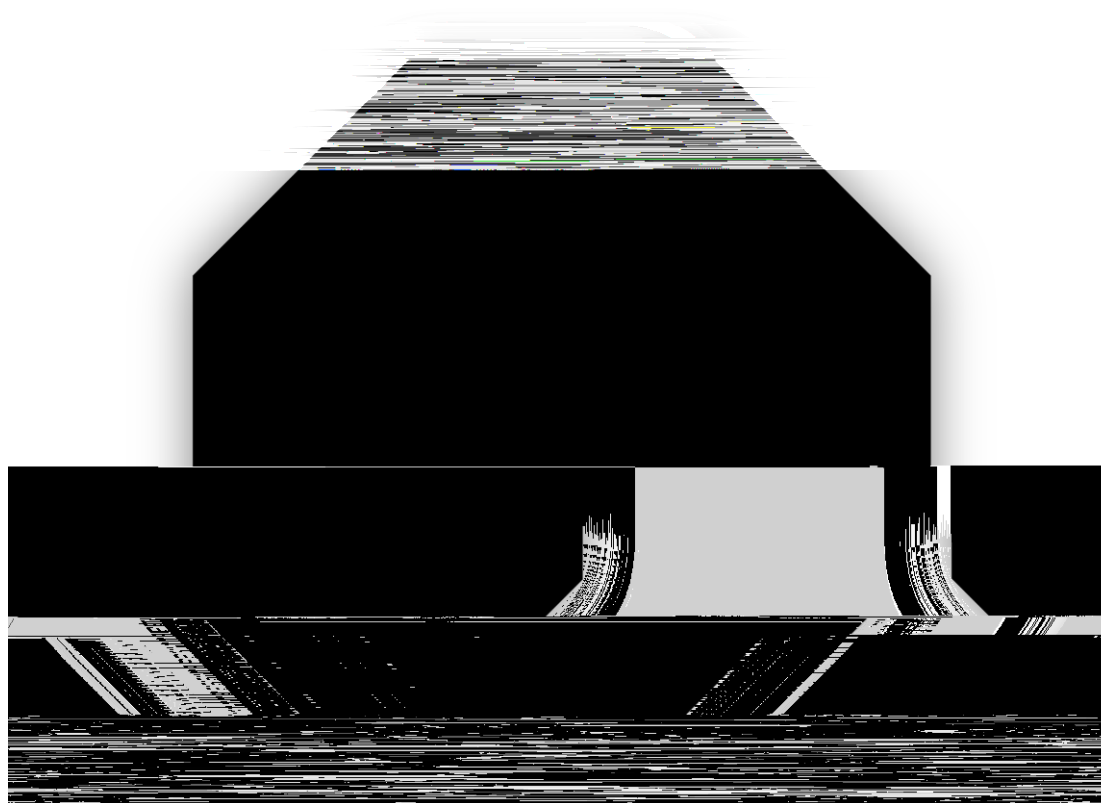
Emission categories	Emission source
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Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
	Ü~!&@æ•^áÁ !æ, Á {æc^!ææ}	Ü~àà^!	<input type="checkbox"/> Ö [[á•É!•^!ç!æ&^•!æ } áÁ &æ] äæ!Á* [[á•KÁ <input type="checkbox"/> Á Ü~]] á^!É•^!&á-á&Á { ^c@ [áÁ <input type="checkbox"/> Á P^á!áá { ^c@ [áÁ <input checked="" type="checkbox"/> Á Çç^!æ*^ÉF { ^c@ [á <input type="checkbox"/> Á Ü^ { ^c@ [áÁ <input type="checkbox"/> Á P [cÁ					Ö& [á } ç^ } ç!HÉFÉ!áæcàæ•^	ÉÉGÉÍÉ!Á
	Ü~!&@æ•^áÁ !æ, Á {æc^!ææ}	CE!	<input type="checkbox"/> P^á <input type="checkbox"/> Çç^!æ*^ÉF { ^c@ [áÁ <input type="checkbox"/> Á P [cÁ]] á&æà ^Á						

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"/> [[â•É!•^!ç!&^•!æ}â! &æ]âæ!â* [[â•K!â <input type="checkbox"/> Á Ü ~]] â^!E•]^&â-â&â { ^c@ [â!â <input type="checkbox"/> Á P ^ â!ââ! { ^c@ [â! <input checked="" type="checkbox"/> Á Çç^!â•^E { ^c@ [â! <input type="checkbox"/> Á Ü ^ { ^c@ [â! <input type="checkbox"/> Á P [ç!â							
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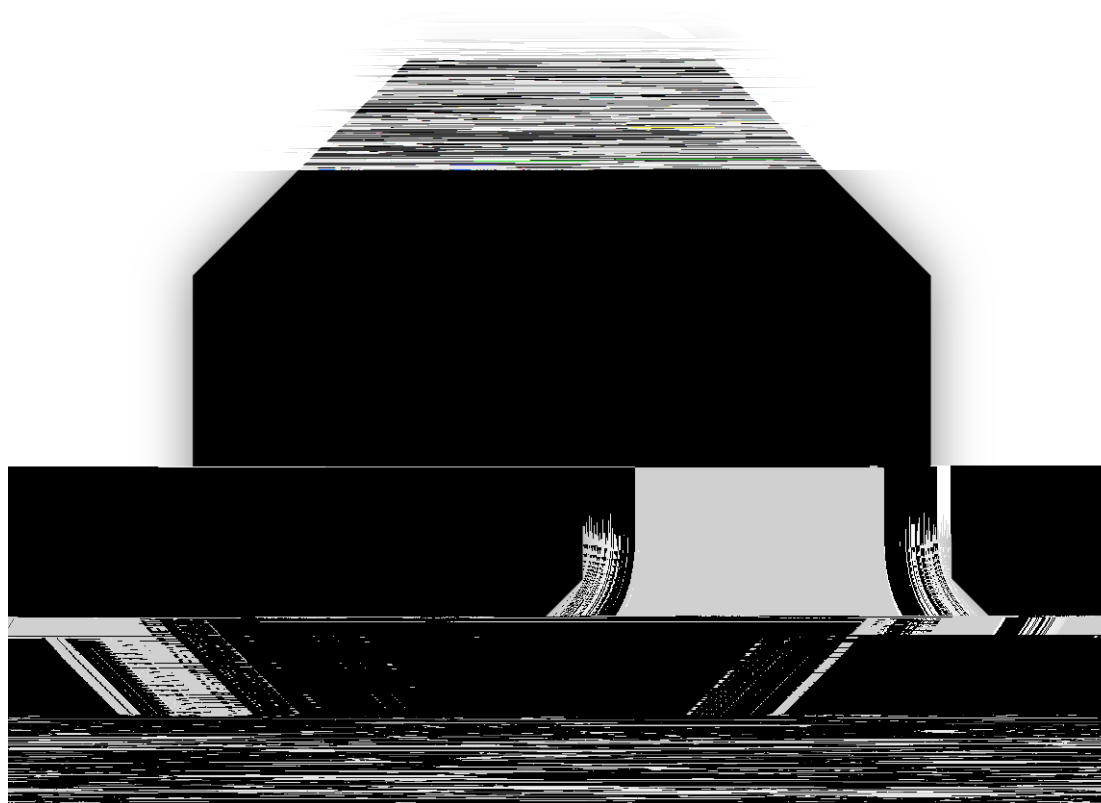


Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
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	Ú~!&@æ•^ãÁ iæ, Á { æc^!iæj	Q• []! []æ} []	Ö []! []ã•!ã!çã&^ã!ãæ}ãÁ &æ]ãæÃ* []!ã•KÃ □Ã Ü~ []]!ã^!E•^ã&ã-ã&Ã {^c@ []ãÁ □Ã P^ã!ããÃ {^c@						
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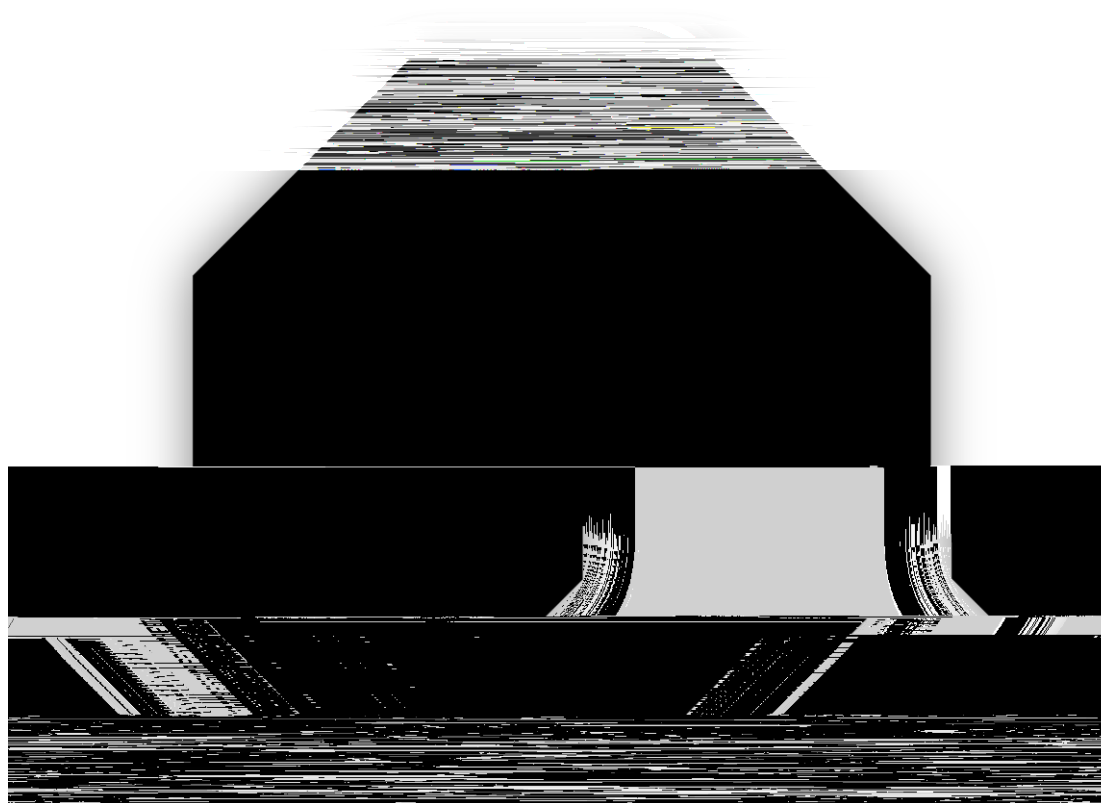


U!*æ)â:æcâ[]æ)ΑΌΡΌΧ^!â-â&æcâ[]ÄÜ^][!cÁQÜUÁF!É!ÉF!GÉF!ÁÓPÉÜ
Ü^][!cÁP[ÉKÁ!É!FÉG!ÉFHFJÁÜ^çÉF



