

# 6 SIGMA TRAINING PRODUCING REMARKABLE INDUSTRY RESULTS

**The AIDC EC's Six Sigma team has trained over 65 people in Lean Six Sigma at Green Belt level this year ..... and the results on company performance have been remarkable.**

This is partly as a result of AIDC EC engineers who assist and consult with trained clients in the implementation of Six Sigma techniques on the actual shopfloor.

Project Manager Thandile Samela cites many successful case studies:

One client was losing on average over R500K per annum on material variance. Following training and the implementation of a Six Sigma project this was reduced by more than 80%. Production losses for one product at another client was reduced by 50% and a further client has projected an annual saving of R180 000 as a result of a Six Sigma project, managed by us.

All these projects were signed off by managers of these companies to confirm the numbers.

Until the AIDC EC made available certified Six Sigma training in the Eastern Cape, manufacturing based companies seeking to employ the business management strategy, had to acquire training from certified trainers outside of the Eastern Cape.

Training and advanced Six Sigma interventions provided at subsidised rates to industry is seen as a key strategy by the Eastern Cape Province to build the competitiveness of local industry.

The AIDC comprises a team of technical experts, established by the Province of the Eastern Cape to build the region's manufacturing sector.

Several years ago the AIDC embarked on a drive to push for accredited Six Sigma certifications for their team. This investment, attached to almost a decade of experience and industry case studies, has raised the level of assistance available to manufacturers.

The term Six Sigma originated from terminology associated with statistical modeling of manufacturing processes. The maturity of a manufacturing process can be described by a sigma rating indicating its yield, or the percentage of defect-free products it creates.

A six sigma process is one in which 99.99966% of the products manufactured are statistically expected to be free of defects (3.4 defects per million).



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