



**Greetings from Vermani Consultants !**

Vermani Consultants offers a whole range of world-class services for Management Systems Certifications, Trainings and Product Certifications. In line with Vermani Consultants commitment to keep the Indian industry abreast with the latest in the field of Management Systems, we are conducting the following course:

Name of Course	Duration/ Dates/ Time	Venue	Course Fee (INR)
<b><u>Problem Solving Techniques &amp; Statistical Process Control (SPC)</u></b>	<b>2 Days 26th- 27th April 2008 9 AM – 5.30 PM</b>	<b>Chancellor Club Ansal's Palam Vihar  Gurgaon-122 017</b>	<b>Rs. 5000/- plus service tax @ 12.36%  Total amount: Rs. 5618/- Per Participant</b>

Please note that programme is **NON- RESIDENTIAL** .

Vermani Consultants is looking forward to healthy participation from your side to reap the benefits of the above-mentioned course being conducted by experienced Faculty. **Our Faculty is a Qualified Engineer from one of IITs with more than 20 years of exp. in Automotive Industry.**

The course contents are enclosed herewith for kind perusal at your end. For registration, kindly send in your duly filled Nomination Form at the earliest.

**[Kindly confirm your acceptance by fax on 91-11- 22374932 OR E-mail at vercons@yahoo.co.in or info@vcpltd.com](mailto:vercons@yahoo.co.in)**

Looking forward to your valued participation and assuring you of our best.

Thanks & Regards

Swati

Executive- Training

Cell.: 981 15-39572

Tel.: 011-2237 4934, 22374935



Workshop on  
Producing Zero Defect  
by  
**Problem Solving Techniques & Statistical Process Control (SPC)**

**Course Description**

In line with Indian Industry's theme "Competitiveness of India Inc", Vermani Consultants, New Delhi is offering a comprehensive workshop on Producing Zero Defect by Problem Solving Techniques **and** Statistical Techniques (Implementing S.P.C on production shop) on 26-27 April 2008 at Gurgaon. The course will address different statistical methods to be used for controlling manufacturing process variations to achieve zero defects in mass production environment and Problem Solving Techniques.

In today's competitive environment, we are challenged by different problems like customer complaints, customer returns, high rejection, repetitive break down of critical machines, etc.. Young Managers/ Engineers/ Executives face real tough challenge to solve these day to day problems. The structured methods like 8-D, 7 QC tools and process approach shall be discussed in detail to permanently solve the problems.

In the manufacturing industries controlling rejections of an on-going process is really tough tasks for the Process Managers. Applications of Statistical techniques like SPC (Statistical Process Control) are used for controlling the process variations in such industries. Implementations of SPC tools on shop floor helps a company to predict rejections well-in advance, and to initiate preventive action to avoid likely rejections, which may occur in future.

For the manufacturing, service, IT, Food and other allied industries, SPC techniques have been formulated, which can be used for evaluating capabilities of the processes. The process capability indices like Cp, Cpk, Pp, Ppk helps us for defining capabilities of these processes to meet the design specifications. This capability indices also becomes benchmarks in continual improvement of the process. Control charts are another effective tools in SPC used especially for monitoring performance of on-going process. Control charts also helps the operator to take the preventive measures well in advance and much before a process may likely to produce actual rejection. Thus producing zero defects can be achieved in practice, as the organizational aim.



## Who should attend?

- ✍ Production / Quality - Managers
- ✍ Production / Quality - supervisors
- ✍ Quality Assurance Personnel involved in Production / Process planning and control activities, Incoming – In-process - Final Inspection.
- ✍ Internal Quality Auditors
- ✍ Management Representatives
- ✍ Groups involved in implementation of Statistical Process Control activities.

## Course Structure

Interactive sessions, role play and workshops are based on recent case histories, ensuring that the skills and methodologies transferred are current best practice and are relevant to real life situations.

Major topic areas covered include:

- ✍ Basic Process approach- foundation of Six Sigma methodology.
- ✍ 7 QC Tools
- ✍ 8-D Methodology
- ✍ Introduction of Basic Statistics – Normal Distribution, properties of normal distributions, and the concept of Statistical Process Control for controlling process variations.
- ✍ To understand Control verses capability and the concept of Zero Defect approach.
- ✍ To understand the concept of Process capability.
- ✍ To understand the significance of SPC tools, with respect to the control of total manufacturing process.
- ✍ To understand the process capability indices Cp, Cpk, Pp, Ppk , and their evaluations.
- ✍ To understand the formation of Control Charts for variable Data - Xbar – R chart , Xbar –S chart , X-MR chart , and for attribute Data n, np , c & u charts .
- ✍ To understand the interpretation of control charts in monitoring the process performance and use of control chart for predicting the future likely process rejection, in advance.
- ✍ Achieving Zero Defects.



**NOMINATION FORM**

We are pleased to nominate the following delegates for Problem Solving Techniques and SPC Training Course being conducted by Vermani Consultants from 26th – 27th April, 2008 at **Chancellor Club, Ansal’s Palam Vihar, Gurgaon**.

Kindly confirm your acceptance by fax on 91- 11 -22374932 OR [E-mail](mailto:vercons@yahoo.co.in) at [vercons@yahoo.co.in](mailto:vercons@yahoo.co.in) or [info@vcpltd.com](mailto:info@vcpltd.com)

<u>Sl.No</u>	<u>Delegate Name</u>	<u>Designation</u>	
1.			
2.			
3.			
4.			
5.			

**Course Fee:** Rupees Five Thousand only (Rs. 5,000/-). In addition, service tax @ 12.36% shall be applicable. Total Per Delegate Rs. 5618/-

**Payment Terms:**

Full Payment as applicable must be made in advance by DD / Cheque payable at Delhi in favour of **‘Vermani Consultants** to be sent to our Delhi Office at the earliest. Please note that registration for the above course is done purely on a first come first serve basis and its validity is subject to the realization of payment. In the event of **Vermani Consultants** being unable to register delegate/s or if the program is cancelled the Cheque/ Draft will be returned/ refunded in Full. Please note that programme is **NON- RESIDENTIAL**.

**Payment Details:**

Cheque/Draft No. .... Dated ..... For Rs.....

Drawn on (Name of Bank).....) is enclosed for the above delegates.

**Organisation Details:**

Please acknowledge the receipt and confirm the acceptance of nomination to me /or the person at the address given below:

Contact Person .....

Organization.....

Address.....

.....

Telephone .....Fax.....

E Mail .....