ÔÔÔ´ΌΡΌ´ø´εJÉÉ!ÔÔÜÁÁÁÁ X^!•â[]Á€ÁÁÁÁÁÁÁ Ô--^&çç^!Öæc^!GÉG!ÉÉGÉÉ!ÁÁÁ Üæ*^! ÍJÁ [-Á FFG

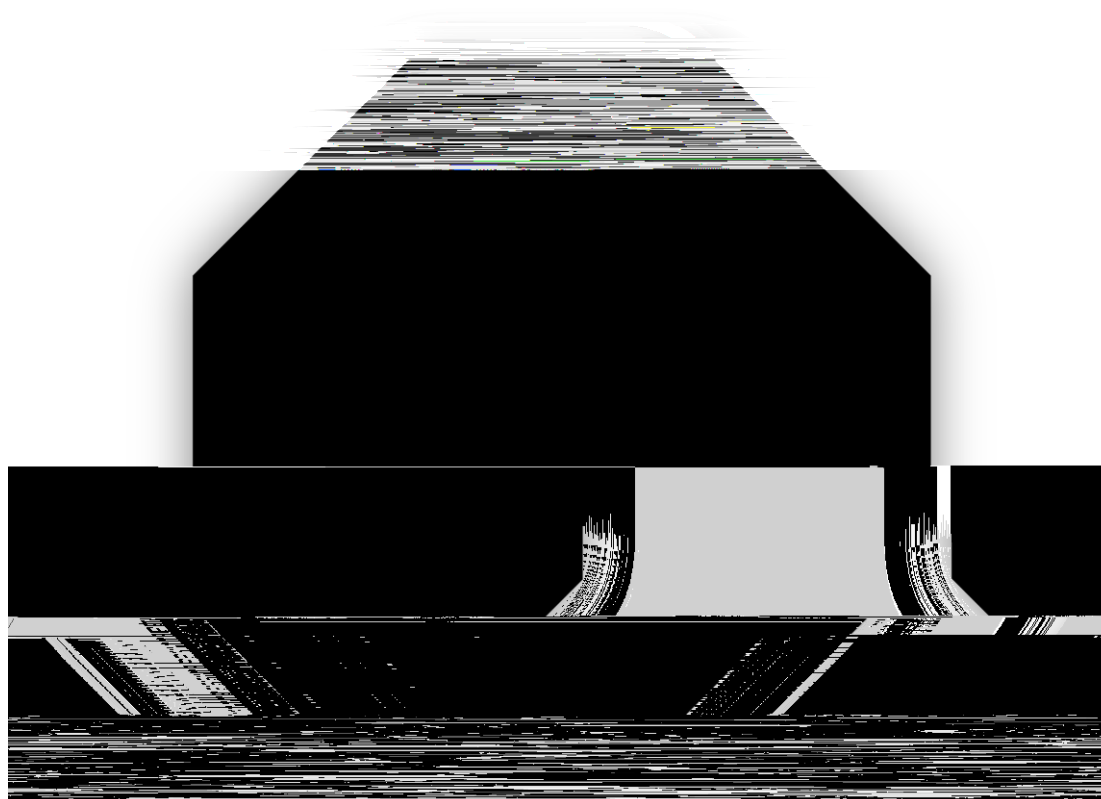
Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data
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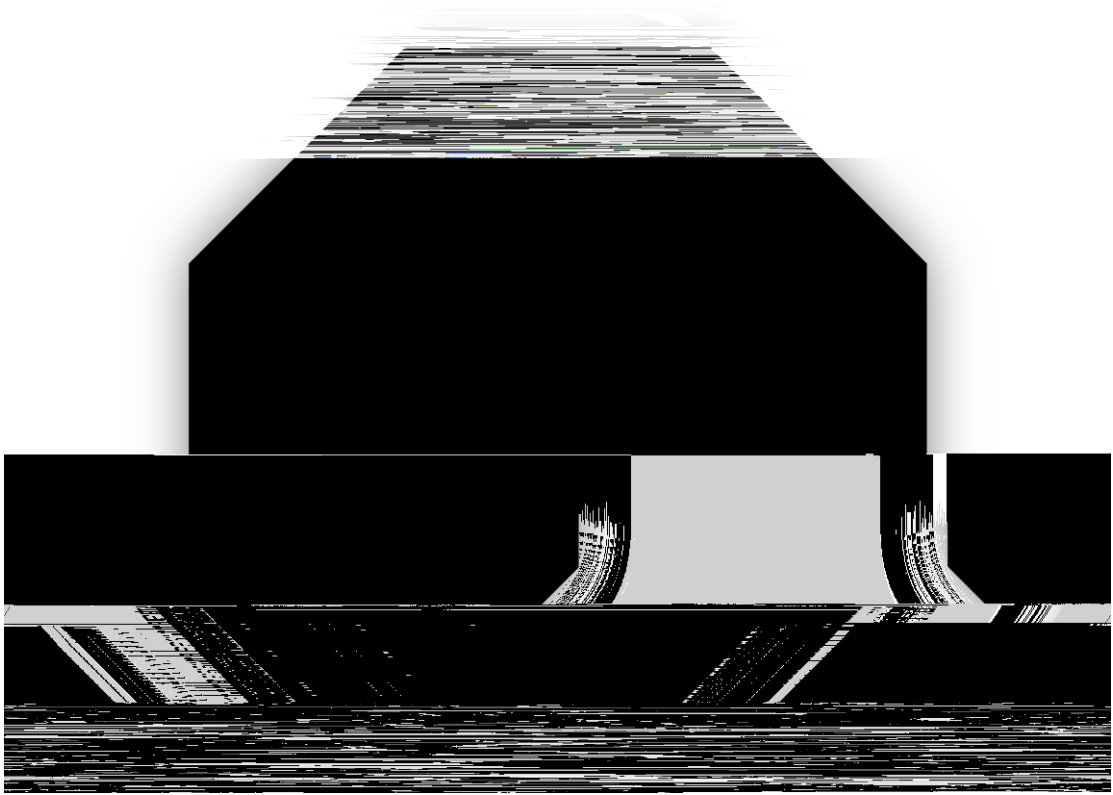


Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
	Ú~!&@æ•^áÁ !æ, Á {æc^!ææ}	œ) [á^Á &[]] ^!á]; [á~&c	<input type="checkbox"/> Á Ü~]] á^!É• ^&â-â&Á <input type="checkbox"/> Á P^!á!áÁ { ^c@ [áÁ <input checked="" type="checkbox"/> Á Çç^!æ* ^ÉF <input type="checkbox"/> Á P [cÁ					Ö& [á] ç^ } cHÉFÉ!áæcæàæ•^	F!ÉHFÉ!íFGÁ
	Ú~!&@æ•^áÁ !æ, Á {æc^!ææ}	œ) [á^Á &[]] ^!á]; [á~&c	<input type="checkbox"/> Á Ü~]] á^!É• ^&â-â&Á <input type="checkbox"/> Á P^!á!áÁ { ^c@ [áÁ <input checked="" type="checkbox"/> Á Çç^!æ* ^ÉF <input type="checkbox"/> Á P [cÁ					Ö& [á] ç^ } cHÉFÉ!áæcæàæ•^	íííííÉ!HÁ

Emission categories	Emission source	Facilities or process	Accounting method
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U!*æ}â:æcâ[}æ|ÃÖPÕÃX^!â-â&æcâ[}ÃÜ^][!cÃQÛUÁF!€Î|ÉF!G€F!Ã





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)
	Ü []!âÁ, æ•c^Á c!^æc { ^ }c	Ôæà ^Á c!^æc { ^ }c	<input type="checkbox"/> Yæ•c^X <input type="checkbox"/> Á Ü ~]]!â!É•]^&â-â&! { ^c@ [â!			EGT!• []!âÁ, æ•c^Á	€ÉJFÉHÁ\ *ÔUc^Á *	Ô& [â]ç^ }c!HÉFÉ!âæcââæ•^	G!ÉF!í!Á
	Ü []!âÁ, æ•c^Á c!^æc { ^ }c	ÜcM	<input type="checkbox"/> Yæ•c^X <input type="checkbox"/> Á Ü ~]]!â!É•]^&â-â&! { ^c@ [â!			EGT!• []!âÁ, æ•c^Á ç^ }c [!^!^& [!â	€ÉÉÉÉÉ	Ô& [â]ç^ }c!HÉFÉ!âæcââæ•^	€ÉÉÉÉÉ



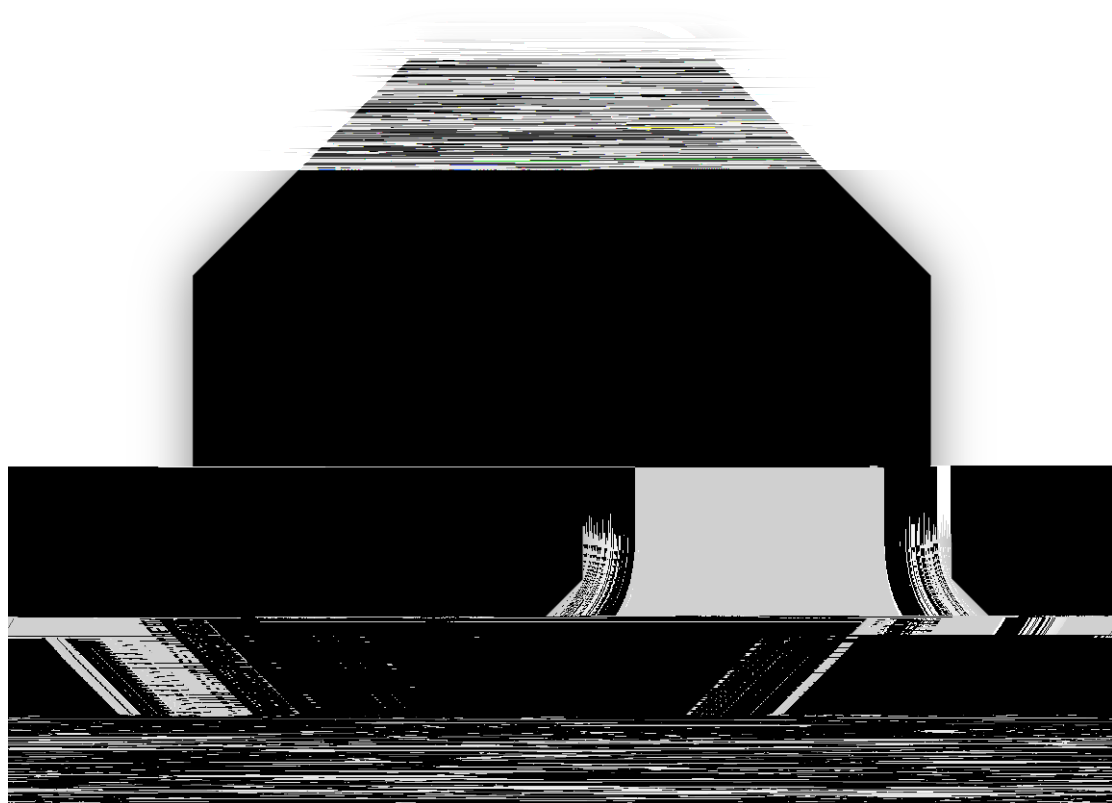
Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
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			Yæ•cX						
			<input type="checkbox"/> Ã Ü~][!ã!É•]^&ã-ã&ã						
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	Ü[!ãã!,æ•c^Ã	Ô[]^!ã	<input type="checkbox"/> Yæ•c^Éc~]^!É•]^&ã-ã&ã				GÉG!ã[!ãã!,æ•c^Ã		
	c!^æc { ^}c	!^&^&!^	{ ^c@[ã!ã						
			<input checked="" type="checkbox"/> Å Cç^!æ*^Éã						
			{ ^c@[ã!ã						
			<input type="checkbox"/> Å P[çã						



ÔÖÖ 'ÖPÖ 'ð '€JÉÉ! ÒÖÜÃÃÃÃ X^!•ã[]ÁÉÃÃÃÃÃÃÃ Ö--^&cç^!Öæc^!GÉG!ÉÉGÉÉ!ÃÃÃ Üæ*^Ã !ÃÃ [!Ã FFG

U!*æ)â:æcâ[]æ)ΑΌΡΌΧ^!â-â&æcâ[]ÄÜ^][!cÁQÜUÁF!É!ÉF!GÉF!ÁÓPÆÜ
Ü^][!cÁP[ÉKÁ!É!FÉG!ÉFHFJÄÜ^çÉF



ÔÔÔ´ÔΡÔ´ø´εJÉÉ!ÔÔÜÁÁÁÁ X^!•â[]ÁÉÉÁÁÁÁÁÁ



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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	Ü []ää, æ•c^Á c!^æc { ^ }c	Y []	Yæ•c^X <input type="checkbox"/> Á Ü ~]] á^!É•] ^&â-â&Á { ^c@ [áÁ <input type="checkbox"/> Á P [çÁ			GEGT• []ää, æ•c^Á ç^ } c []^!^& []!á	€€€€€€*ÖUc^Á*	Ö& []ç^ } ç!HÉFÉ!áæcâàæ•^	€€€€€€!



