

Klinkera apdedzināšanas krāsns

Verification Report

VR-111713 v1.5

Pabeigts

2025

Requested for AER-106781 v1.79

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Opinion statement

OPERATOR DETAILS

Name of Operator	SIA "SCHWENK Latvia"
Name of Installation	Klinkera apdedzināšanas krāsns
Objekta adrese / atrašanās vieta, kur atrodas iekārta:	
(i) Adrese	Saldus region
(ii) Adrese	-
(iii) Pasta indekss	3851
(iv) Pilsēta	Brocēni
(v) Valsts	Latvija
Unique ID	LV000000000000114
GHG Permit Number	KU20SG0008

Date(s) of relevant approved MP and period of validity for each plan:

Version	Status	Applicable date
2.70	iesniegtais apstiprinājums nav nepieciešams	10.01.22
2.69	iesniegtais apstiprinājums nav nepieciešams	10.01.22
1.107	Apstiprināts	09.01.22

Approving Competent Authority

State Environmental Service (Valsts vides dienests)

Category

C

Is the installation a low emitter?

APLAMS

Atsauce	I pielikuma darbība	KZF 1. kategorija (enerģija)	KZF 2. kategorija (procesa emisijas)	Kopējā darbības jauda	Jaudas vienības	Emitētās SEG
A1	Cementa klinkera ražošana	1A2f - Energy - Non-Metallic Minerals	2A1 - Process - Cement Production	4 000	t/day	CO2
A2	Kurināmā sadedzināšana	1A2f - Energy - Non-Metallic Minerals	2A1 - Process - Cement Production	127	MW(th)	CO2
A3	Kurināmā sadedzināšana	1A2f - Energy - Non-Metallic Minerals	2A1 - Process - Cement Production	19	MW(th)	CO2
A4	Kurināmā sadedzināšana	1A2f - Energy - Non-Metallic Minerals	2A1 - Process - Cement Production	22	MW(th)	CO2
A5	Kurināmā sadedzināšana	1A2f - Energy - Non-Metallic Minerals	2A1 - Process - Cement Production	9	MW(th)	CO2
A6	Kurināmā sadedzināšana	1A2f - Energy - Non-Metallic Minerals	2A1 - Process - Cement Production	250	kW(th)	CO2

EMISSIONS DETAILS

Report id	Version	Status	Action date
MP-15352	2.70	iesniegtais apstiprinājums nav nepieciešams	27.05.24
AER-106781	1.79	Tiek veikta verifikācija	05.03.26

Date of Emissions Report	05.03.26
Combustion Emissions in tCO ₂ e	170 940,7824
Process Emissions in tCO ₂ e	533 597,988
Mass balance Emissions in tCO ₂ e	-
PFC Emissions in tCO ₂ e	-
Measured CO ₂ Emissions in tCO ₂ e	-
Measured N ₂ O Emissions in tCO ₂ e	-
Measured CO ₂ transfer Emissions in tCO ₂ e	-
Measured N ₂ O transfer Emissions in tCO ₂ e	-
Fall-back Emissions in tCO ₂ e	-
Total Emissions in tCO ₂ e	704 538,7704

Combustion Source Streams:

