The Controlled Environment Building Professional (CEBAPro) is a responsible for understanding and possessing a fundamental knowledge of the concepts, terminology, techniques, and elements related to the design, construction, maintenance, safety, and long-term operations of a controlled environment facility.

Target Audience: General and Thermal Contractor Site Superintendents, Project Mangers, Project Coordinators, Project Engineers, Professional Engineers, Estimators, Pre-Construction Managers, Pre-Construction Coordinators, Architects and designers.

Qualifications: Expected to have knowledge of Project, Financial Management and Safety Management

CEBAPro Curriculum Blueprint		Weight
A	Principals of product safety regulation	20.1%
	Knowledge of product preservation	
	Maintain, regulate, preserve, processing and storage temperatures for frozen and refrigerated foods	
	Understanding of food safety standards	
	Identify food storage temperature requirements	
B	Understanding of building design concepts	43.7%
	Understanding of building codes and standards and local requirements	
	Identify storage systems – manual and automated	
	Apply principals of vapor resistant envelope	
	Understand impact of building layout on refrigeration load	
	Knowledge of specialized materials of construction	
	Coordination of building construction and commissioning	
	Develop project scheduling and sequencing	
	Knowledge of construction site safety requirements specific to Controlled Environment Buildings	
C	Knowledge of controlled environment building control systems and their interdependence	21.0%
	Knowledge of material handling equipment and rolling stock requirements	
	Understand mechanical, refrigeration, fire protection, and electrical systems	
	Provide a safe workplace for employees and products	
	Develop a plan for maintenance of the building envelope and systems	
	Apply transportation and handling concepts to maintain the cold chain	
D	Knowledge of energy and environmental impacts	15.2%
	Knowledge of applicable environmental laws and regulations	
	Understand the principals of energy conservation	
	Understand return on investment concepts and analyses	