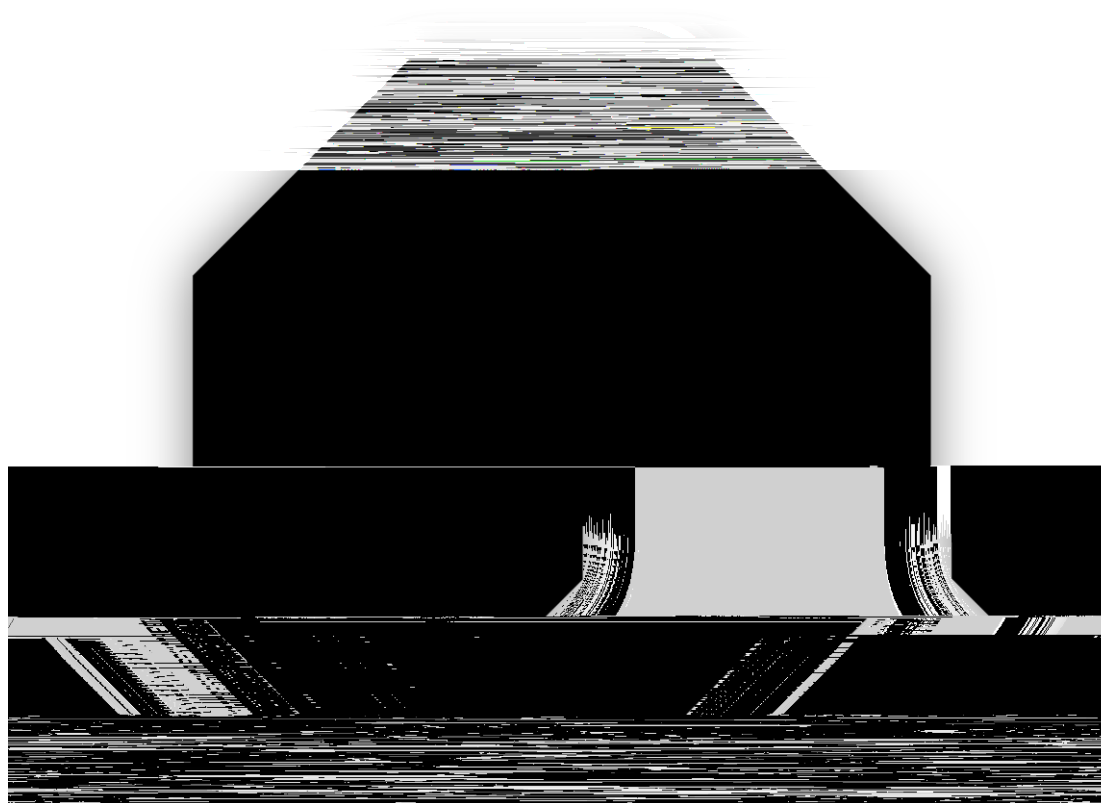
Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
	Pæ:æ!â[~•Á ,æ•c^Á c!^æc{^}c	Yæ•c^!â~&\^cÁ c!^æc{^}c	<input type="checkbox"/> Yæ•c^X <input type="checkbox"/> Á Ü~]]!â!É•]^&â-âÁ <input type="checkbox"/> {^c@[â! <input type="checkbox"/> Á Yæ•c^Éc~]^É•]^&â-âÁ <input type="checkbox"/> {^c@[â! <input checked="" type="checkbox"/> Á Çç^!æ*^ÉF <input type="checkbox"/> {^c@[â! <input type="checkbox"/> Á P[çk			GEG!â@æ:æ!â[~•Á æ•c^!cæ)•^!â[â]ç	GÉ!GH!Á*ÖUc^Á*	Ö&[â]ç^}ç!HÉFÉ!âæcâàæ•^	JÉJ!ÍJÁ
	Pæ:æ!â[~•Á ,æ•c^Á c!^æc{^}c	Üæ c!^æc{^}c	<input type="checkbox"/> Yæ•c^X <input type="checkbox"/> Á Ü~]]!â!É•]^&â-âÁ <input type="checkbox"/> {^c@[â! <input type="checkbox"/> Á P[çk			ÉGIÁ@æ:æ!â[~•Á c^!cæ)•^!â[â]ç [!â^!Á	GÉ!GH!Á*ÖUc^Á*	Ö&[â]ç^}ç!HÉFÉ!âæcâàæ•^	ÍÉ!ÍHJÁ

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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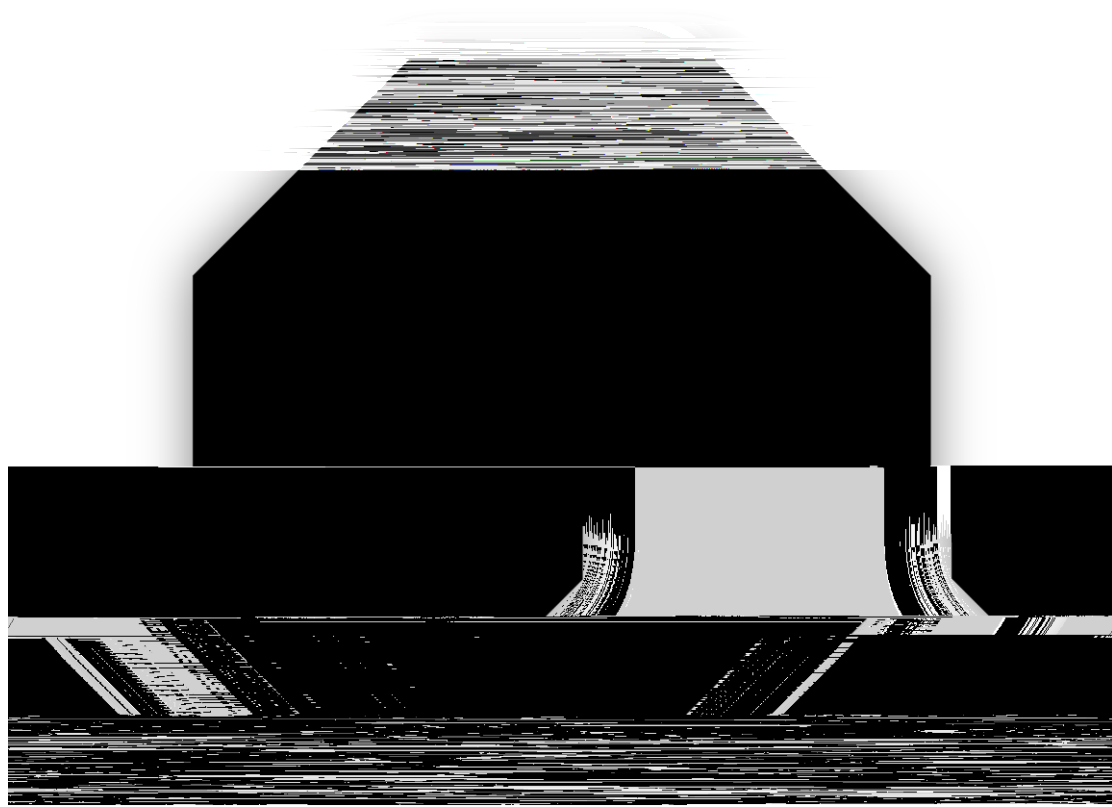
			<input type="checkbox"/> Yæ•c^X <input type="checkbox"/> Á Ü ~]] â^!E•]^&â-â&A <input type="checkbox"/> { ^c@ [âÁ <input type="checkbox"/> Á Yæ•c^Eç~] ^E•]^&â-â&A <input type="checkbox"/> { ^c@ [âÁ <input checked="" type="checkbox"/> Á ÇEç^!æ*^E <input type="checkbox"/> { ^c@ [âÁ <input type="checkbox"/> Á Þ [çâ						
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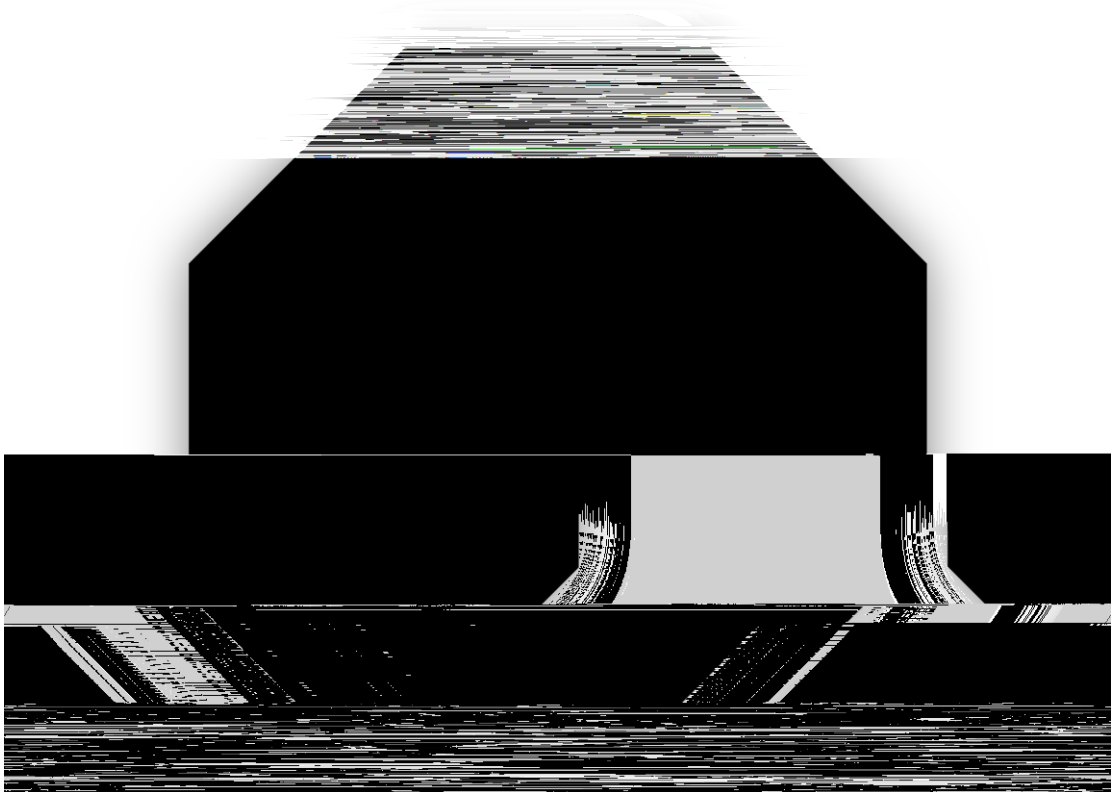
Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor
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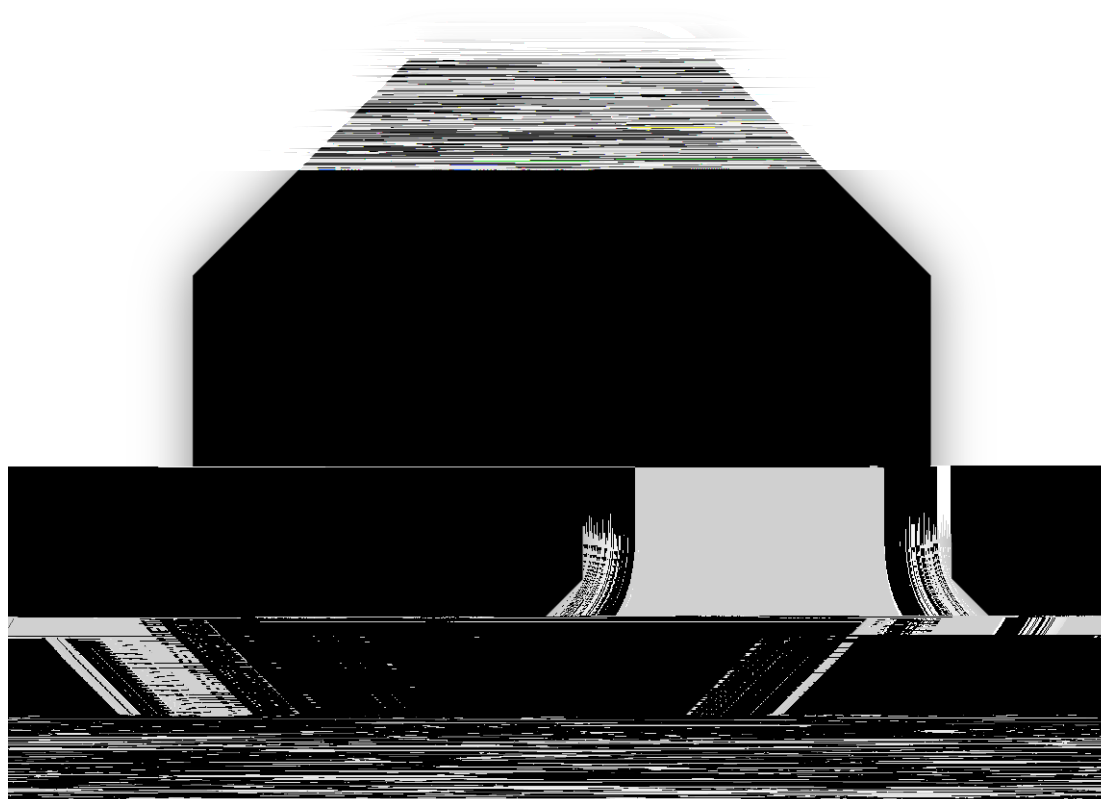
U!*æ}â:æcâ[}æ|ÃÖPÕÃX^!â-â&æcâ[}ÃÛ^][!cÃQÛUÁF!€Î!É



