

Solar Stewardship Initiative: **Public Summary Report**

Certificate of System Conformity

SSI Member	Astronergy
Certified Site	Chint Solar (Haining) Co., Ltd.
Certificate No.	27102022-0001
SSI Standard	Supply Chain Traceability
Assessment Body	Tuv Rheinland
Assessment Type	Initial
Current Grade	Bronze
Traceability System Boundary	Modules to Polysilicon
Traceability Management System	Implemented
System Readiness	Verified
Share of Traceable Transactions	Low
Certification Performance Trend	Not applicable
Certificate Issue Date	12/12/2025
Certificate Expiry Date	11/12/2026
Site Certified Since	12/12/2025

Authorised by:



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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.

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		
Level indicator	Transaction coverage	Traceability Capability
Low	0–25% of transactions	Traceable orders were limited and typically customer-driven. Assessment primarily verified system readiness and traceability procedures.
Medium	26–65% of transactions	Traceable orders represent a meaningful portion of production. Assessors verified multiple traceable production flows.
High	>66% of transactions	Traceable production represents a majority of operations. Traceability is integrated into routine production processes.

Solar Stewardship Initiative: **Section 1: Site Information**

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CERTIFIED SITE OVERVIEW	
SSI Member	Astronergy
Certified Site	Chint Solar (Haining) Co., Ltd.
Site Location	No.2 Jisheng Road, Jianshan New Zone & No.6 Jinniu Road, Jianshan New Zone
Site Type	Module
Assessment Type	Initial
Assessment Dates	20-21/11/2025
Next Assessment Type	Surveillance
Next Assessment Due	11/12/2026
Claims	<p>The certified site may communicate its certification status in accordance with the SSI Claims Guide.</p> <p>Claims may be used on company websites, corporate materials, invoices, and contractual documents.</p> <p>Product-level claims are not permitted.</p> <p>Further guidance is available in the SSI Claims Guide.</p>

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This section defines the scope and upstream depth of the facility's traceability management system.

It identifies the supply chain tiers for which supplier identification and traceability management system documentation have been established and verified within the certification scope.

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

The inclusion of a supply chain tier in this table reflects the capability of the traceability management system within the defined certification scope, and does not imply that all materials are traced across all tiers at all times.

TRACEABILITY SYSTEM SCOPE		
Supply Chain Tier	Supplier Coverage	Traceability Capability
Module	Approved suppliers identified	Traceability management system available
Cell	Approved suppliers identified	Traceability management system available
Wafer	Approved suppliers identified	Traceability management system available
Ingot	Approved suppliers identified	Traceability management system available
Polysilicon	Approved suppliers identified	Traceability management system available

Solar Stewardship Initiative:

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	4	3	0	1	1
2. Material Accounting System	7	7	5	0	0	1	1
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	13	3	0	2	7

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 or are not applicable at initial stage of assessments.

Solar Stewardship Initiative:

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	0	1 (*)	0	0	0
1.3 Leadership and Management Representation	1	1	1	0	0	0	0
1.4 Communications and Training	1	1	1	0	0	0	0
1.5 Record Maintenance	1	1	0	1 (**)	0	0	0
1.6 Verification	1	1	0	1 (***)	0	0	0
1.7 Management System Review	1	1	0	0	0	1 (****)	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	4	3	0	1	1

(*) 1.2 Management System – Minor Non-Conformance

The Facility has established a documented traceability management system, including manuals and procedures aligned with the Standard.

However, key system documents were finalized shortly before the assessment and evidence of sustained implementation and management review of the finalized system was not demonstrated.

This results in a Minor Non-Conformance because the system framework exists but its implementation maturity and effectiveness have not yet been sufficiently demonstrated.

The Facility should demonstrate sustained implementation of the system and conduct a management review covering the finalized version.

() 1.5 Record Management – Minor Non-Conformance**

The Facility has established procedures for record management, including document control, retention, and internal audit processes.

However, inconsistencies in document identification were identified and the IT backup retention policy is not aligned with the required minimum retention period.

This results in a Minor Non-Conformance because record management controls exist but are not fully aligned or consistently implemented.

The Facility should strengthen document control practices and align backup retention policies with the required retention period.

(*) 1.6 Transfer Records and Verification – Minor Non-Conformance**

The Facility has established procedures to verify transfer records and maintains documentation for material transfers.

However, transfer record templates do not include all required elements specified in the Standard and the system has not been demonstrated under actual verification conditions.

This results in a Minor Non-Conformance because the system is in place but does not fully meet documentation requirements or demonstrate full operational effectiveness.

The Facility should update transfer record templates to include all required fields and demonstrate effective implementation in practice.

(**) 1.7 Management Review – Observation**

The Facility has established procedures for management review and conducts annual evaluations of its management system.

However, the most recent management review did not cover the finalized version of the traceability management system.

This results in an Observation because governance processes are in place but have not yet evaluated the current system.

The Facility should conduct a management review covering the finalized system and its effectiveness.

(***) 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	0	0	0	1 (*)	0
2.2 Internal Material Control	1	1	1	0	0	0	0
2.3 Segregation & Labelling	1	1	1	0	0	0	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	0	0	0	0	1 (**)
TOTAL COUNT	7	7	5	0	0	1	1

(*) 2.1 Approved Supplier Sourcing – Observation

The Facility has defined in its management system that materials will be sourced from approved suppliers and has engaged suppliers to pursue certification.

However, no formal procurement controls were evidenced to ensure sourcing is restricted to SSI Certified Suppliers once certified materials are introduced.

This results in an Observation because the approach is defined but enforceable controls are not yet demonstrated.

The Facility should establish formal procurement controls to ensure sourcing from approved and certified suppliers.

() 2.7 Due Diligence via Traders – N/A**

The Facility sources materials directly and does not use traders within its procurement process.

Therefore, due diligence on traders and trader mapping were not applicable at the time of the assessment.

This results in N/A because no traders are involved in the supply chain.

The Facility should ensure appropriate due diligence and mapping processes are implemented if traders are introduced in the future.

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

Solar Stewardship Initiative:

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>