

CERTIFIED CONSUMER SUSTAINABILITY INDUSTRY READINESS INDEX (COSIRI) ASSESSOR

In collaboration with the International Centre for Industrial Transformation



Duration: 40+ hrs coursework · 100 hrs recommended self-study

Role: Consultants, Sustainability Managers, Engineers

Languages: English

Class size: Up to 20 participants

Prerequisites: STEM degree (or case-by-case review) + at least 3 yrs relevant professional experience

Certification: Certified COSIRI Assessor (CCA) – valid 2 years

OVERVIEW

The Certified COSIRI Assessor (CCA) Programme is the recognised certification for professionals who assess manufacturing facilities using the Consumer Sustainability Industry Readiness Index – a framework created by the International Centre for Industrial Transformation (INCIT) to help manufacturers, regardless of size or industry, start, scale, and sustain their sustainable manufacturing transformation journeys.

SITA delivers this programme in collaboration with INCIT, which owns and governs the COSIRI framework and certification scheme. COSIRI assesses a facility across 24 dimensions spanning four building blocks – Strategy & Risk Management, Sustainable Business Processes, Technology, and Organisation & Governance – plus GHG emissions across Scopes 1, 2 and 3.

The programme combines 40+ hours of structured coursework across five topic areas – sustainable manufacturing fundamentals, the COSIRI frameworks and tools, business consulting methodology, professional ethics, and live assessment facilitation – followed by a two-part examination. Candidates who pass are awarded the CCA designation by INCIT and gain access to the COSIRI Portal to conduct Official COSIRI Assessments.

The full INCIT Fact Sheet, including detailed certification requirements, examination rules, and the COSIRI Portal onboarding process, is provided to participants upon registration.

WHO SHOULD ATTEND

- Management and sustainability consultants advising manufacturing clients on ESG and decarbonisation strategy
- Production, operations and EHS professionals seeking a recognised sustainability assessment credential
- Supply chain, procurement and product lifecycle specialists supporting circularity and Scope 3 initiatives
- Innovation and transformation leads within manufacturing organisations benchmarking their own facilities
- Technology providers and cleantech vendors looking to credibly assess client readiness before deployment
- Academic researchers and industry trainers building practical expertise in sustainable manufacturing evaluation

LEARNING OUTCOMES

- Gain a deep understanding of sustainable manufacturing – its core concepts, key levers and enablers, and their application to real industry cases
- Master the COSIRI framework: its 4 building blocks, 9 pillars, and 24 dimensions of assessment, the LEAD transformation methodology, and the TIER prioritisation framework
- Apply the Assessment Matrix to accurately evaluate and band a manufacturing facility across all 24 dimensions, and use the Prioritisation Matrix to identify and rank transformation initiatives
- Understand GHG accounting across Scopes 1, 2 and 3, and how COSIRI surfaces the value-chain emissions that typically make up the largest share of a site's footprint
- Conduct a full Official COSIRI Assessment end-to-end: planning and preparation, evaluation (factory tour, stakeholder interviews), analysis, report generation, and client debrief
- Demonstrate professional consulting skills – client engagement, structured problem-solving, business etiquette, and clear communication of assessment findings
- Uphold the ethical standards required of a Certified COSIRI Assessor: independence, objectivity, confidentiality, and conflict-of-interest disclosure

CERTIFICATION PREREQUISITES

To enrol in the programme and sit the CCA Examination, applicants must hold a relevant STEM (or sustainability-related) academic qualification, or meet at least one professional experience criterion:

Criteria	Requirement
Academic	Relevant degree in a STEM subject (e.g. Engineering, Computer Science, Mathematics, Physics, Chemistry, Sustainability/Environmental Science). Cases without listed qualifications reviewed individually by INCIT.
Consulting	At least 3 years of advisory/consulting experience, with a minimum of 300 project hours recommended
Domain expertise	At least 3 years of experience in the sustainable manufacturing sector
Technology consulting	At least 3 years applying technologies and solving process/organisational problems in a manufacturing context
Sustainability expert	At least 3 years of experience within the sustainability field
Coursework	Completion of at least 40 hours of approved coursework (fulfilled by attending this programme)

Applicants need only meet one of the professional experience criteria above; the academic and professional routes are not both required. Full prerequisite documentation requirements (CV, academic certificates, attendance record) and the INCIT review process are detailed in the COSIRI Assessor Fact Sheet provided to participants upon registration.