U!*æ}â:æcâ[]æ|ÃÕPÕÃX^!â-â&æcâ[]ÃÜ^][!cÃ



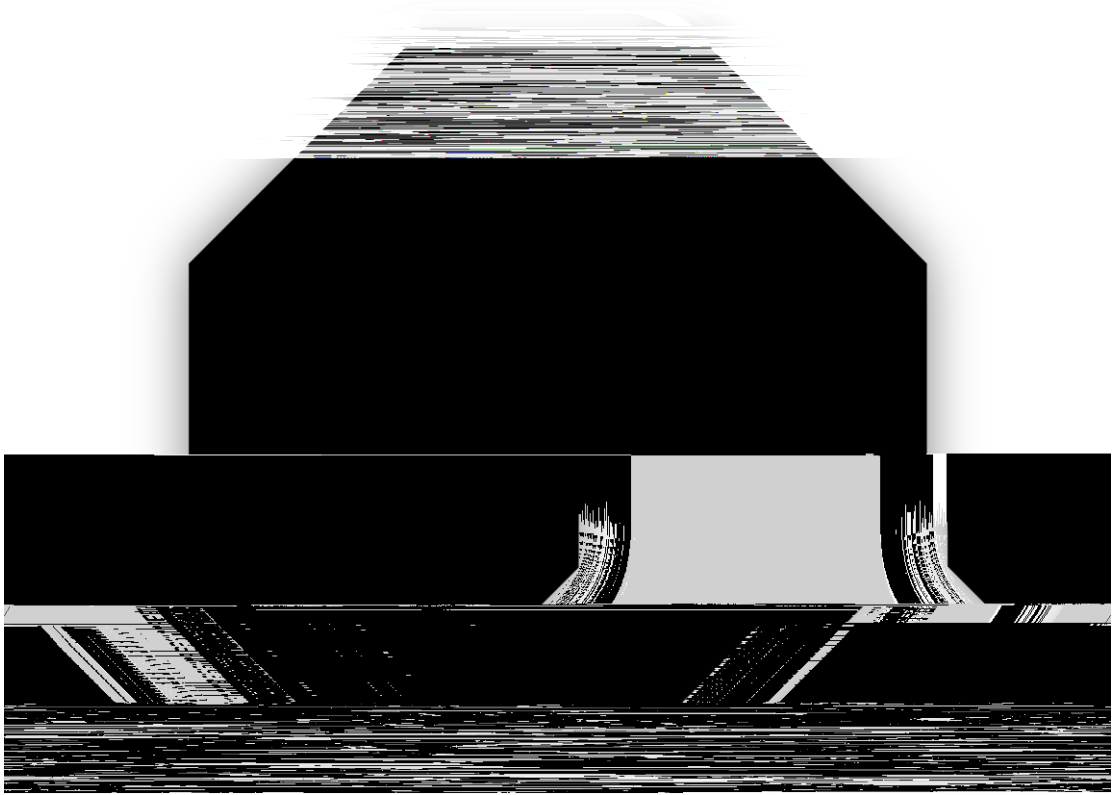
Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	
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Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
	Ú! [á~&cá ää.] [•æ]	Yæ•c^Á ^!^&c! []â&Á & [{ } [] ^ } c	Yæ•c^X <input type="checkbox"/> Á Ü ~]]] { ^c@ [áÁ <input type="checkbox"/> Á Yæ•c^Éc^] ^É•] ^&â-â&Á { ^c@ [áÁ <input checked="" type="checkbox"/> Á Çç^!æ* ^ÉF { ^c@ [áÁ <input type="checkbox"/> Á P [cÁ				FÉÉÍÍÁ*ÖUc^Á*	Ö& [á } ç^ } c^HÉFÉ!áæcâàæ•^	ÏJGÉFÎHÍÁ
	Ú! [á~&cá ää.] [•æ]	Yæ	Yæ•c^X <input type="checkbox"/> Á Ü ~]]] { ^c@ [áÁ <input type="checkbox"/> Á P [cÁ			Üæ , Á { æc^!ææ)Á ~•âcâ [] Á!^& [!á	€€€F [] Ö	ç^ } c^HÉFÉ!áæcâàæ•^	HÍÉÍÉÍÁ

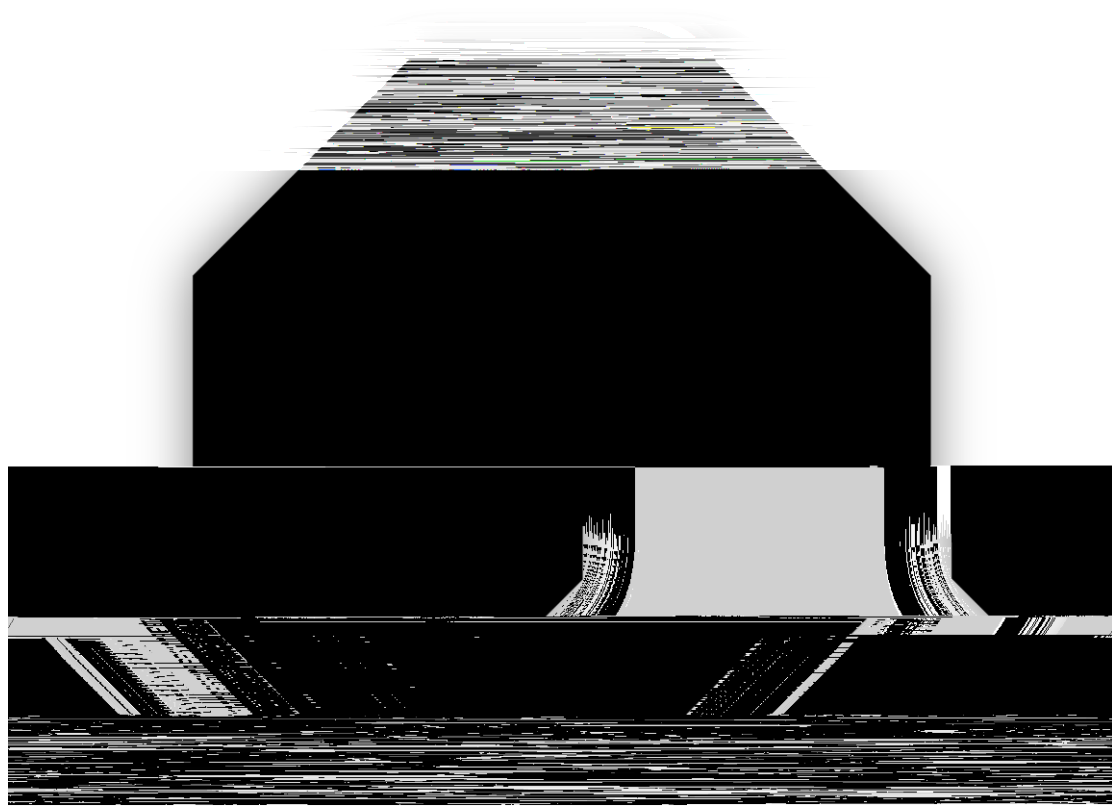
U!*æ}â:æcâ[}æ|ÃÖPÕÃX^!â-â&æcâ[}ÃÜ^][!cÃQÛUÁF!€Î|ÉF!G€F!Ã





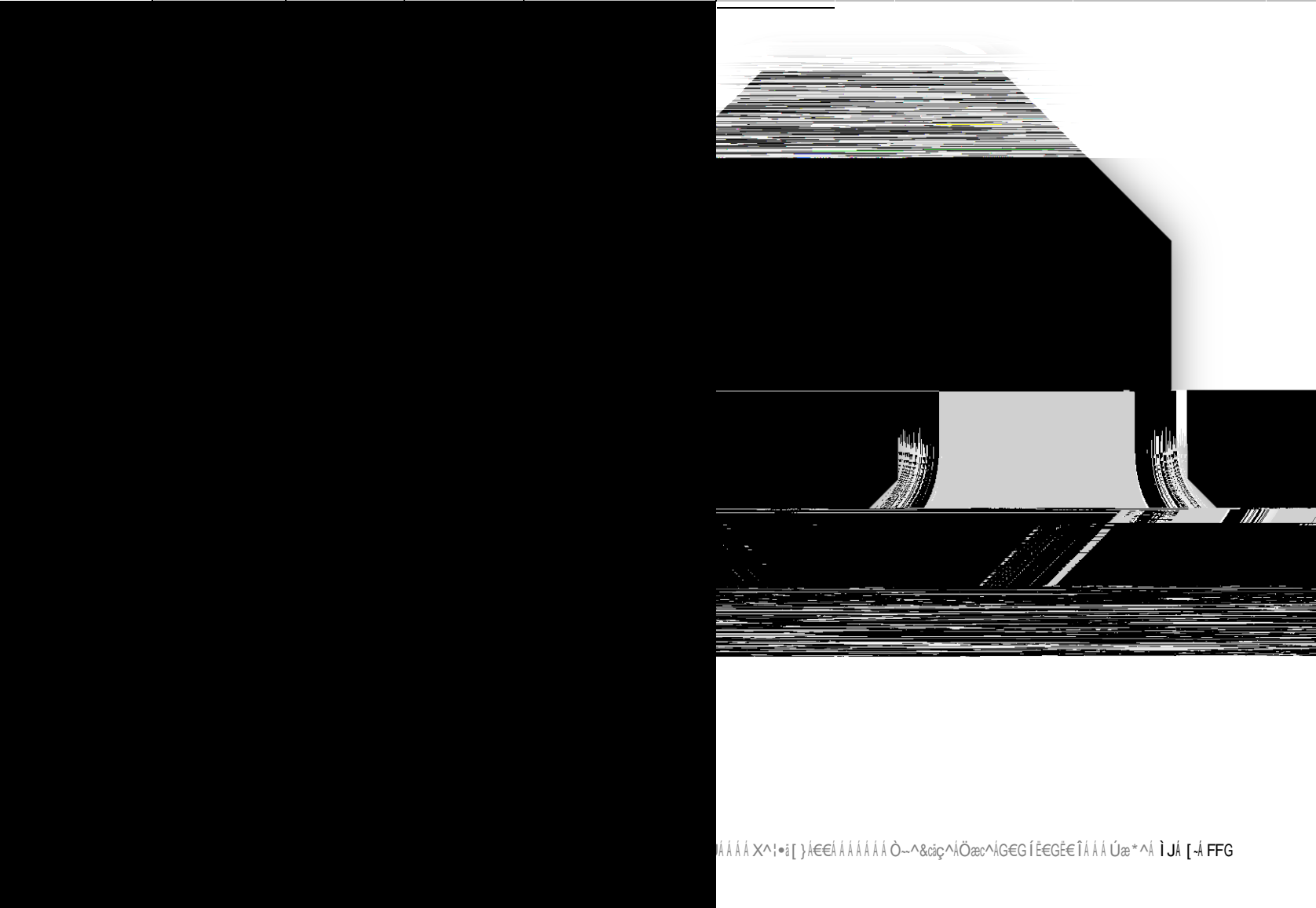
Emission categories	Emission source	Facilities or process	Accounting method	Activity data	Unit	Source of activity data	Emission factor/Mass balance coefficient	Source of activity data	GHG emission (tCO ₂ e)
	Ú:[á~&cá ää.] [•æ]	Yæ•c^Á•c^Λ	Yæ•c^K <input type="checkbox"/> Á Ü~]] á^É•] ^&â-â&á { ^c@ [áá <input type="checkbox"/> Á Yæ•c^Éc~] ^É•] ^&â-â&á { ^c@ [áá <input checked="" type="checkbox"/> Á Cç^!æ* ^É { ^c@ [áá <input type="checkbox"/> Á P [c&				€€FÍÁ *ÖUc^Λ *	Ö&[á}ç^ }c^HÉFÉ!áæcâàæ•^	HHÉÍIGFÁ
	Ú:[á~&cá ää.] [•æ]	æ	Yæ•c^K <input type="checkbox"/> Á Ü~]] á^É•] ^&â-â&á { ^c@ [áá <input type="checkbox"/> Á P [c&			Üæ , Á { æc^!ææ}Á ~~i•câ[]Á!^&[!á	€€G...Ö	ç^ }c^HÉFÉ!áæcâàæ•^	FHÉIJHÍÁ

