

Lean Six Sigma **Yellow Belt**

| for Mining Operations

“Driving Cost Efficiency & Productivity”
3-Day Practical Training

Applying DMAIC-Based Problem
Solving to Improve Mining Performance



TRAINING OBJECTIVE

By the end of this training, participants will be able to:

1. Understand Lean Six Sigma principles and the DMAIC methodology in the context of mining operations.
2. Identify operational waste and improvement opportunities affecting cost efficiency and productivity.
3. Collect and interpret basic operational data to measure process performance and identify performance gaps.
4. Apply process mapping and root cause analysis to investigate recurring operational problems.
5. Develop practical improvement ideas and basic control plans to support sustainable performance improvement.

WHO SHOULD ATTEND

This program is designed for personnel involved in mining operational performance and continuous improvement, including:

**Operations functions, maintenance, planning, processing, cost control,
and Continuous Improvement team.**



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about **SSCX International**

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TRAINING AGENDA

Day 1

Big Picture of Lean Six Sigma

- New mindseement DMAIC Methodology
- Lean Principles Value Add vs Non Value Add
- LSS Infrastructure Roles & Responsibilities

Day 2

MEASURE:

- Data Collection Plan + Workshop
- Process Mapping + Workshop
- Quick Wins

Day 3

IMPROVE:

- Generate Solution Selecting Optimum Solution
- Lean Tools For Improvement

DEFINE:

- Voice of Customer Project Charter + Workshop
- Project Management & Team Effectiveness

ANALYZE:

- Root Cause Analysis + Workshop
- Statistical Data Analysis
- Graphical Data Analysis

CONTROL:

- Process Control Plan Mistake Proofing
- Wrap Up & Final Test

REGISTER
NOW!



Schedule

Dec 7 - 9, 2026