ID	Avota plūsmas tips	Avota plūsmas kategorija	Avota plūsmas nosaukums
F3	Degšana:Cits gāzveida un šķidrāis kurināmais	Gāze — dabasgāze	Dabas gāze
F4	Degšana:Cietie kurināmie	Cietviela — koksējamās akmeņogles	Akmeņogles
F5	Degšana:Cietie kurināmie	Cietviela — naftas kokss	Petrakoks
F6	Degšana:Cits gāzveida un šķidrāis kurināmais	Šķidrums — atkritumēļas	Atstrādātās smēreļļas
F7	Degšana:Cietie kurināmie	Atkritumi — sadzīves un rūpniecības atkritumi	Ekokurināmais(SRF)
F8	Degšana:Cietie kurināmie	Cietviela — notekūdeņu dūņas	Sadzīves notekūdeņu dūņas
F9	Degšana:Cietie kurināmie	Atkritumi — sadzīves un rūpniecības atkritumi	Riepu tekstils(Tyre Fluffy)
F10	Degšana:Cits gāzveida un šķidrāis kurināmais	Gāze — dabasgāze	Dabas gāze
F11	Degšana:Cietie kurināmie	Cietviela — koksējamās akmeņogles	Akmeņogles
F12	Degšana:Cietie kurināmie	Cietviela — nolietotas riepas	Nolietotās riepas un gumijas izstrādājumi
F13	Degšana:Cietie kurināmie	Atkritumi — sadzīves un rūpniecības atkritumi	Ekokurināmais(SRF)
F14	Degšana:Cietie kurināmie	Atkritumi — sadzīves un rūpniecības atkritumi	Riepu tekstils(Tyre Fluffy)
F15	Degšana:Cietie kurināmie	Cietviela — koksne (atkritumi)	Koksnes ražošanas atlikumi
F16	Degšana:Cietie kurināmie	Cietviela — koksne (ne koksnes atkritumi)	Dabīgā koksne
F17	Degšana:Cietie kurināmie	Cietviela — citi cietie kurināmie/degvielas	Neitralizēta piesārņota augsne
F18	Degšana:Cietie kurināmie	Cietviela — notekūdeņu dūņas	Sadzīves notekūdeņu dūņas
F19	Degšana:Cits gāzveida un šķidrāis kurināmais	Gāze — dabasgāze	Dabas gāze
F20	Degšana:Cietie kurināmie	Cietviela — koksējamās akmeņogles	Akmeņogles
F21	Degšana:Cits gāzveida un šķidrāis kurināmais	Gāze — dabasgāze	Dabas gāze
F22	Degšana:Cietie kurināmie	Cietviela — koksējamās akmeņogles	Akmeņogles
F23	Degšana:Cits gāzveida un šķidrāis kurināmais	Gāze — dabasgāze	Dabas gāze
F24	Degšana:Cits gāzveida un šķidrāis kurināmais	Gāze — dabasgāze	Dabas gāze

Process Source Streams:

ID	Avota plūsmas tips	Avota plūsmas kategorija	Avota plūsmas nosaukums
F1	Cementa klinkers:Pamatojoties uz izvadīto klinkera daudzumu (B metode)	Materiāls – cementa klinkers	Klinkers
F2	Cementa klinkers:CKD	Materiāls – citi apvada materiāli	Apvadkanāla putekļi

Methodology used

Aprēķina paņēmieni CO2:

Emissions factors used

Atbilstoši apstiprinātajam MP

Changes to the Operator/ installation during the reporting year

N/A

SITE VERIFICATION DETAILS

Operator/ Installation visited during verification

PATIESS

Date(s) of visit(s):

Date
12.02.26

Number of days on-site

1

Name of EU ETS (lead) auditor(s)/ technical experts undertaking site visit(s):

Name

AVR Article 31 and 32 Justification for not undertaking site visit

N/A

AVR Article 34a Justification for conducting a virtual site visit

N/A

If no, the date of written Competent Authority approval for
waive of the site visit requirement is < insert date> -

COMPLIANCE WITH EU ETS RULES FOR EU ETS tCO2 DECLARED ABOVE

Monitoring Plan requirements met

PATIESS

Permit conditions met

PATIESS

EU Regulation on M&R met

PATIESS

COMPLIANCE WITH EU REGULATION ON A&V

Data verified in detail and back to source (EU ETS AVR
Article 14 & Article 16(2)(g))

PATIESS

If yes, was this part of site verification....

PATIESS

Control activities are documented, implemented, maintained
and effective to mitigate the inherent risks (EU ETS AVR
Article 14(b))

PATIESS

Procedures listed in monitoring plan are documented,
implemented, maintained and effective to mitigate the
inherent risks and control risks (EU ETS AVR Article 14(c))

PATIESS

Data verification (EU ETS AVR Article 16)

PATIESS

Correct application of monitoring methodology (EU ETS
AVR Article 17)

PATIESS

Verification of methods applied for missing data (EU ETS
AVR Article 18)

PATIESS

Uncertainty assessment (EU ETS AVR Article 19)	PATIESS
Checks have been carried out on Annex Xa information and the amounts of the fuels used from a supplier do not exceed the amount that the operator has acquired from that supplier (EU (ETS AVR Article 16(2) (ha) and Article 17(7))	PATIESS
Competent Authority (Annex 2) guidance on M&R met	PATIESS
Previous year Non-Conformity(ies) corrected	N/A
Changes etc. identified and not reported to the Competent Authority/included in updated MP	N/A

COMPLIANCE WITH THE MONITORING AND REPORTING PRINCIPLES

Accuracy	PATIESS
Completeness	PATIESS
Consistency	PATIESS
Comparability over time	PATIESS
Transparency	PATIESS
Integrity of methodology	PATIESS
Continuous improvement	PATIESS

OPINION

Verifiers opinion	OPINION - verified as satisfactory:
Comments which qualify the opinion	