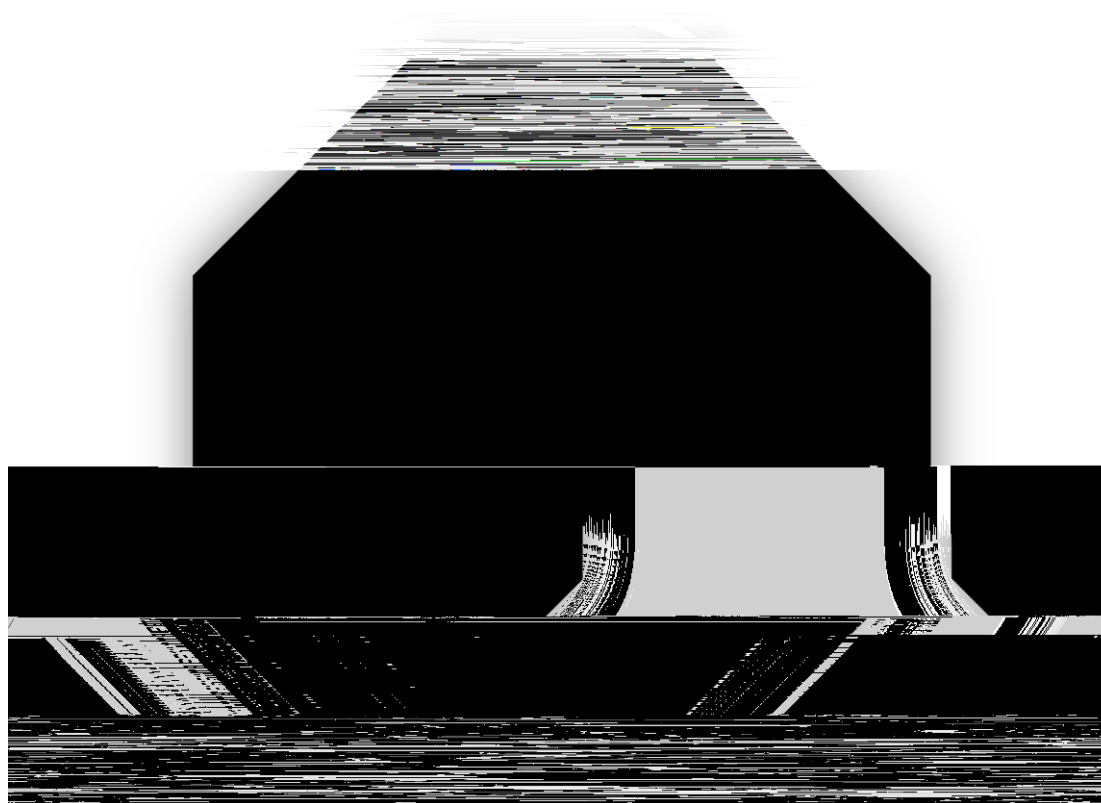
U!*æ}â:æcâ[]æ|ÃÕPÕX^!â-â&æcâ[]Ã





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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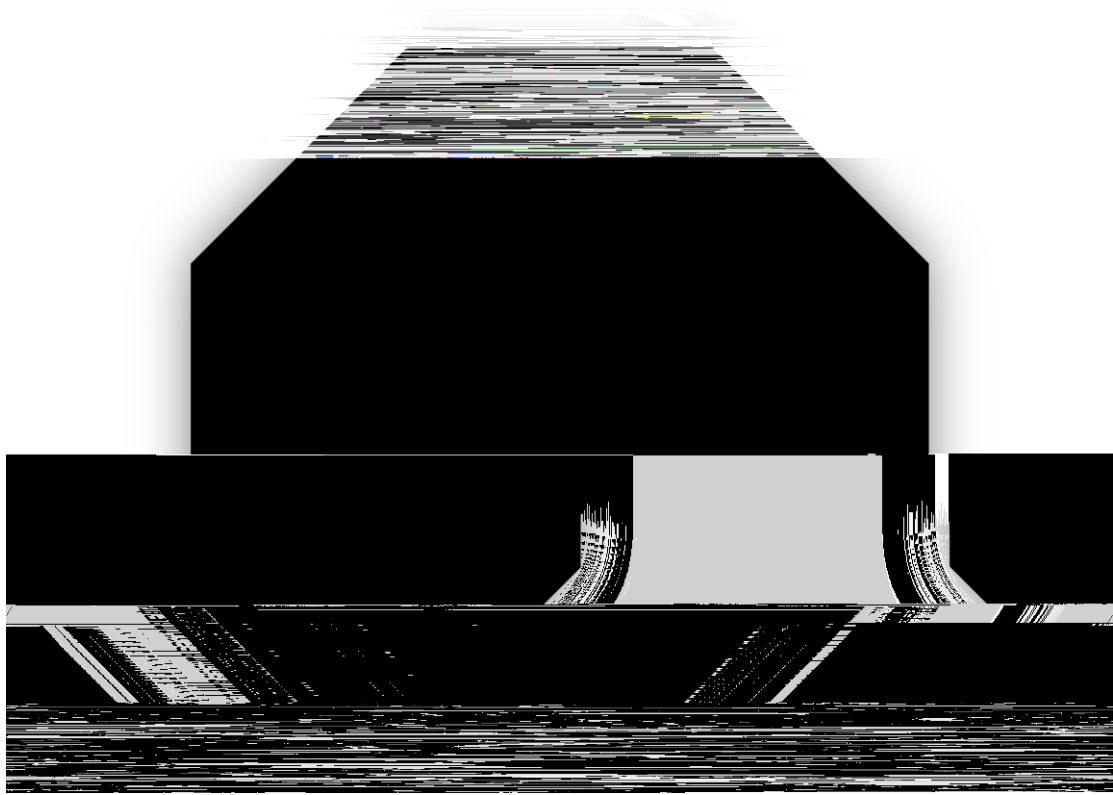




Global warming potential

V@^Ä*| [] àæ|Ä , æ! { } *Ä [] c^ } cäæ|•Ä [] -Ää!^&cäæ } äÄä } ää!^&cÄ*!^!^ } @ [] ~•^Ä*æ•^Ä^ { äcc^äÄä^Äc@^Ä^ } c^! } !ä•^Ä , ^!^Ä
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 •] ^&ä-ä&çæ|~^•äæ!^Äæ•Ä- [] [] , •KÄ

Gas name	Types of greenhouse gases involved in the verification process	Global warming potential
Carbon dioxide	ÖU ₆	F
Methane	ÖP ₁	GİÉJ
Nitrous oxide	Þ ₆ U	GİH





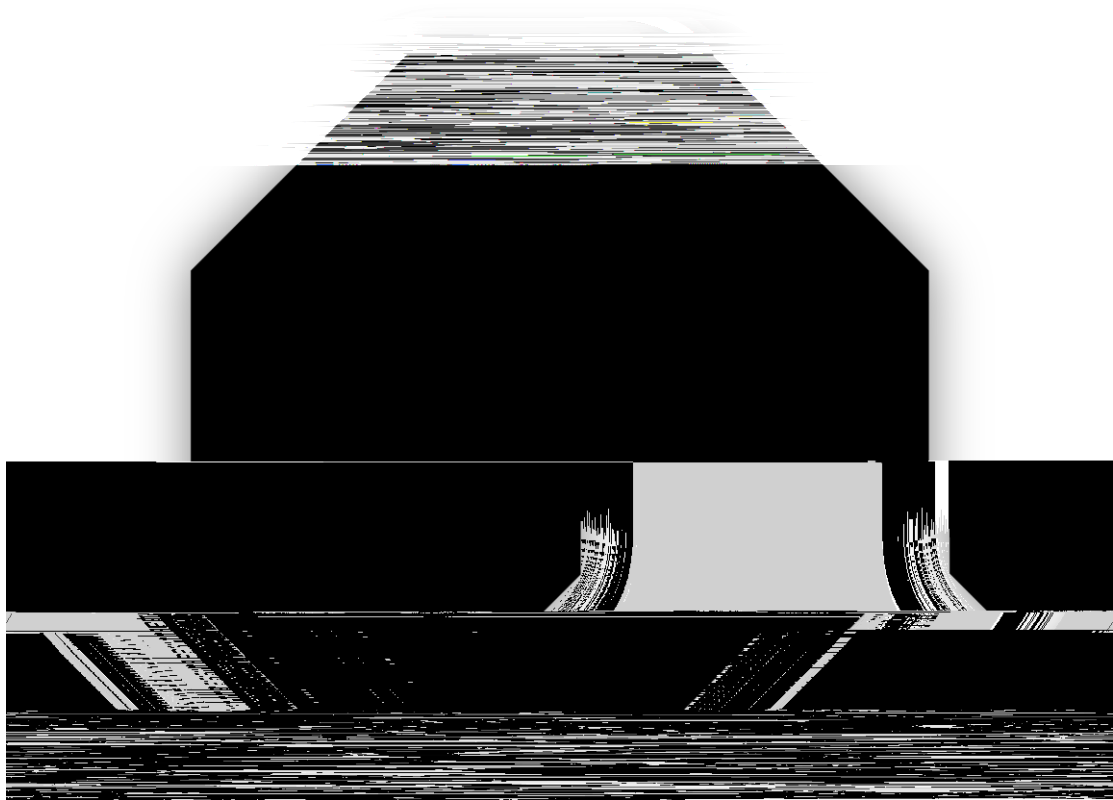
Anthropogenic biogenic CO₂ emissions	€€€€€	€€€€€	€€€€€	€€€€€	€€€€€	€€€€€	€€€€€
Anthropogenic biogenic other GHG emissions	î î è ì ì JH	€€€€€	€€€€€	€€€€€	€€€€€	€€€€€	î î è ì ì JH
Total	FJ!ÉH!Í!Î	ï ì ì HÈ€!Gï	GHI Í FÈ€F J	IHGÍHÎÈGÎ IF	HÍ!Í!ÉFHG F	€€€€€	IJJGFFÈH ì

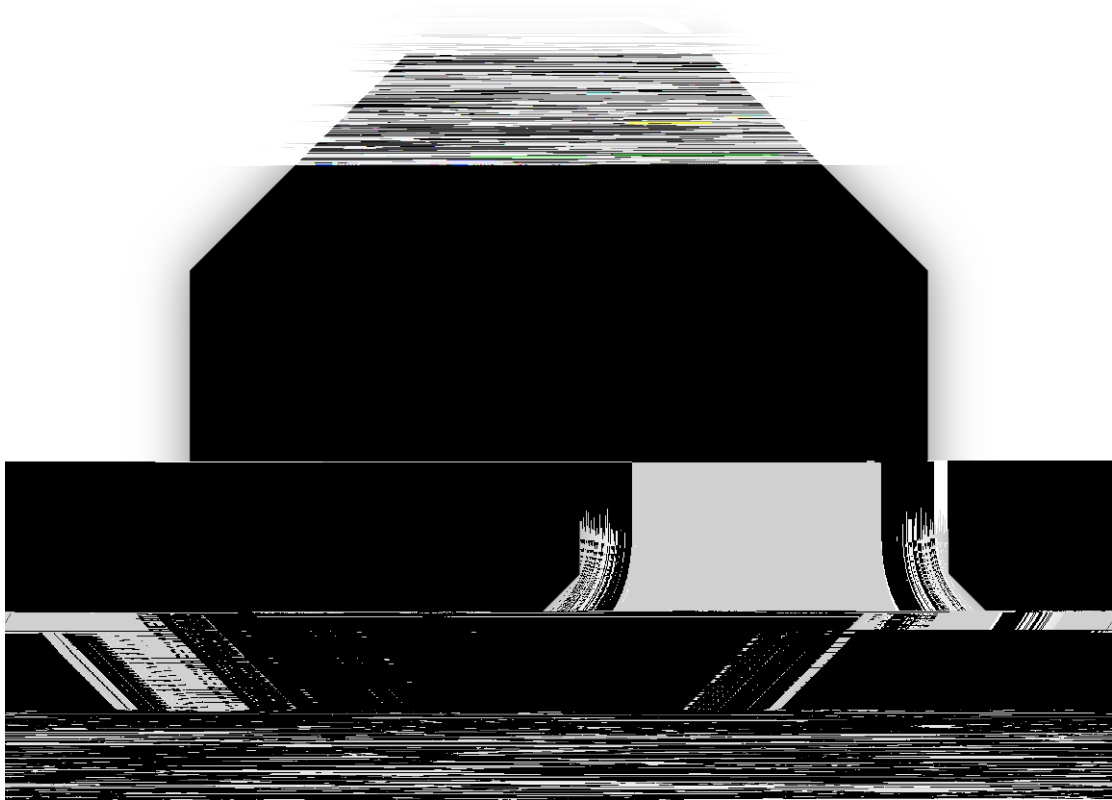
GHG emission analysis

Analysis of emissions of different categories of emission sources

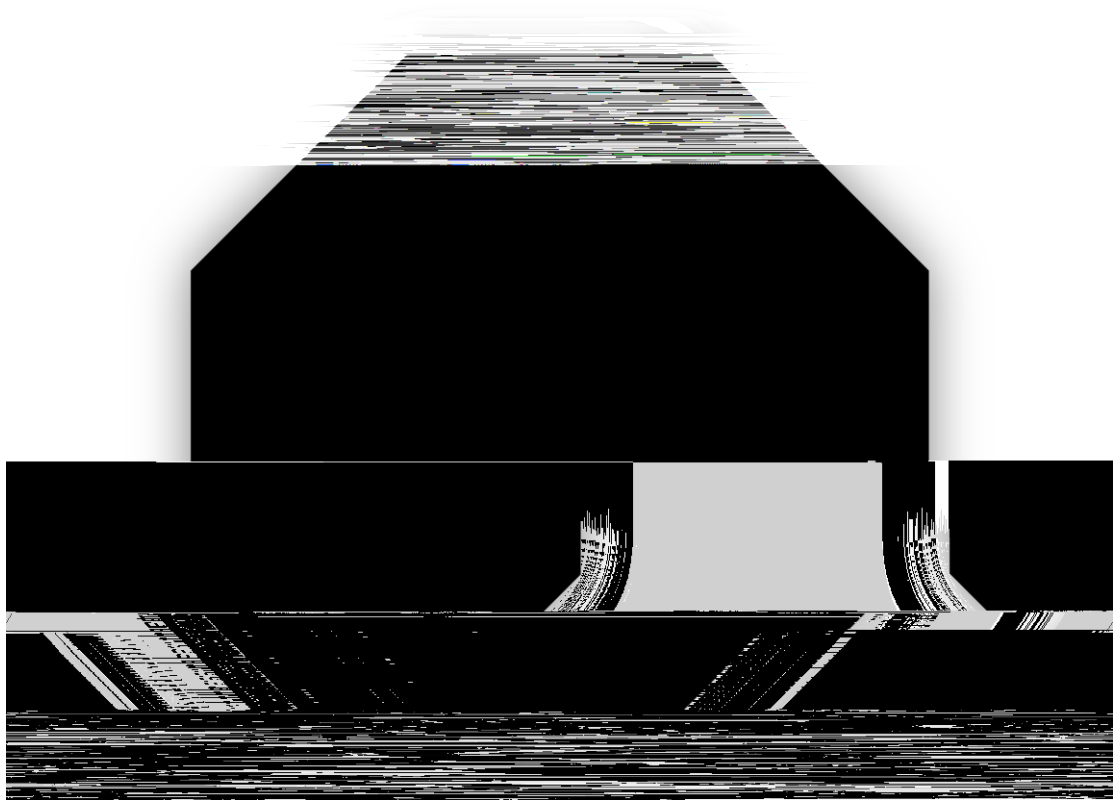
- Among the emission categories, anode copper strip is the largest emission category, accounting for about 13.16%.
- To fulfil corporate social responsibility and reduce the organization's supplier and design.

