



MAINTENANCE MANAGEMENT TRAINING

Lean Six Sigma Green Belt

10 day course

Classroom, online or in-house

Course overview

A green belt runs improvement projects inside their own function while doing the day job, which makes project selection and scope discipline more important than statistical depth. This course is built around that reality. Delegates work through the improvement cycle from defining a problem worth solving, through measuring a process as it actually runs, to analysing where variation comes from. Measurement system analysis is covered, since a project built on unreliable data proves nothing. Process mapping, waste identification and root cause analysis follow. Improvement selection, piloting and control planning are addressed, including the handover that keeps a gain after the project closes. The course closes on presenting results honestly, including projects that did not deliver what was hoped.

What you will learn

- Select and scope a project that can be finished alongside the day job
- Define a problem in terms of a measurable gap
- Measure a process as it actually runs, and validate the measurement system
- Analyse variation and identify root causes with data
- Select, pilot and verify an improvement
- Build a control plan and hand it to the process owner
- Present results honestly, including a project that underdelivered

Who should attend

- Improvement and quality practitioners
- Supervisors and engineers running improvement projects
- Operations and production staff
- Process owners sponsoring improvement work
- Anyone who has completed a yellow belt and wants to lead projects

Course outline

- 01 Improvement alongside the day job
- 02 Project selection and scoping
- 03 Defining a measurable gap
- 04 Measuring the process as it runs
- 05 Measurement system analysis
- 06 Analysing variation and root causes
- 07 Improvement selection and piloting
- 08 Control plans, handover and honest reporting

Upcoming dates

Dates	Venue	Format	Fee per delegate
9 to 20 November 2026	Online	Online	R13,500
14 to 25 December 2026	Cape Town, South Africa	Classroom	R32,450
25 January to 5 February 2027	Durban, South Africa	Classroom	R32,450



Fees and how to register

This 10 day course is **R13,500** per delegate online, **R32,450** in the classroom in South Africa, Botswana, Namibia, Lesotho and Eswatini, and **USD 2,150** in the classroom elsewhere in Africa. In-house training is quotation on request. Book 2 or more delegates on this course and save 10%.

To register or request an in-house proposal, visit www.afrisciencegroup.com, email info@afri-science.co.za, or WhatsApp us on **+27 63 479 1136**.

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