

Date: June 21-22, 2010

Location: Markham, ON

Registration

Complete the information below and email your registration to tomfletcher@vianet.ca :

The Fletcher Group
204 One Mile Road, Corbeil, ON

- \$685 Regular Fee (Cdn)
 - 10% Discounted Fee (Cdn)
, 3 or more participants
- _____ Number of Registrants
_____ Discount Amount
_____ Subtotal
_____ 5% GST on Subtotal
_____ Total Enclosed

Name _____
Title _____
Company _____
Address _____
City _____
Province/State _____
Postal Code _____
Phone _____
Fax _____
Email _____

Cancellations must be received one week before the course to receive a full refund minus \$50 Processing fee.



Instructor: Mrs. Parrot, .Ing., CVS is an industrial engineer with over 25 years of experience. She has extensive experience in the optimization of processes and products,

in business, Information Technology and manufacturing applications. She has been utilizing the value engineering methodology and complementary methods, since 1991. Mrs. Parrot has moderated more that 150 workshops, in Value engineering, functional analysis (FPS) and concurrent engineering.

She helps her clients design and implement an Integrated Product Development Process, in order to optimize the value of their new products under development.



Instructor: Mr. Fletcher P.Eng., CVS is the senior engineering manager responsible for all technical projects within the Fletcher Group; a company focusing on Value Engineering/ Management studies including functional performance specifications for the public and private sector. Tom has over 30 years of engineering experience including 10 years experience in VE.

For additional information contact:
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Functional Performance Specification



Training Workshop

The functional analysis workshops, done for the design of the Montreal-Two Mountains transit line, were a real success. The functional performance specification allowed us to question and redefine the functions of all systems on the train... an essential starting point for the project and an important reference document.

Lamia Orfali, systems engineer
Dominique Aglot, manager RAMS
Bombardier- Transportation





Value Engineering (also known as Value Management or Value Analysis) depending on the business sector, is a systematic and function based approach to improve the value of the projects, processes or products. By identifying required (basic) functions through “functional analysis” an item’s cost can more closely match its worth.

Functional Performance Specification is an extension to the VE process that expresses client needs in terms of functions and constraints. An evaluation criteria including acceptance levels and flexibility are developed to describe the client needs.

Functional Performance Specification (FPS)

“The development of a functional performance specification for our traffic volume information system helped to identify the needs for business process changes and identified processes that were non essential

The use of two simple words “Why” and “How” when developing the FPS allowed us to focus on the needs of our stakeholders rather than their desires.

The FPS provides a business with a document that not only identifies its business functions but also justifies them.))

Andrew Beal, P.Eng., Project Manager
Ministry of Transportation

“Functional Performance Specification is one of the best tools I have worked with that bridges the communication and technical gaps between users and IT specialists.))

Chris Chartrand
27 Software



- VE protects the Owner, Designer, Contractor (or Manufacturer), and user from excessive capital, O&M, and life cycle costs.

- Control your project or product schedule cost while maintaining or improving performance.

FPS - Specifies the needs of the desired product/process Creates an acceptance framework for competing solutions

- Can be created with internal team.

- Improves your organization’s internal quality and client perceptions with your improved creativity and sense of function and value.

Training Materials - Each person will receive a Functional Performance Specification workbook as part of the course fee.

Course Duration: 2 Days

Training Schedule:

9:00am - 4:30pm

Lunch and refreshments provided

