



# Certified Lean Sigma Green Belt

## Ten days Training with International Certification from VRI USA

Pakistan Hosiery Manufacturers & Export Association – **PHMA** in collaboration with **SMEDA Government of Pakistan** with the support of **bfz gGmbH Germany** are organizing ten days training on **Lean Sigma Green Belt**. Lean Sigma Green Belt is the middle level course for quality improvement teams. It provides exposure to the participants regarding the application of quality & Lean tools, DMAIC methodology and skills to run Lean Sigma projects. The objective of this course is to equip the participants of this latest management technique and to develop member of green belts (who can form Lean sigma project teams in their respective organizations) and by mastering the skills necessary to lead a complex process improvement project that produces bottom-line results. The course will also help the participants to understand the important concepts of Lean & Six Sigma, its methodologies and applications, preparation of road-map for launching Lean Sigma in their organization, understand how to apply Lean Sigma methodologies for improving the organization's business processes and profitability in today's world of global competition along with understanding of the Key Success Factors & Challenges during launch, deployment & sustenance of Lean Sigma.

### LEAN SIGMA GREEN BELT TRAINING COURSE CONTENTS

Certified LSGB training course from VRI USA is comprised of twenty one modules, moderated by internationally certified trainer from VRI, USA. Each module is a collection of process improvement techniques, interactive reviews, quizzes and exercises.

#	Module Details	#	Module Detail
1	Lean Sigma Definitions	12	Implementing Flow and Pull
2	Getting Started	13	Jidoka and Mistake-Proofing
3	Laying the Project Foundation - Ipo Diagrams	14	Standardized Work
4	Mapping Your Process Go To Gemba (Vsm Part1)	15	The Visual Workplace
5	Define Your Project	16	5s
6	Data Analysis with Basics Stats And Graphs	17	Quick Change-Over
7	Measurement System Analysis (Msa) - Check For Data Reliability	18	Kaizen Events
8	Team Building and Project Management	19	Hypothesis Testing (How To find Significance Shifts In Data Set)
9	How to Reduce Process Variance and Determine Root Cause /	20	Measuring Process Control - Control Charting
10	Lean Tools For Process Improvement	21	Basic Regression Analysis
11	Just In Time Concepts	-	Quizzes and interactive exercises

#### Designed For:

Professionals from various streams like production / operations, supply chain, development, HR, marketing, quality, admin, general/ strategic management, finance/accounts, customer care and Manufacturing companies of various kinds includes machinery/ equipment, pharmaceutical/ chemicals, FMCG/ food items, plastics/rubber, electronic, automotive/ component, agricultural – processing.

**Fee:** Subsidize fee of PKR 35,000/per participant will be paid in advance by cash or cheque with the name of "PHMA". Fee includes training material, International certificate from VRI USA, Lunch & Teas.

#### Resource Persons:

Dr. Bilquis Yasmeen has more than 17 years of professional experience and leadership in Quality Management and Organizational Development. As a Quality Executive, she has versatile experience of various business roles includes Global Quality Auditor, Lean Sigma Champion, Lean sigma Black Belt & Lean Sigma Project Assessor. She has implemented, managed and audited GMP compliant quality management systems. She led the process of gap analysis, risk management, change management, CAPA, GMP Training and led the team of BPCS implementation. Bilquis rolled out Lean Sigma processes at Thailand & Pakistan and conducted White Belt & Green Belt Lean sigma trainings at GSK India, Malaysia & Pakistan. Her lean sigma background includes applications of SPC, DMAIC, FMEA, root cause analysis, MSA, Kaizen, functional baseline and Lean Sigma process deployment. Bilquis did PhD from University of Manchester, UK. She is a member of the Royal Society of Chemistry (RSC) and Member of the American Society for Quality (ASQ). She is ASQ Certified Quality Auditor, Certified Master Black Belt and Leadership Advocate.

#### Certificate:

##### Certificate of Participation:

After completion of successful 10 days training and evaluations, each participant will be entitling of "Certificate of Participation" issue by VRI USA.

##### Certification of Certified LSGB:

Before start of the training, the participants will have to identify one organization where s/he will deploy LSGB methodology. After completion of the ten days training, the participant will have to implement the learned LS concept as per the instructions of the trainer and submit two project reports within six months after the training to get certification of LSGB from VRI USA.

**Dates: Saturdays & Sundays: 22, 23, 29 & 30 December 2012, 12, 13, 19 & 20 January 2013, 2 & 3 February 2013 (Total 10 days)**

**Time: 0930 hrs – 1730 hrs**

**Venue: PHMA House, 37-H Block -6 PECHS, Karachi**

#### Mr. Muhammad Naveed

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**Only 10 seats available**

**Registration will be on first come first serve basis**  
Last date: 17<sup>th</sup> December 2012

#### Mr. M. Naeem Ansari

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