

Solar Stewardship Initiative: **Public Summary Report**

Certificate of System Conformity

SSI Member	Qinghai Lihao
Certified Site	Qinghai Lihao Clean Energy Co., Ltd.
Certificate No.	27102022-011
SSI Standard	Supply Chain Traceability
Assessment Body	Tuv Rheinland
Assessment Type	Initial
Current Grade	Gold
Traceability System Boundary	Polysilicon to Quartz
Traceability Management System	Implemented
System Readiness	Verified
Share of Traceable Transactions	High
Certification Performance Trend	Not applicable
Certificate Issue Date	06/05/2026
Certificate Expiry Date	05/05/2029
Site Certified Since	06/05/2026

Authorised by:



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Head of Standards & Assurance

Understanding the Assessment Type

- **Initial Assessment**

A comprehensive assessment of a site against all SSI Standard (s) requirements, conducted to determine the level of compliance and to identify any non-conformances.

- **Follow-up Assessment**

A subsequent assessment conducted after an unsuccessful Initial Assessment, to verify that corrective actions have been implemented for non-conformances identified during the Initial Assessment.

- **Surveillance Assessment**

An interim assessment during the certification cycle to confirm ongoing compliance with the SSI Standard(s). It verifies closure of minor non-conformances and observations, reviews any scope changes (e.g. new production lines), and samples requirements to ensure no new risks or regressions have arisen.

- **Recertification Assessment**

An assessment conducted at the end of a three-year cycle that covers all current production lines and fully reflects any significant scope changes since the last full assessment.

Understanding the Assessment Outcome

Level of Traceability	Conformance Ratings	Corrective Action Plan	Outcome and Score
Quartz	Major NC: 0	None	Gold (No certification awarded until all Minor NC are closed.
	Minor NC: <5	Root Cause Analysis and CAP to be developed by the SSI Manufacturing Members and sent to the AB	
Metallurgical grade silicon (MG-Si)	Major NC: 0	None	Silver
	Minor NC: <5	Root Cause Analysis and CAP to be developed by the SSI Manufacturing Members and sent to the AB	
Polysilicon	Major NC: 0	None	Bronze
	Minor NC: <5	Root Cause Analysis and CAP to be developed by the SSI Manufacturing Members and sent to the AB	

Traceable Transactions Reviewed During the Assessment

The assessment verified that the facility has established the management systems, procedures, and controls required to trace material in accordance with the SSI Supply Chain Traceability Standard. At the time of assessment, traceability was implemented on a transaction-dependent basis, with traceable material flows occurring where customers request SSI-traceable products.

This indicator reflects the proportion of production transactions during the assessment period that were processed as SSI-traceable and therefore available for verification by the assessor.

CATEGORY SHARE OF TRACEABLE TRANSACTIONS REVIEWED INTERPRETATION		
Supply Chain Tier	Supplier Coverage	Traceability Capability
Low	0–10% of transactions	Traceable orders were limited and typically customer-driven. Assessment primarily verified system readiness and traceability procedures.
Medium	10–50% of transactions	Traceable orders represent a meaningful portion of production. Assessors verified multiple traceable production flows.
High	>50% of transactions	Traceable production represents a majority of operations. Traceability is integrated into routine production processes.

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Section 1: Site Information

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CERTIFIED SITE OVERVIEW	
SSI Member	Qinghai Lihao
Certified Site	Qinghai Lihao Clean Energy Co., Ltd.
Site Location	No. 258, Hongyahe Village, Shangxinzhuan Town, Huangzhong District, Xining City, Qinghai Province, China
Site Type	Polysilicon
Assessment Type	Initial
Assessment Dates	09-11th March 2026
Next Assessment Type	Recertification Assessment
Next Assessment Due	05/05/2029
Claims	The certified site may communicate its certification status in accordance with the SSI Claims Guide. Claims may be used on company websites, corporate materials, invoices, and contractual documents. Product-level claims are not permitted. Further guidance is available in the SSI Claims Guide.

Public Summary Report

This section describes the upstream supply chain tiers covered by the site's traceability management system.

TRACEABILITY SYSTEM SCOPE		
Supply Chain Tier	Supplier Coverage	Traceability Capability
Polysilicon	Approved suppliers identified	Traceability documentation available
Metallurgical-grade silicon (MGS)	Approved suppliers identified	Traceability documentation available
Quartz	Approved suppliers identified	Traceability documentation available

Clarification: The traceability system enables the facility to track silicon inputs through the supply chain tiers listed above when SSI-traceable transactions occur.