AGENDA

Module 1: Sustainable Manufacturing; 8 hrs coursework · 16 hrs self-study

- Introduction to sustainability, with emphasis on corporate environmental sustainability and the key trends supporting it
- Key levers and enablers of sustainable manufacturing, including applied case examples from industry
- Introduction to COSIRI: its core design features, 4 building blocks, 9 pillars, and 24 dimensions
- The Assessment Matrix, the TIER prioritisation framework, and the Prioritisation Matrix

Module 2: Consumer Sustainability Industry Readiness Index (COSIRI); 16 hrs coursework · 40 hrs self-study

- The Assessment Matrix – Strategy & Risk Management: assessment criteria for each of the 6 maturity bands
- The Assessment Matrix – Sustainable Business Processes: assessment criteria for each of the 6 maturity bands
- The Assessment Matrix – Technology: assessment criteria for each of the 6 maturity bands
- The Assessment Matrix – Organisation & Governance: assessment criteria for each of the 6 maturity bands

Module 3: Business consulting; Self-study · 4 hrs

- The consulting process: diagnosing the problem, formulating the contract, analysing the problem, developing solutions, proposing recommendations, assisting with implementation, and review and follow-up
- Business etiquette for client engagement and workshop delivery in a sustainability assessment context

Module 4: Professionalism and ethics; 4 hrs coursework · 4 hrs self-study

- Maintaining independence and objectivity in assessment activities; avoiding misrepresentation and improper conduct
- Duties to clients: loyalty, prudence, care, and confidentiality in the assessor-client relationship
- Duties to employers: loyalty and disclosure of additional compensation arrangements
- Assessment standards: diligence, thoroughness, disclosure of relevant information, and proper record-keeping
- Identifying and disclosing conflicts of interest and referral fees

Module 5: COSIRI assessment facilitation; 12 hrs coursework · 36 hrs self-study

- Overview of the Official COSIRI Assessment: objectives, stakeholders, scope, principles, timeline, phases, and deliverables
- Planning and preparation: scheduling and conducting the briefing call, sending preparatory materials, scheduling Evaluation and Review sessions
- Evaluation phase: initial discussion on Assessment Matrix bandings, factory tour, refinement and validation of bandings, gathering Prioritisation Matrix inputs
- Analysis and review: reviewing evaluation data, analysing Assessment and Prioritisation Matrix results, generating the COSIRI report, providing insights, and debriefing the client
- Mock COSIRI Assessment Workshop (Stage 1 of practical examination): case review followed by a walk-through
- Mock COSIRI Debrief Session (Stage 2 of practical examination): interpreting results and guiding next steps

EXAMINATION

The CCA Examination has two parts, each worth 50% of the overall grade:

- Theory – 50 multiple-choice questions, 90 minutes, closed-book (in-person or online-proctored)
- Practical – a case interview in two stages: a Mock COSIRI Assessment Workshop and a Mock COSIRI Debrief Session, 90 minutes total, open-book (in-person or via video conference)

To pass, candidates must meet all three criteria: minimum 25/50 in the theory, minimum 25/50 in the practical, and a combined total of at least 70/100. The examination is registered and administered directly through INCIT. Full examination details and the CCA Agreement are shared upon registration.

CERTIFICATION AND RENEWAL

Candidates who pass the CCA Examination are awarded the Certified COSIRI Assessor certificate, valid for 2 years from the date of issuance. All CCAs must confirm acceptance by signing the Certified COSIRI Assessor Agreement (as an individual or as a company); upon returning the signed agreement to INCIT, the CCA registers via the COSIRI Portal to begin conducting Official COSIRI Assessments. A nominal fee applies each time an Official COSIRI Assessment is generated.

Full renewal requirements are detailed in the CCA Agreement and the COSIRI Assessor Fact Sheet provided upon registration.