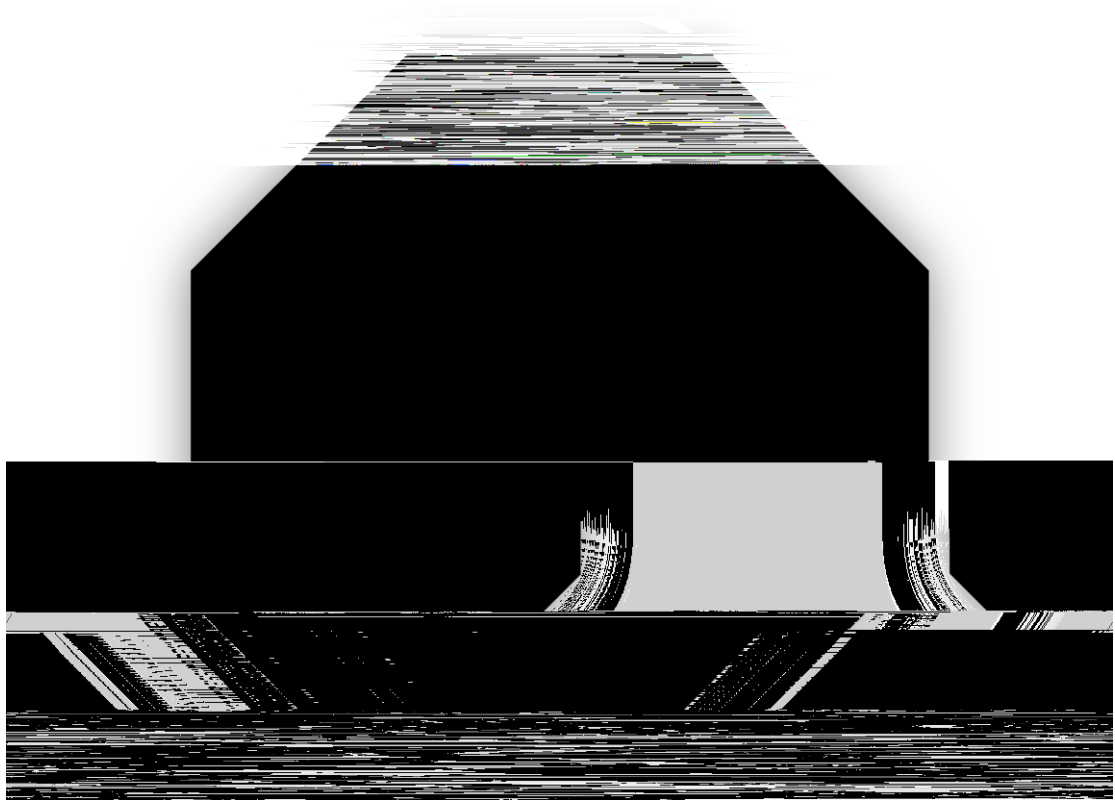
Analysis on emissions of different greenhouse gmET@424



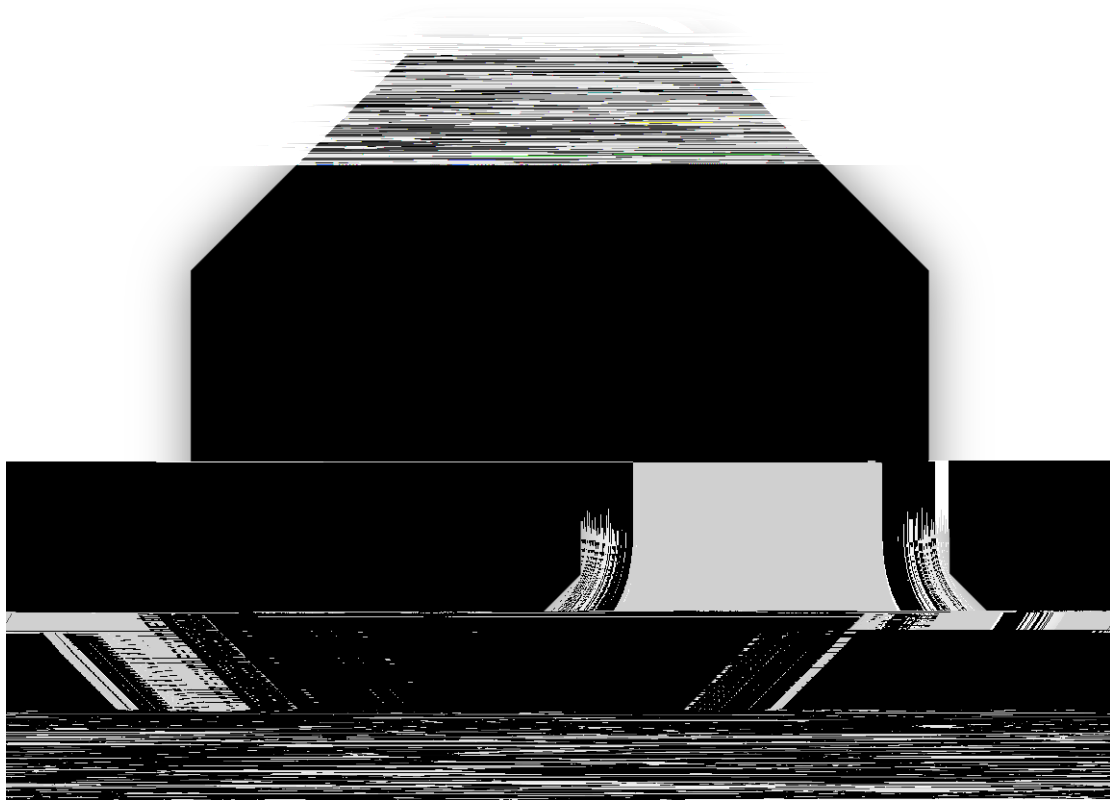


U! *æ} ä : æcà [] æ|ÁÕPÕÁX^!ä-ä&æcà [] ÁÜ^ [] !cÁQÙUÁF I € Î I ÈFKG€F I ÁÔPœÜ
Ü^ [] !cÁP [] ÈKÁ I € I F€G Í € FHFJÁÜ^ç€€

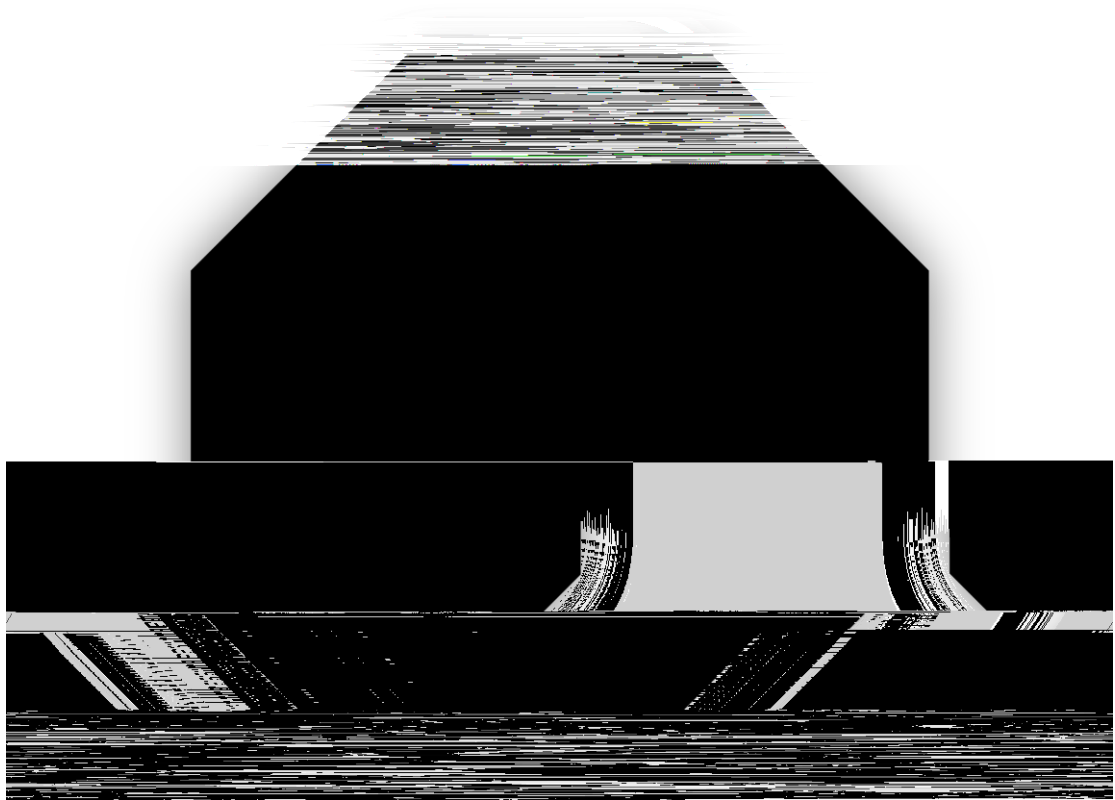




No.	Emissio n Facilitie s categori es	Activity dat
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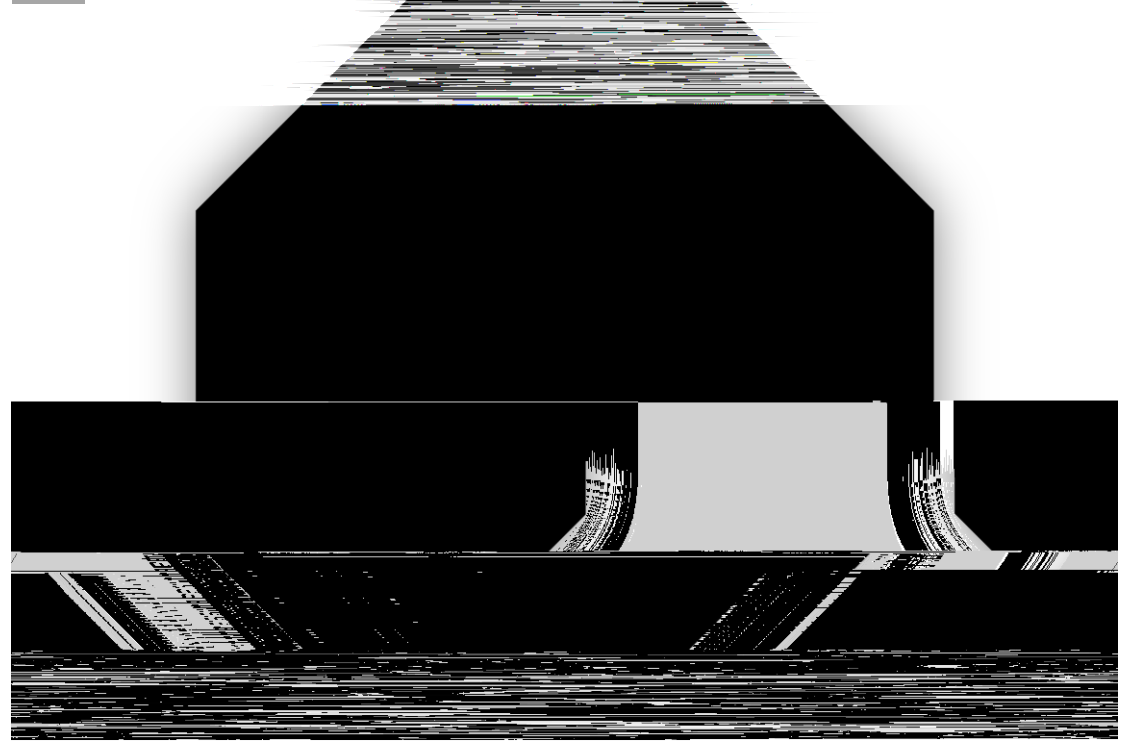


U! *æ} ä : æcâ [} æ|ÃÖPÕÁX^! ä-ä&æcâ [} ÁÜ^] [!cÁQÙUÁF I €î I ÈFKG€F I ÁÔPœÜ
Ü^] [!cÁP [È