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Section 2: Summary of Findings

Summary Of Findings

OVERVIEW							
Topic	TSR	TRA	C	Mi NC	Ma NC	O	N/A
1. Management System and Responsibilities	9	9	7	0	0	1	1
2. Material Accounting System	7	7	6	0	0	1	0
3. Eligible Material	1	1	1	0	0	0	0
4. Outsourced Contractors	5	5	0	0	0	0	5
5. Claims	3	3	3	0	0	0	0
TOTAL COUNT	25	25	17	0	0	2	6

References:

TSR: Total Standard Requirements

TRA: Total Requirements Assessed

C: Conformance

Mi NC: Minor Non-Conformance

Ma NC: Major Non-Conformance

O: Observation

N/A: Not Applicable

Understanding Conformance Ratings

Note

“Total Standard Requirements” shows the full number of applicable Standard requirements, while “Total Requirements Assessed” shows how many were reviewed in this assessment.

- **Conformance (C):**

Systems, policies, procedures, and processes performed in a manner that is in line with the intent of the SSI Standards.

- **Minor Non-Conformance (Mi NC):**

An isolated lapse of performance or control.

A breach which represents low risk to workers/those on site.

A policy issue where there is no evidence of material breach.

Policies or procedures that have been recently adopted but have not been in place or implemented for a sufficient period to demonstrate effective application.

- **Major Non-Conformance (Ma NC):**

A systemic failure or total lack of required controls by the site.

A total absence of implementation of the requirement.

A breach of law.

A group of related, repetitive, or persistent minor non-conformances indicating inadequate implementation.

- **Observation (O):**

A Conformance that meets the fundamental requirements of the SSI Standard(s) but needs improvement.

If this improvement is not adequately addressed, the Observation could escalate to a Non-Conformance during the next Assessment.

- **Not Applicable (N/A):**

A requirement which cannot be implemented by a site due to the nature of its operations.

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Section 3: Detailed Findings Breakdown

Findings Breakdown

SCT CHAPTER 1 - MANAGEMENT SYSTEM AND RESPONSIBILITIES							
Topic	TSR	TRA	C	Mi NC	Ma NC	O	N/A
1.1 SSI Membership	1	1	1	0	0	0	0
1.2 Management System	1	1	1	0	0	0	0
1.3 Leadership and Management Representation	1	1	1	0	0	0	0
1.4 Communications and Training	1	1	0	0	0	1 (*)	0
1.5 Record Maintenance	1	1	1	0	0	0	0
1.6 Verification	1	1	1	0	0	0	0
1.7 Management System Review	1	1	1	0	0	0	0
1.8 Inconsistencies and complaints	1	1	1	0	0	0	0
1.9 Reporting Obligations	1	1	0	0	0	0	1 (**)
TOTAL COUNT	9	9	7	0	0	1	1

(*)1.4 Communications and training - Observation

The Facility has established a traceability training system and has strengthened its process for managing training effectiveness, including retraining, reassessment, and competency verification for personnel who do not initially meet competency requirements. Evidence reviewed confirmed implementation of the revised process and completion of corrective actions for previously identified gaps.

However, as the revised training management process has only recently been implemented, its long-term effectiveness and consistent application could not be fully verified at the time of the assessment.

This results in an Observation because the Facility has implemented appropriate corrective measures, but additional time is required to demonstrate the sustained effectiveness of the revised training management process.

The Facility should continue to monitor the implementation of its training management process and maintain evidence demonstrating that personnel competency is consistently verified and effectively managed over time.

()1.9 Traceability Reporting -N/A**

The Facility is required to report annual traceability data to the SSI Secretariat in line with the Standard requirements. However, at the time of the assessment, the first reporting deadline had not yet been reached. This results in N/A because the reporting obligation was not applicable during the assessment period. The Facility should ensure systems are in place to comply with reporting requirements by the applicable deadline.

