

## SIX SIGMA YELLOW BELT TRAINING

NEPIRC's Six Sigma Yellow Belt training program gives participants a working knowledge of the Lean Six Sigma methodology, a data driven improvement cycle that follows the DMAIC process of define, measure, analyze, improve and control. Individuals taking this program will gain the foundational knowledge to assist in and support Six Sigma projects and help the organization reach their overall objectives.

This training is suitable for anyone who leads limited improvement projects and/or serves as a team member in a more complex improvement project led by a Certified Green Belt or Certified Black Belt. This one day training session covers the learnings outlined below.

### Foundations & Principles:

- Six Sigma Metrics
- Lean Foundations & Principles
- Six Sigma Roles & Responsibilities
- Plan, Do, Check, Act

### Define:

- Stakeholder Analysis
- Voice of the Customer
- Process Input and Outputs
- Project Charter
- Communication Plan / Project Planning
- Project Management
- Communication Methods
- Phase Review

### Measure:

- Quality Tools
- Basic Statistics
- Data Collection Plans
- Qualitative & Quantitative Data
- Data Collection Techniques
- MSA terms
- Gauge R & R

### Analyze:

- Lean Tools
- FMEA
- Root Cause
- Data Analysis
- Common / Special Cause
- Correlation & Regression
- Hypothesis Testing

### Improve & Control:

- Decision Making Tools
- Kaizen & Kaizen Blitz
- Cost - Benefit Ratio
- Control Plans
- Control Charts
- Document Control

**Dates:** TBD

**Time:** 8:00 am - 4:30 pm

Continental breakfast and lunch will be provided

**For more information, contact us at [info@nepirc.com](mailto:info@nepirc.com)**