

VEL

Value Engineering Leader

2018 SCHEDULE

VEL Examination

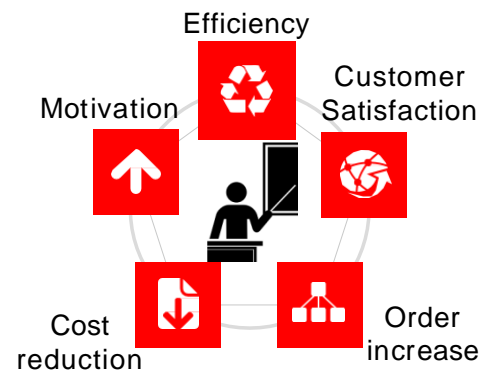
- 1 April 18th – July 31st 2018
Online application starting on April 2, 2018
- 2 September 1st – February 28th 2019
Online application starting on August 17, 2018

Over 80,000 people certified
In Japan, Korea, China, and Thailand
expanding to Asia and the World

Value Engineering Leader Certification Program is conducted by SJVE to accredit individuals who have sufficient basic knowledge in VE to perform as VE team leaders in any organization or study group

WHAT IS VE?

Value Engineering (synonymous with the terms value management and value analysis) is a professionally applied, function-oriented, systematic team approach used to analyze and improve value in a product, facility design, system or service -a powerful methodology for solving problems and/or reducing costs while improving performance/quality requirements. By enhancing value characteristics, Value Engineering increases customer satisfaction and adds value to your investment. Value Engineering can be applied to any business or economic sector, including industry, government, construction and service. Using Value Engineering is a very successful long-term business strategy.



VE – An Innovative Breakthrough Method!

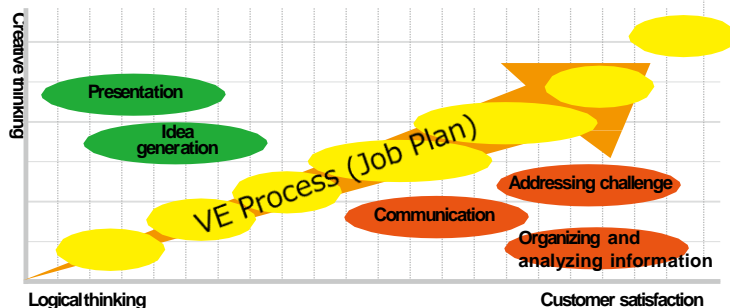
WHY IS VE NECESSARY?

Human resource Development

Under the current environmentally-challenged society, companies and organizations are responsible for keeping and realizing a sustainable society while the awareness and behavior of each individual citizen must also be changed. Competencies acquired by VEL works well in harmony to address this global social needs. It is an intelligent choice for company to have their employees trained in VE, as it will help in strengthening of human resource development.

Improving individual's skill

In VE, questions such as “What does it do?” or “What is its function?” are asked then the answers are analyzed using How(purpose)-Why(objective) logic to solve problems in a creative manner. This process is the essential part of VE and you will obtain competencies like communication, presentation or organizing and analyzing information skills through this process. If you get certified in VE, you will be able to improve your own business skill at the same time.



Obtaining various skills through VE process!

Top 10 companies with certified VEL

In 2017 VEL examination

Top 10 companies: result of 2017 examination

No.	Company	Certified VEL
1	Mitsubishi Electric Corporation	374
2	Pioneer Corporation	141
3	Mitsubishi Electric Engineering	114
4	Fujita Corporation	91
5	Isuzu Motors Limited	70
6	Panasonic Corporation	63
7	Nabtesco Corporation	59
8	Hitachi Construction Machinery	53
9	IHI Corporation	52
10	Mitsubishi Electric Trading Corporation	39

Accumulated number of VEL

Top 10 companies: 1990 - 2017

No.	Company	Certified VEL
1	Mitsubishi Electric Corporation	3,758
2	Hitachi, Limited	2,456
3	Kajima Corporation	2,134
4	IHI Corporation	1,989
5	Hitachi Construction Machinery	1,907
6	Fujita Corporation	1,883
7	Toda Corporation	1,831
8	Hitachi Kokusai Electric Inc.	1,689
9	Hitachi Systems, Ltd.	1,657
10	Hazama Ando Corporation	1,506

Message from Leading Company in VE



Mr. Hiroyuki Arai

VEC Promotion Center
Procurement Division
Hitachi Systems, Inc.

How VEL certification program has been implemented and developed?

Hitachi Systems provides a wide range of IT-related services to our clients nationwide, including system integration, construction, maintenance and operation. In the earliest years, the subject of VE study was focused on maintenance and operation service which require "repeated operation". But recently, we have been expanding the areas and subjects of VE application to our sales and administration, upstream operation (planning and development) within SI Division as well as beyond the organization such as our group companies. In order to expand and develop VE within an organization, experienced VE practitioners are strongly needed. It is why our company has encouraged our staff to get certified in VE.

What are the advantages of increasing the number of certified VEL?

VE provides not only a problem-solving method but also a means of communication. In our Service Division, VE has been an effective way to have our service "visualized". As service operation tends to be on-site job, thus requires capabilities to find and solve problems in the field (called "genbakyoku"). Also in performing cross-sectoral activities, using appropriate common language is essential for effective communication. We have seen that certified VE Leaders are capable in managing both "genbaryoku" and "common foundation", resulting in significant effects in many projects involving various people.

Any key points to have VE established in companies or organizations?

There are 3 main points. 1) Organizational promotion lead by top management; 2) Continuous efforts promoted by in-house VE promoters; and 3) Training in VE. At Hitachi Systems, we appoint one VE promoter for each business division, have annual budget management for VE, share VE related know-how through IT tools, and conduct continuous education programs. Obtaining VEL certification is not merely a goal. We encourage our staff to be real VE practitioners and assist them with a variety of training programs such as practical workshops and original e-learning courses.

General Information

VEL examination is available in Japan, Greater China (Mainland, Hong Kong, Macau and Taiwan), South Korea and Thailand.

Prerequisites	Aged 20 or over who have completed 12-hour VE basic seminar (including correspondence course)	
Examination	Level	basic knowledge of VE, ability to apply that knowledge in practice, and knowledge necessary to become a VE team leader
	Duration	90 minutes
	Format	CBT (computer-based testing) – Japan and Thailand Paper (multiple choice and T/F questions) – Greater China and South Korea
	Passing grade	70-100 points
Fee	20,000 yen (plus tax) – or equivalent fee in local currency	
Language	Japanese (Japan), Chinese (Greater China), Korean (South Korea) and English (Thailand)	
Other conditions	Exam applications in countries other than Japan are processed through our local affiliates or business partners. For more details, please contact SJVE office.	

Contact SME Office

For questions or more information, visit www.sjve.org/eng or send email to: info@sjve.org