Findings Breakdown

SCT CHAPTER 2 - MATERIAL ACCOUNTING SYSTEM							
Topic	TSR	TRA	C	Mi NC	Ma NC	O	N/A
2.1 Approved Suppliers	1	1	1	0	0	0	0
2.2 Internal Material Control	1	1	1	0	0	0	0
2.3 Segregation & Labelling	1	1	0	0	0	1 (*)	0
2.4 Reconciliation	1	1	1	0	0	0	0
2.5 Documentation	1	1	1	0	0	0	0
2.6 Transfer Records	1	1	1	0	0	0	0
2.7 Traders	1	1	1	0	0	0	0
TOTAL COUNT	7	7	6	0	0	1	0

(*)2.3 Segregation and labelling - Observation

The Facility has established documented procedures for the identification, labelling, and segregation of certified and non-certified materials and has implemented improvements to physical traceability controls, including enhanced package-level labelling and preparatory segregation arrangements for future handling of certified materials.

However, as certified materials had not been introduced at the time of the assessment, the effectiveness of segregation controls under normal operating conditions could not be fully verified. In addition, the recently enhanced material identification and segregation controls require continued implementation over time to demonstrate their sustained effectiveness.

This results in an Observation because the Facility has established appropriate processes and implemented improvements, but practical operation and long-term effectiveness of these controls cannot yet be fully confirmed.

The Facility should continue to monitor and verify the implementation of material identification, labelling, and segregation controls, and ensure their effectiveness is demonstrated once certified materials are received and processed under normal operating conditions.

Findings Breakdown

SCT CHAPTER 3 - ELIGIBLE MATERIAL							
Topic	TSR	TRA	C	Mi NC	Ma NC	O	N/A
3.1 Silicon	1	1	1	0	0	0	0
TOTAL COUNT	1	1	1	0	0	0	0

Findings Breakdown

SCT CHAPTER 4 - OUTSOURCED CONTRACTORS							
Topic	TSR	TRA	C	Mi NC	Ma NC	O	N/A
4.1 Use of Outsourced Contractors	1	1	0	0	0	0	1
4.2 Material Return	1	1	0	0	0	0	1
4.3 Scope	1	1	0	0	0	0	1
4.4 Records	1	1	0	0	0	0	1
4.5 Encouraging SSI Certification of Outsourced Contractors	1	1	0	0	0	0	1
TOTAL COUNT	5	5	0	0	0	0	5 (*)

(*) 4.1-4.5 Outsourced Contractors - N/A

The Facility performs all relevant activities internally and does not engage outsourced contractors handling certified or traceable material within the certification scope. Therefore, no outsourcing, material return from external processing, or inclusion of contractors in the certification scope was identified during the assessment. This results in N/A because the requirements related to outsourced contractors are not applicable.

The Facility should ensure appropriate controls, verification processes, and scope inclusion are established if outsourced contractors are engaged in the future.

Findings Breakdown

SCT CHAPTER 5 - CLAIMS							
Topic	TSR	TRA	C	Mi NC	Ma NC	O	N/A
5.1 Use of SSI Logo and Trademarks	1	1	1	0	0	0	0
5.2 Accuracy and Documentation of Certification Claims	1	1	1	0	0	0	0
5.3 Compliance with the SSI Claims Guide	1	1	1	0	0	0	0
TOTAL COUNT	3	3	3	0	0	0	0

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Section 4: Feedback & Liability

Stakeholder Feedback and Certification Notice

The Solar Stewardship Initiative (SSI) welcomes comments and feedback from all stakeholders regarding this Public Summary Report and the associated certification.

Stakeholders may submit comments, concerns, or relevant information related to a certified facility or the application of the SSI Standards at any time.

Feedback can be submitted to:
contact@solarstewardshipinitiative.org

All submissions will be reviewed in accordance with SSI's procedures for complaints, disputes, and stakeholder engagement.

Limitation of Liability

Certification under the SSI Supply Chain Traceability Standard confirms that, at the time of assessment, the certified site demonstrated conformity with the requirements of the applicable SSI Standard within the defined certification scope.

SSI certification does not constitute a guarantee of ongoing performance, product quality, or compliance with all applicable laws and regulations.

Organisations making claims related to SSI certification remain solely responsible for ensuring that their communications, marketing materials, product information, and contractual representations comply with applicable legislation, including laws relating to consumer protection, marketing practices, labelling, and competition.

SSI does not assume liability for actions taken by certified entities or third parties based on certification status.

Certification Validity

The validity of this certification is subject to the certified site maintaining ongoing conformity with the applicable SSI Standard and successfully completing required surveillance and recertification assessments within the defined certification cycle.

Certification status may be suspended, withdrawn, or modified if non-conformances are not adequately addressed or if certification requirements are no longer met.

The current certification status of any SSI member or certified site can be verified at:
<https://www.solarstewardshipinitiative.org>