

Attachment 2
Class Schedule (Curriculum)
(Addendum to Training Program Curriculum Form Item 7-3. Program Schedule)

number	Module※1	Topic	Contents	Training Type※2	Duration of Lecture(hours)	Date	Utilization of main equipment, instruments, and technologies	Venue	Scheduled Instructor	Briefly describe how this chapter relates to decarbonization and productivity improvements	Remark
1	Understanding of current problems	Introduction of this program	Explanation of training objectives and goals, Introduction of program instructors	Lecture	1.0	Day		xxx training center xxx training center xxx training center xxx training center	Mr.xxx	Before improving waste, participants must first understand the challenges in their own factories.	
		Role of production line	Meaning of production line, Role of the worker, and Workflow in the production line	Lecture	2.0						
		Major challenges and Identification of challenges	Types of challenges, Methodology of challenge detection and identification using A, B and C, and case studies	Lecture	2.0						
		Case Studies & Mockup Cases Discussion	Group discussion of given cases to identify challenges	Exercise	1.0						
2	Energy Efficiency Management	Energy-efficient Technologies	Overview of energy-efficient technologies, Case studies on successful implementation, Emerging trends and innovations in energy efficiency	Lecture	1.0	Day	Co2 emission simulation system	xxx training center xxx training center xxx training center xxx training center xxx training center	Mr.xxx(with Interpreter)	understanding of principles and practices essential for optimizing energy consumption in various contexts. Topics include the fundamentals of energy efficiency, conducting energy audits, implementing efficient technologies, and exploring regulatory frameworks.	Report submission required
		Energy Audits and Assessment	Energy auditing, A comprehensive energy assessment, Tools and techniques for energy measurement and Introduction to BEMS, Components and functionalities, Implementation and optimization strategies	Exercise	2.0						
		Building Energy Management Systems (BEMS)	Introduction to BEMS, Components and functionalities, Implementation and optimization strategies	Lecture	1.0						
		Industrial Energy Management	Challenges and opportunities in industrial energy management, Best practices for energy conservation in manufacturing, Integration of Industry 4.0 and energy efficiency	Lecture	1.0						
		Policy and Regulatory Frameworks	Overview of energy-related policies and regulations, Compliance and reporting requirements, Incentives for organizations adopting energy-efficient practices	Lecture	0.5						
Case Studies and Success Stories	Real-world examples of successful energy efficiency projects, Lessons learned and best practices from different industries	Lecture	0.5								
3	ABC				1.0 3.0 4.0	Day	IoT sensor	xxx training center xxx training center	Mr.xxx		
4	DEFG			OJT	1.0 1.0 2.0 4.0 8.0	Day		factory at XXX company			
5					0.0	Day					
6					0.0	Day					
7					0.0	Day					
8					0.0	Day					
9					0.0	Day					
10					0.0	Day					
11					0.0	Day					
12					0.0	Day					
13					0.0	Day					
14					0.0	Day					
15					0.0	Day					
					24.0 hours						

※1 Module is a segment of a training course that focuses on a specific objective or a part that encompasses a set of knowledge and skills required to achieve a specific objective

※2 Exercises means “practical training that includes hands-on practice and exercises using simulated environments,” “presentations and other presentations from the participant’s side,” and “discussion, group work, workshops and other methods”.

OJT (On-the-job training) means training conducted at an actual company using on-site machinery and other equipment.