

PROGRAM TITLE	CERTIFIED SIX SIGMA GREEN BELT PROFESSIONAL (CSSGBP)- 5 DAYS COURSE
INTRODUCTION	<p>This Certification Program is a core certification program of American Certification Institute (ACI). This program offers the designation of Certification Awarded (Certified Six Sigma Green Belt Professional – CSSGBP-Entry Level). CSSGBP course provides participants with a thorough exposure to the tools and methods that are necessary to successfully lead and contribute to Six Sigma projects. Candidates are given the tools to identify improvement projects, measure results, and analyze performance data. <i>Note: This program can also be customized for in-house Training as per client requirements</i></p>
COMPLETION OF THIS PROGRAM WILL ENABLE THE PARTICIPANTS TO:	<ul style="list-style-type: none"> • Understand and be able to explain the concept of Six Sigma. • Identify the voice of the customer, their needs and requirements. • Discover all the various ways to collect data. • Learn to identify sources of variation and screen potential causes. • Learn and apply the Six Sigma DMAIC tools as a member of an improvement team. • Understand and apply the concepts of group dynamics.
PROGRAM SCHEDULE	<p>The training and examination components of Green Belt certification are both covered during the attendance of course. Participants may complete both the Green Belt training and examination upon completion of the syllabus. The final component, project demonstration, is conducted at the site.</p> <p>Prior to taking the tests, participants should review and study the modules. The passing score is 80% and above. Participants are allowed as many re-takes as necessary to pass the test with an additional examination fee charged for each re-take.</p>
WHO SHOULD ATTEND	<ul style="list-style-type: none"> • Operations managers, supervisors, leads and other individual contributors (Quality Engineers). • Engineers, administrators, manufacturing personnel. • Consultants who want to incorporate Six Sigma, Green Belt in their service offerings. • Individuals seeking to obtain practical skills in Six Sigma, Green Belt. • Individuals wanting an introduction to Six Sigma thinking and techniques.

MODULES FOR CERTIFICATION	Participants may complete both the Green Belt training and examination upon completion of the syllabus. The final component, project demonstration, is conducted at the site. Prior to taking the tests, participants should review and study the modules. The passing score is 80% and above. Participants are allowed as many re-takes as necessary to pass the test with an additional examination fee charged for each re-take.	
PROGRAM DETAILS	DURATION	TOPICS COVERED
	<p>PHASE 1: Project Selection</p> <ul style="list-style-type: none"> • Course Logistics (rules, program layout, expectations) • What is Six Sigma? (introductory overview) • Project Selection • Project Planning and Charters • Internal Process Measures • Introduction to DMAIC project management • Examination <p>PHASE 2: Define and Measure</p> <ul style="list-style-type: none"> • Basic Statistical Concepts • Control Charts • The Define Phase • Process Mapping • Measuring System Analysis • Process Capability Analysis <p>Phase 3: Analyze and Improve</p> <ul style="list-style-type: none"> • The Analyze Phase • Root Cause Problem Solving Tools • Basic Experimental Design (Hypothesis Testing) • Linear Regression • Introduction to DOE • The Improve Phase <p>Phase 4: Control</p> <ul style="list-style-type: none"> • The Control Phase • Basic Cost Benefit Analysis • The Control Plan Strategy • Error proofing • Levels of Control • Review and Wrap-up • Examination 	

TRAINING METHODOLOGY	<ul style="list-style-type: none"> • Multi-media presentation to introduce the topics and underpin the key messages • Interactive discussions to share thoughts, ideas and experiences • Practical thinking challenges • Individual and small group brainstorming sessions and workshops/activities/exercises • Every activity is designed to provoke the minds of participants that stimulates the minds to investigate and learn by using our PIPE© - line • Level II assessment conducted through pre & poste test Training report shall be submitted upon completion of course • Quiz on understanding • Workings on actual forms and formats
PROFESSIONAL FEES	To Be Advised and 100% claimable under PSMB
CERTIFICATES	Delegates who successfully complete the course with a passing mark of 80% and a successful completion of a project will be awarded the (Certified Six Sigma Green Belt Professional – CSSGBP-Entry Level Certificate by the American Certificate Institute and those who do not fulfil this requirement will be awarded the Certificate of Attendance issued by INSOL Consultancy