

Lean Six Sigma Institute Certification Requirements

In order for a candidate to be certified by Lean Six Sigma Institute in the respective Yellow Belt, Green Belt, Black Belt or Master Black Belt level, each candidate must meet the following minimum criteria:

1. Pass the LSSI Yellow Belt, Green Belt, Black Belt and/or Master Black Belt exam(s) with a score of at least 80 out of 100 points.
2. Complete and submit a process improvement project that shows evidence of following the Lean Six Sigma project execution methodology (DMAIC) and implementing the applicable Lean Six Sigma tools.
3. All final project reports should include at least the following for each DMAIC phase:
 - a. **Define:** A3, Project charter, business case, Gantt chart/overall project plan
 - b. **Measure:** Data collection plan, summary of data collected and current state of process performance (using the most applicable tools), one process map (VSM, SIPOC, Cross-functional, etc.)
 - c. **Analyze:** Identification of root cause and/or significant process variables (using the most applicable tools)
 - d. **Improve:** Improvement plan, evidence of Lean Six Sigma tools used, summary of project results (before and after of indicators/CTQs and financial impact)
 - e. **Control:** Control plan or evidence of how to ensure results will be sustained
4. The final project report should be submitted in a PowerPoint presentation/PDF file to the Black Belt or Master Black Belt instructor who conducted the candidate's training.
5. If any additional information/documentation is needed after submitting the presentation, LSSI will contact the candidate directly through an RFE (Request for Evidence).
6. The project will first be reviewed by the Black Belt or Master Black Belt instructor who led their training and then by an LSSI Corporate Master Black Belt for a final approval.
7. Each improvement project, Yellow Belt, Green Belt, Black Belt or Master Black Belt will need to demonstrate an annual financial impact of at least \$25,000, \$50,000, \$100,000 or \$150,000 respectively. These results need to be validated by the sponsoring organization's finance department and/or management team.
8. All improvement projects submitted to LSSI need to be approved by a management team representative designated by the sponsoring organization.