Smart Industry Readiness Index (SIRI) Assessor

Duration	Five days	Schedule	The course runs from 9.00 am to 5.00 pm.
Course aim	The SIRI Assessor Training Course will equip industry practitioners with the requisite industry knowledge and skills to become a Certified SIRI Assessor ("CSA"). The curriculum covers content on Industry 4.0, SIRI's frameworks and tools, business consulting and the methodology for conducting a SIRI Assessment over 40 hours of classroom training.		
Course description	The Smart Industry Readiness Index (SIRI) comprises a suite of frameworks and tools to help manufacturers – regardless of their size and industry - start, scale, and sustain their manufacturing transformation journeys. The SIRI covers the three core elements of Industry 4.0: Process, Technology, and Organisation. The Certified SIRI Assessor Programme was established by the Singapore Government to formally recognize independent and neutral individuals who are able to professionally assess a manufacturing facility using SIRI and its accompanying frameworks and tools. The SIRI Assessment includes the evaluation of a manufacturing facility across the 16 dimensions of assessment, the identification of recommended areas of priority, and the provision of a report of the findings.		
How will I benefit?	This information is to help the CSA in understanding the importance of the different topics and provide guidance to specific techniques for the implementation of an Official SIRI Assessment.		

Course Agenda	Day 1: • Introductions • Course aim, objectives and structure • Introduction to Industry 4.0 Video • ACTIVITY 1: Participant Introduction and Icebreaker • History of Industrial Revolutions • Industry 4.0 and RAMI 4.0 • Key Characteristics of Industry 4.0 • The Principles of Industry 4.0 • Components of Industry 4.0 • ACTIVITY 2: Search and Learn Exercise • Key Technologies of Smart Factories • Conclusions / Summary of Discussion	Day 2: • Day 1 review • Introduction to SIRI • Lead Framework • SIRI Framework • 3 Buildings Blocks • 8 Pillars • 16 Dimensions • ACTIVITY 3: Consolidation of SIRI Understandings • Assessment Matrix • ACTIVITY 4: Mapping of SIRI Banding • Conclusions / Summary of Discussion
	Day 3: • Day 2 review • Introduction to TIER Framework • Prioritization Matrix (PM) • Components of PM (i.e. Proximity, Degree of Relevance, Cost Profile, Planning Horizon, KPIs, etc.) • Calculation Methodology • (PM) Cost Profile Breakdown • (PM) KPIs Breakdown • Recap of Calculation Methodology • Application of Calculation Methodology • Case Study • ACTIVITY 5: Open Discussion • SIRI Insights • Conclusions / Summary of Discussion	Day 4: • Day 3 review • Professionalism • Duties to Clients • Duties to Employers • Assessment, Recommendations and Actions • Conflict of Interest • ACTIVITY 6: MCQ • SIRI Assessment and Methodology • Planning and Preparation • Evaluation of Assessment Matrix • Conclusions / Summary of Discussion
	Day 5: • Day 4 review • ACTIVITY 7: Case Study Presentation • Evaluation of Prioritization Matrix • Analysis and Review • Questions and Feedback • Conclusions / Summary of Discussion	
What will I learn?	With reference to the Certified SIRI Assessor Programme Syllabus, the SIRI Assessor Training Course is designed to equip CSAs with the following knowledge and competencies: • The underlying principles of Industry 4.0 and the key technologies • The development and deep understanding of SIRI, its frameworks and tools • The duty of applying basic business etiquettes for client engagement and workshop delivery • The importance of professionalism and ethics related to consulting providing consulting/advisory services • The implementation of SIRI Assessment in accordance with the frameworks and tools.	

bsi.

Inspiring trust for a more resilient world.

Who should attend?	Anyone involved in assessing organization's Smart Industry Readiness Index.
What will I gain?	On completion, you will be awarded an internationally recognized Certificate of Attendance by BSI with INCIT logo
Prerequisites	You are expected to have the following: • Relevant degree in Science, Technology, Engineering and Mathematics (STEM) • At least 3 years of job experience relating to advisory work and activities. It is recommended to have at least 300 hours of project advisory/consulting experience • At least 5 years of job experience relating to the manufacturing sector • 2 referees from manufacturing and/or advisory projects over the last 2 years

Why invest in training from BSI?

Our tutors

When you attend a BSI training course, our tutors are the best in the business. They're truly passionate about sharing their knowledge and ensuring you learn. Trusted experts with years of hands-on and business experience, they bring the subject matter to life with relevant and contemporary examples.

Our approach

Our high-impact accelerated learning approach increases learning by improving knowledge retention and skill application. This course is activity based, resulting in a deeper understanding of the material and a greater impact on job performance.

Training delivered at your site

This could be a convenient and cost effective option especially if you have multiple delegates.

Talk to one of our experts to find out more

Next steps with the BSI Academy

You may also be interested in taking our Certified SIRI Assessor Practical and Theory Examination.

Find out more.
Call: **+65 6270 0777**
Email: **training.sg@bsigroup.com**
or visit: **bsigroup.sg**

BSI Group Singapore Pte Ltd
77 Robinson Road
#28-01/03
Singapore 068896

bsi.

Inspiring trust for a more resilient world.