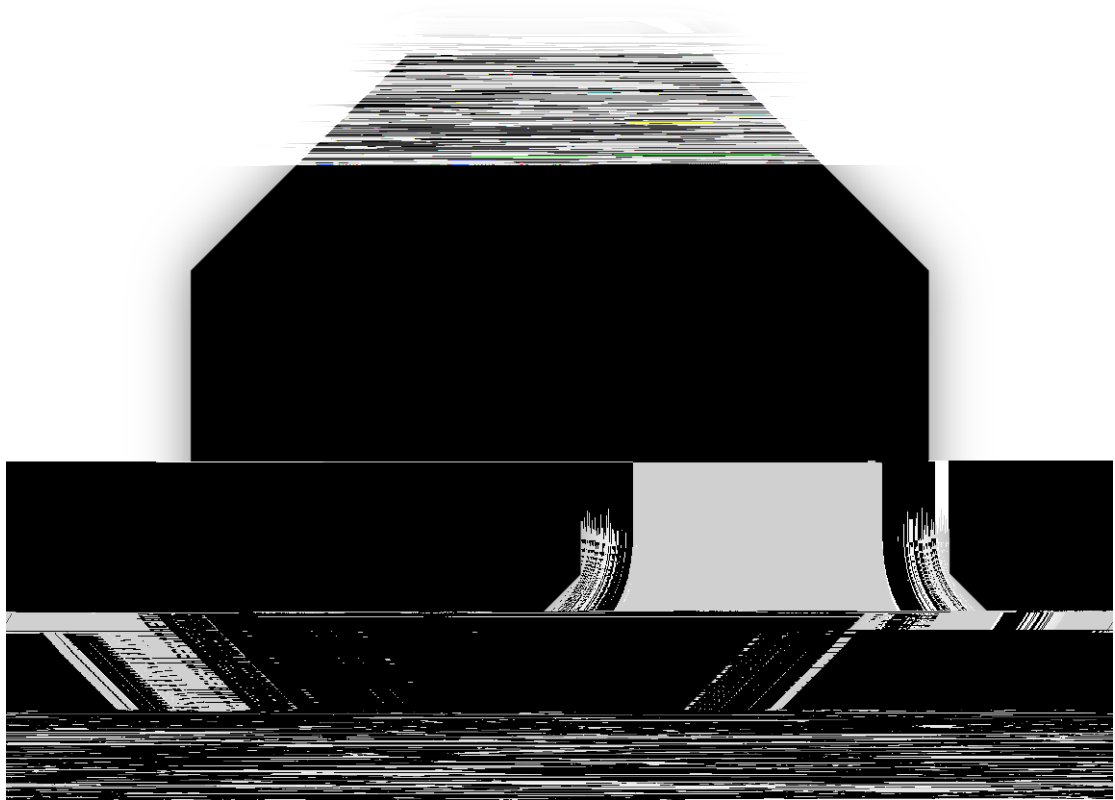


No.	Emission categories	Facilities	Activity data categories	Emission factor categories	Instrument calibration categories	Average score	Total emission (tCO ₂ e)	Emission proportion	Weighted average score
53	Ú~!&@æ•^ãÁ !æ, Á { æc^!ãæ}	ÚÖVÁ]!:[ã~&c	H	F	H	GÈHH	HÍ I ÈJ I I I Á	€€İ Ā	€€€Fİ

54



U! *æ} ä : æcà [] æ|ÁÕPÕÁX^!ä-ä&æcà [] ÁÜ^ [] !cÁQÙUÁF I €î I ÈFKG€F I ÁÔPœÜ
Ü^ [] !cÁP [] ÈKÁ I €I F€G I €FHFJÁÜ^ç€F

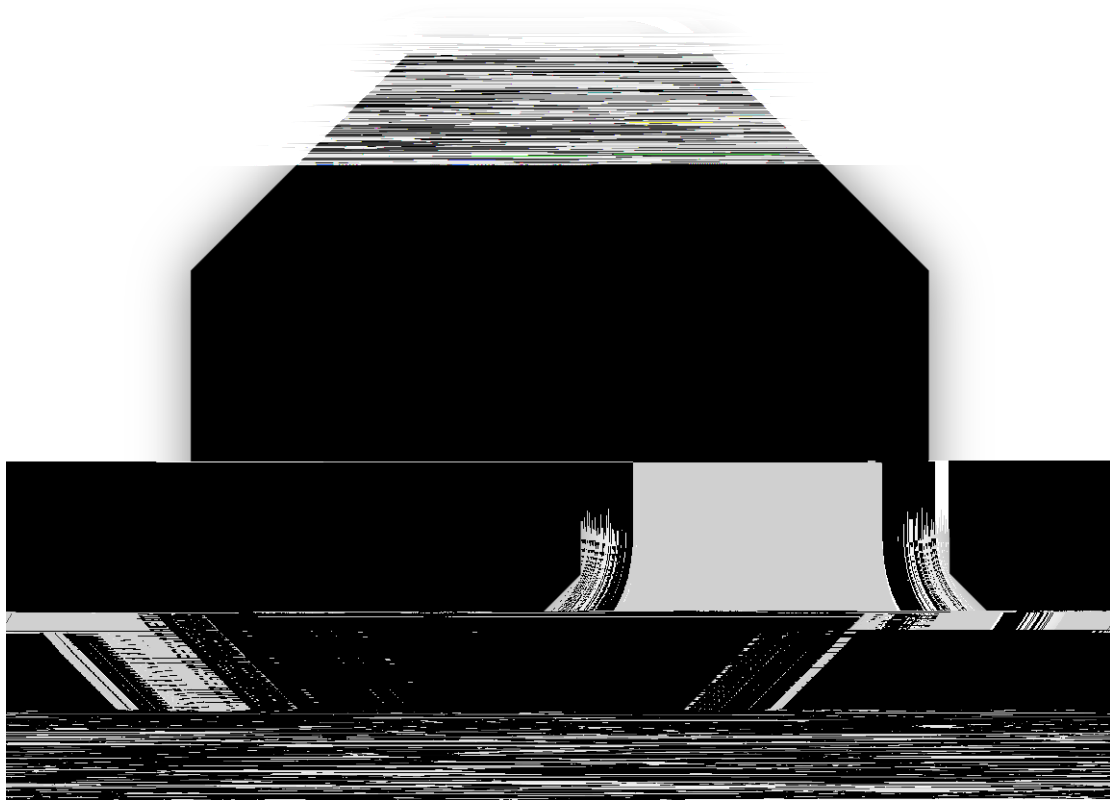




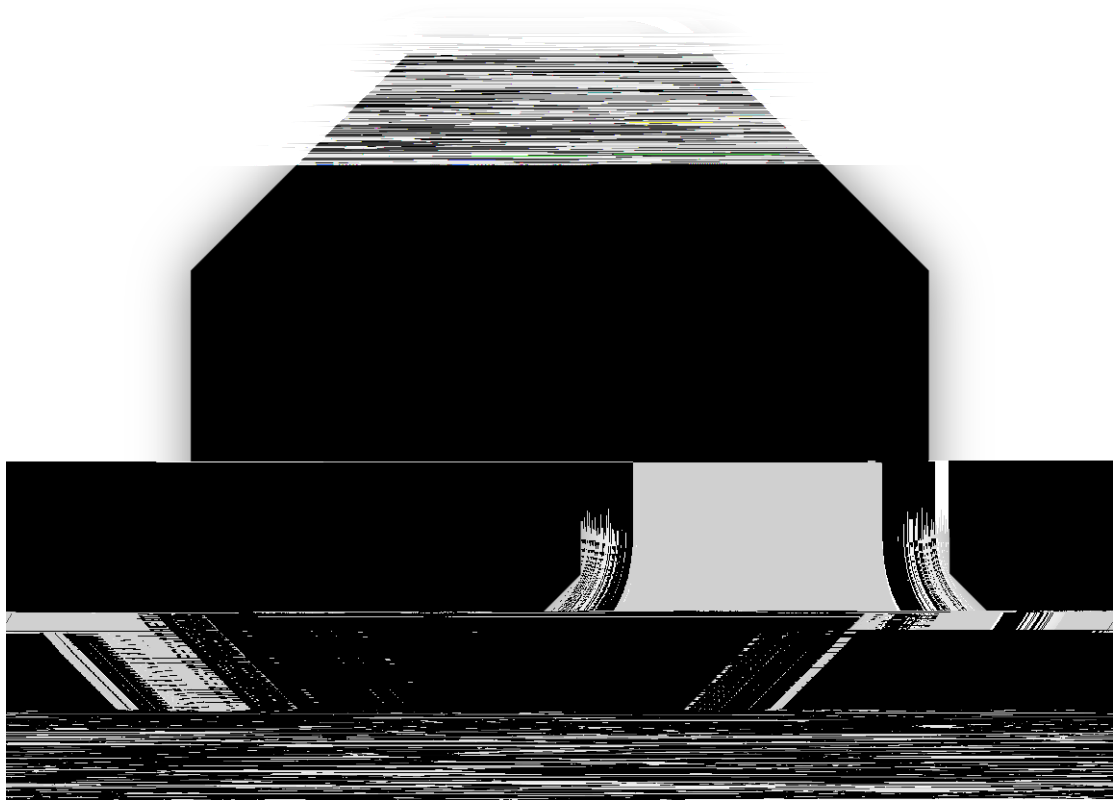
No.	Emission categories	Facilities	Activity data categories	Emission factor categories	Instrument calibration categories	Average score	Total emission (tCO ₂ e)	Emission proportion	Weighted average score
75	Ú~!&@æ•^ãÁ !æ, Á {æc^!æ}	U]câ&æ -iã^!	H	F	H	GÈHH	HJÈÎÎGJÁ	€€FÃ	€€€€G
76	Ú~!&@æ•^ãÁ !æ, Á {æc^!æ}	Ôæ!ã[]Á ã! [çã^	H	F	H	GÈHH	I€€GGIÁ	€€FÃ	€€€€G
77	Ú~!&@æ•^ãÁ !æ, Á {æc^!æ}	Új!ã[]^Á]! [ã~&c	H	F	H	GÈHH	€ÏF€ÎÁ	€€€Ã	€€€€€
78	Ú~!&@æ•^ãÁ !æ, Á {æc^!æ}							€€€Ã	€€€€€
79	Ú~!&@æ•^ãÁ !æ, Á							€FÃ	€€€€G
80						GÈHH	F€FJÈÍ€ GÁ		
81									
82	Ú~!&@æ•^ãÁ !æ, Á {æc^!æ}	Ó!æ••Á {æc^!æ}	H	F	H	GÈHH	€€€F!HÁ	€€€Ã	€€€€€
83	Ú~!&@æ•^ãÁ !æ, Á {æc^!æ}	Ó!æ••Á]! [ã~&c	H	F	H	GÈHH	îîîîÈ!îî îÁ	FÈHÏÃ	€€HGE
84									



No.	Emissio n Facilitie s categori es	Activity data 1
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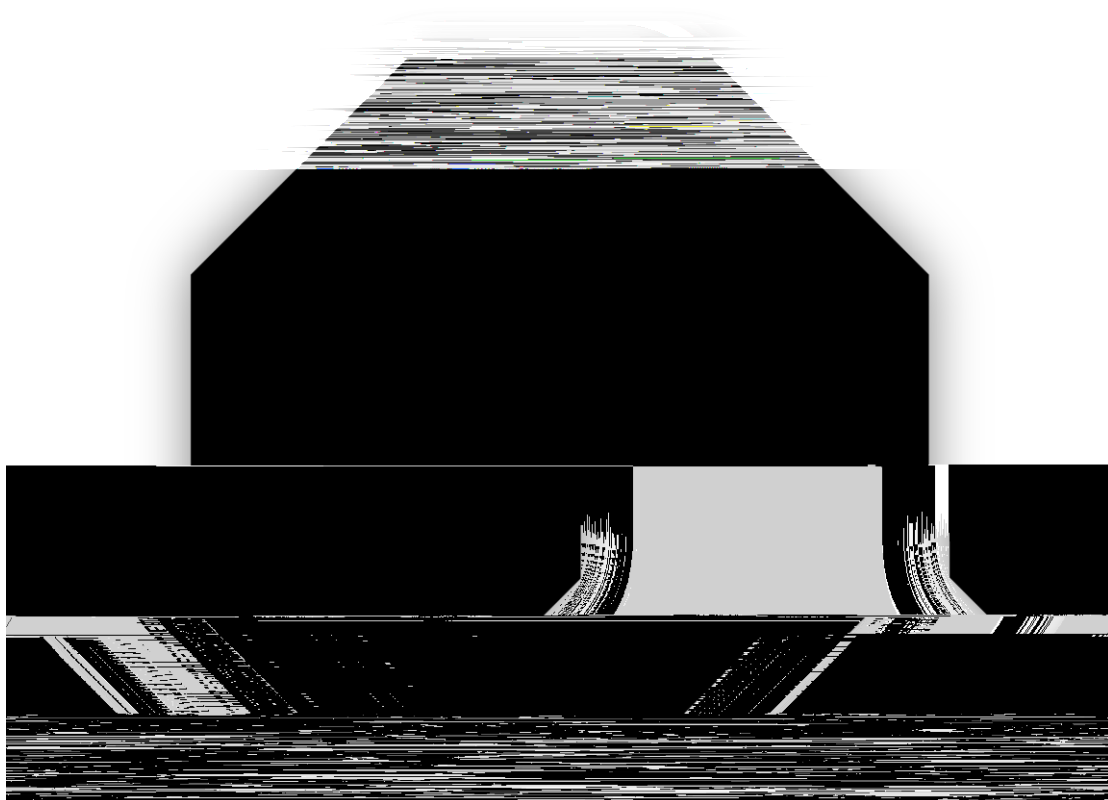


