

VES

Value Engineering Specialist

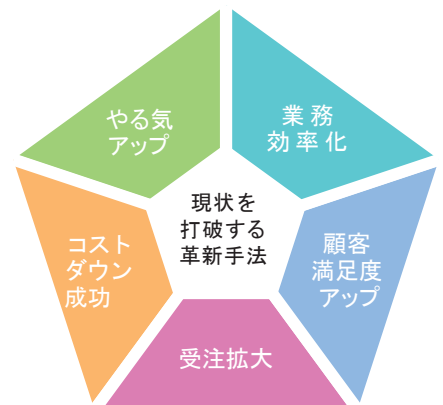
The 21st VES Examination

Date	Dec. 1 st 2018 14:00~16:00
Location	Tokyo and Osaka
Fee	32,400 yen
Application	Aug. 1 - Oct. 31, 2018

VE Specialists actively engage in a variety of roles as in-house and outside VE professionals responsible for VE program promotion, project facilitation and training instruction.

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.



WHAT IS VES IMPORTANT?

VES certification is established by SJVE to recognize people who are equipped with sufficient knowledge, skills and experiences as VE professionals to conduct VE studies and manage VE programs in companies or organizations. The certification program subjectively evaluates whether or not the individuals master necessary knowledge base and techniques to conduct VE projects and promote VE programs. As VE professionals, certified VES encourage their business colleagues and clients in deploying VE program and promote for its stable use within organizations. Also, VES play an important role in VE management, promotion and education. There is a lot of other opportunities for them to work actively as VE experts.

Certified VES Data

2017 VES Examination

Applied: 81 Passed: 37 Pass rate: 45.7%

Result of 2017 examination – Top 10 companies

法人名	合格者数
Mitsubishi Electric Corporation	12
IHI Corporation	4
JATCO Ltd.	3
Tadano Ltd.	2
IHI Infrastructure Systems Co., Ltd.	1
IHI Transport Machinery Co., Ltd.	1
IHI Logistics and Machinery Co., Ltd.	1
IHI Plant Engineering Co., Ltd.	1
Omron Corporation	1
Kitagawa Iron Works Co., Ltd.	1

Accumulated number of VES : 81

(As of January 2018)

Top 10 companies: 1998 - 2017

法人名	登録者数
Mitsubishi Electric Corporation	78
CTI Engineering Co., Ltd.	16
Pacific Consultants Co., Ltd.	11
Fujita Corporation	10
Oita Prefecture	9
Hitachi, Ltd.	9
IHI Corporation	8
Kitagawa Iron Works, Co., Ltd.	8
Mitsubishi Heavy Industries Co., Ltd.	8
Mitsubishi Logisnext Co., Ltd.	8

Interviewing Successful VES Applicant



Masahiro Tsuchida

Chief, Turbo Engineering Group
Rotating Machinery Design Dept.
Rotating Machinery Sector
IHI Rotating Machinery
Engineering Co, Ltd.

First contact with VE?

I was in charge of company-wide VE promotion in 2002 and attended company VE training course. I was very impressed by the concept of function-oriented creative thinking which leads to generating ideas freely and creatively without sticking to the common sense. After I obtained VEL certification, I have used VE in my design works. When I was concerned about my career development, I learned that there was in-house VE workshop in compliance with VES certification, I did not hesitate to attend and decide to pursue VES certification.

How to get prepared for the exam?

A certified CVS colleague in my company advised me to create a matrix of VE job plan to make better understanding of the process. I always carried this matrix with me to read it repeatedly until I got everything in memory. This way the fundamental steps and connections of each step were understood. During the VE workshop, we addressed a real product made by IHI group so it was easy to understand the exercise and how the VE process relates to my own duties. My CVS colleagues helped me in making sample test problems and had my answers corrected in detail. I also practiced to answer rapidly in order to complete the all problems within the limited time.

General Information

Currently, VES examination is conducted once a year in Japan and is available in Japanese language only.

Prerequisites	Business experience - 4 years minimum ii. VE learning experience ii-1 Completed 48-hour VE workshop seminar approved by SJVE, or ii-2 Meets the following conditions: Qualified as a VEL and completed a total of 6 days course from Value Design School Intermediate Course VE and VE-related performance - obtain a minimum of 40 points in total of iii-1 and iii-2 iii-1 VE performance (minimum of 20 points required) iii-2 VE-related performance (minimum of 10 points required)	
Examination	Level	Two kinds of test problems: for manufacturing, service or other industries; and for construction industry. VES exam is registered and conducted by SJVE to accredit individuals with sufficient knowledge, technical ability and experience in VE to carry out and promote value engineering activities as VE experts within an organization.
	Duration	120 minutes
	Format	Paper (multiple choices, T/F questions and narratives)
	Passing grade	70-100 points
Fee	32,400 yen	
Language	Japanese	
Other conditions	Certified VES must renew certification every 4 years; after the third renewal they attain Life member status	

Contact SME Office

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