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VERIFICATION TEAM

Lead EU ETS Auditor	
EU ETS Auditor(s):	
• Sandra Jaunzema	
Independent Reviewer	
Signed on behalf of	
Name of authorised signatory	
Date of Opinion	08.03.26
Name of verifier	SIA Bureau Veritas Latvia
Address / location of the Verifier:	
i. Adrese	Dunties iela 17a
ii. Adrese	-
iii. Pilsēta	Rīga
iv. Pasta indekss	LV-1005
v. Valsts	-
Date of verification contract	12.05.21
Is the verifier accredited or a certified natural person?	accredited
Name of National AB or authority certifying the verifier	LV
Accreditation/ Certification number	
LATAK-VV-488	

Annex 1 : FINDINGS**Annex 1A - Misstatements, Non-conformities, Non-compliances and Recommended Improvements**

D.	Recommended Improvements, if any
FD1	Saskaņā ar Regulas 2018/2066 1.pielikuma 10.punktu, līdz 2026.gada 31.decembrim aktualizējams monitoringa plāns ar procedūras aprakstu un aprēķina soļiem saistībā ar Xa pielikuma informāciju.

Annex 1B - Methodologies to close data gaps

Was a data gap method required? APLAMS

If Yes, was this approved by the CA before completion of the verification? APLAMS

If No, was the method used conservative (If No, please provide more details) -

-

If No, did the method lead to a material misstatement (If Yes, please provide more details) -

-

Annex 2 : BASIS OF WORK

Annex 2 - Further information of relevance to the Opinion

Materiality level

Unless otherwise stated in Annex 1, the materiality level was 2% of the total reported emissions for the period subject to verification.

< insert any other relevant details or criteria relating to the work performed or the basis of the opinion. The objective of this line is to enable the verifier to add any detail that they consider helpful to the user of the opinion in understanding the depth and scope of work performed etc.>

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Reference documents cited

Conduct of the Verification (1) - For Accredited Verifiers

- | | |
|---|---------|
| 1) EU Regulation EU no. 2018/2067 on verification of GHG emissions reports and the accreditation of verifiers pursuant to Directive 2003/87/EC..... (AVR) | PATIESS |
| 2) EN ISO 14065 2020 General principles and requirements for bodies validating and verifying environmental information | PATIESS |
| 3) EN ISO 14064-3 2019 Specification with guidance for the validation and verification of GHG assertions | PATIESS |
| 4) IAF MD 6 2014 International Accreditation Forum (IAF) Mandatory Document for the Application of ISO 14065 2013 (Issue 2, March 2014) | PATIESS |
| 5) Guidance developed by European Commission Services on verification and accreditation | PATIESS |
| 6) EA-6/03 European Co-operation for Accreditation Guidance For the Recognition of Verifiers under EU ETS Directive | PATIESS |

Select Relevant guidance documents from the list

-

Conduct of the Verification (2) - Additional criteria for Accredited Verifiers that are also financial assurance providers

- | | |
|---|--------|
| 8) International Standard on Assurance Engagements 3000 Assurance Engagements other than Audits or Reviews of Historical Information, issued by the International Auditing and Assurance Standards Board. | APLAMS |
| 9) International Standard on Assurance Engagements 3410 Assurance Engagements on Greenhouse Gas Statements, issued by the International Auditing and Assurance Standards Board. | APLAMS |

Conduct of the Verification (3) - For Verifiers Certified under AVR Article 54(2)

- | | |
|---|--------|
| 1) EC Regulation EU no. 2018/2067 on verification of GHG emissions reports and the accreditation of verifiers pursuant to Directive 2003/87/EC..... (AVR) | APLAMS |
| 2) EU guidance on certified verifiers developed by the Commission Services | APLAMS |
| 3)..... Need to insert any other requirements/ guidance that are applied to the Certified Verifiers e.g. any local MS rules on the Certification Process | APLAMS |

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Rules etc of the EU ETS

- | | |
|--|---------|
| A) EC Regulation EU no. 2018/2066 on the Monitoring and Reporting of GHGs pursuant to Directive 2003/87/EC (MRR) | PATIESS |
| B) EU Guidance developed by the European Commission Services to support the harmonised interpretation of the Monitoring and Reporting Regulation | PATIESS |

C) EU Guidance material developed by the European Commission Services to support the harmonised interpretation of the AVR

PATIESS

D) need to insert any other national requirements/ guidance that are applicable

PATIESS

MK noteikumi Nr.769