U! *æ} ä : æcâ [} æ|ÃÖPÕÁX^! ä-ä&æcâ [} ÁÜ^] [!cÁQÙUÁF I €î I ÈFKG€F I ÁÔPœÜ
Ü^] [!cÁP [ÈKA

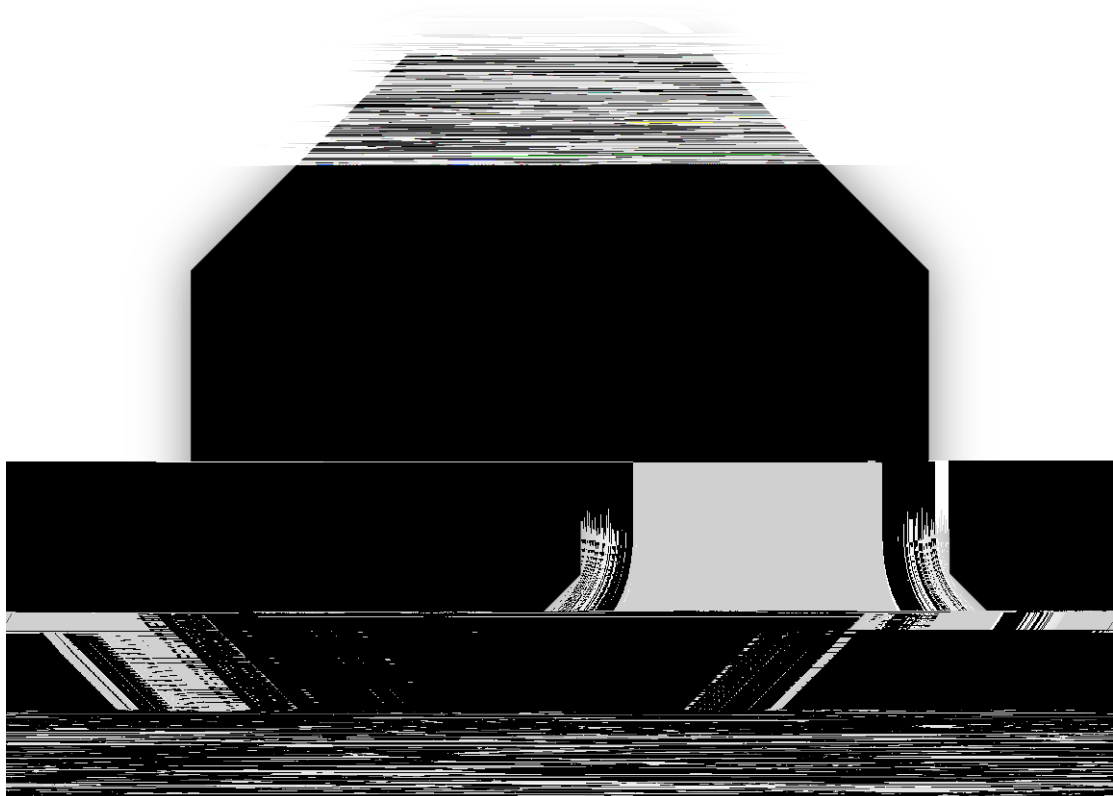




No.	Emission Facilities categories	Activity data categories	Emission factor categories	Instrum ent calibrati on categori es	Average score	Total emissio n (tCO ₂ e)	Emission proportio n
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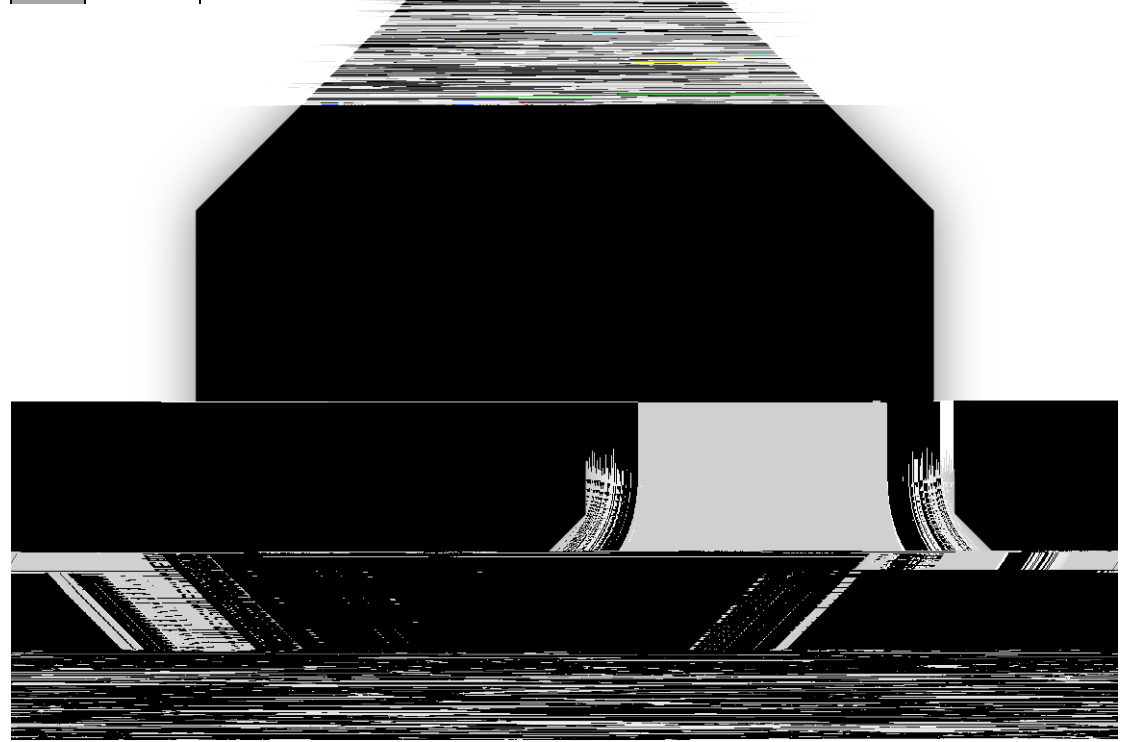


No.	Emission categories	Facilities	Activity data categories	Emission factor categories	Instrument calibration categories	Average score	Total emission (tCO ₂ e)	Emission proportion	Weighted average score
118									





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	Ù [ãã , æ•c^Á c/^æc { ^ }c	Óæã ^Á c/^æc { ^ }c	H	F	H	GÈHH	GììÈFììÁ	€€íÃ	€€€FH
130	Ù [ãã , æ•c^Á c/^æc { ^ }c	Ùc^ ^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 I € I F€G Í € FHFJÁÜ^ç€F





<p>uncertainty analysis</p>	<p>- V @ ! ^ Ä - æ & c [! È Ä] æ { ^ ! ^ ä & c ä c ä c ^ Ä ! ^ Ç ^ Ä ä æ c ä È ^ { ä • ä [] Ä - æ & c [! ä æ } ä h & [! ! ^ & c ä [] Ä ! ^ Ç ^ Ä , ^ ! ^ Ä ! ^ Ç æ ~ æ c ^ ä È Ä</p> <p>È CE & c ä c ä c ^ Ä ! ^ Ç ^ Ä ä æ c ä Ä , ä c Ä [! , ä æ & ä ~ ! ä & ^ Ä ! ^ Ç ^ Ä ä } & ~ ä ^ Ä ^ { } [! ^ Ä ä & [{ { ~ c ä } * È Ä • ^ } c ä & Ä c ä } \ ä æ } ä Ä [c @ ^ ! Ä ä æ c ä È V @ ^ Ä ! ^ • [] • ä à ! ^ Ä æ ! c ^ Ä • @ [~ ! ä Ä [ä c ä ä] ä æ & c ä c ä c ^ Ä ! ^ Ç ^ Ä ä æ c ä Ä ^ Ä { ^ æ ~ ! ^ Ä Ä { ^ c @ [ä ä æ • Ä - æ ! ä æ • Ä] [• ä à ! ^ Ä c [ä ä { }] ! Ç ^ Ä ä æ c ä ä æ & ~ ! ä & ^ Ä ~ } ä ^ ! ä c @ ^ Ä & [] ä ä c ä [] Ä [- Ä c ^ & @ } ä ä æ Ä - ^ æ • ä ä ä c ^ Ä æ } ä Ä ! ^ æ • [] æ ä ! ^ ä & [• c È</p> <p>È V @ ^ Ä ! [, ^ ! Ä ! ^ Ç ^ Ä ! - ä æ & ~ ! ä æ ^ Ä - Ä ^ { ä • ä [] Ä - æ & c [! Ä ä æ c ä ä ä • Ä c @ ^ Ä ä æ c ä Ä - ! [{ Ä] ~ ! & ä æ • ^ Ä ! ä æ , Ä { æ c ^ ! ä æ È Ä • [! ä ä Ä , æ • c ^ Ä c ! ^ æ c { ^ } c È Ä ~ } • c ! ^ æ { Ä { æ c ^ ! ä æ Ä c ! ä æ } • [! c ä c ä [] È Ä] ! [ä ~ & ä ä ä • [] • æ ä æ } ä Ä [c @ ^ ! Ä ä æ c ä È Ä c ä ä • Ä • * ^ c ^ ä Ä c @ ä c ä c @ ^ Ä ! ^ • [] • ä à ! ^ Ä æ ! c ^ Ä ä ä [] c ä c @ ^ Ä ä ^ c ^ & c ä [] Ä { ^ c @ [ä Ä - ! ä ä @ ä æ ! ä æ c ^ ! ä • c ä Ä ^ { ä • ä [] Ä - æ & c [! • Ä c [Ä [ä c ä ä] ä æ Ä @ ä • @ ^ ! Ä ! ^ Ç ^ Ä ! - Ä ä æ c ä ä æ & ~ ! ä æ & È</p> <p>È Ü • ^ [] • ä à ! ^ Ä æ ! c ä • Ä æ ! ^ ä æ ä ç ä • ^ ä ä c [ä ä] & [!] ! ä c ^ Ä & ä ä ä ä ä c ä [] Ä - Ä { [] ä c [! ä } * Ä ^ ~ ä [] { ^ } c ä ä } c [! c ä] * ä ä ä ä [] ä æ & c ä c ^ Ä ! ^ Ç ^ Ä ä ä æ c ä</p>
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<p>Material discrepancy</p> <p>CE - c ^ Ä ! ^ Ç ^ Ä ä - ä & æ c ä [] È ä c @ ^ Ä c ä ä ! ^ Ä ^ • @ [~ • Ä ! ^ æ • ^ Ä { ä • ä [] • Ä [Ä c @ ^ Ä ! ^ • [] • ä à ! ^ Ä æ ! c ^ Ä ä c @ ^ Ä ! ^ • [! ä æ } ä : æ c ä [] æ Ä ! ^ Ç ^ Ä ä } Ä G E G I È È F È È F d C C G I F G P H E A , ^ ! ^ Ä ! J J G H I È H I ! Ä c Ö U c ^ Ä ä æ } ä Ä ^ { ä • ä [] • Ä ! ^ [! c ^ ä ä ä ä c @ ^ Ä * ! ^ Ä] @ [~ • Ä * ä • ä ä] c ä • [! ä , ^ ! ^ Ä ! J J G H I È H I ! Ä c Ö U c ^ Ä V @ ^ Ä ! ^ • [! ä c @ ^ Ä { ä • ä ä ä c ä ä } ä ä ä c @ ^ Ä ! ^ • [] • ä à ! ^ Ä } æ ! c ^ Ä , ä c @ ^ Ä ^ Ä { æ c ^ ! ä æ ä c @ ^ Ä • @ [! ä ! ^ Ä c ^ ä - ä & æ c ä [] !</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&C) [! ! * ä æ | Ö Ä Ç ^ Ä [] (^) c Z [] Ä B ä c [] c [] * È R ä æ } * • Ä U [Ç ä] & Ä U Ö U U S Ö , U U Ö U W Ö S I Ö U Ö I Ö P Ä Ö P Ö 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, P E O U S Ö , U U Ö U W Ö S I Ö U Ö I Ö P Ö B [Ä F Ä V ä æ } & @ Ä U [ä ä ! P Ä \ [~ Ä V [,] È Ü * ä [] * È P ä æ [] * È R ä æ } * • Ä U [Ç ä] & Ä U Ö U U S Ö , U U Ö U W Ö S I Ö U Ö I Ö P Ä Ö P Ö (Second Floor of Office Ö U Ö I Ö P Ä) * È H Ä Z @ [] * c ä æ } Ä U } ä * • c ä æ | Ä U æ ! Ä P Ä \ [~ Ä V [,] È Ü * ä [] * È P ä æ [] * È R ä æ } * • Ä U [Ç ä] & Ä U Ö U U S Ö , U Ä 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

ISO 14064-1:2018



Verification team qualifications:

Team leader Johny Wang:



