

# Manufacturing Awareness Limited Case Study – Workplace Improvement

**Client** Automotive Components Manufacturer (NW)

**Problem** Production Cell had been established several years.  
Productivity was 'low'.  
Demand was increasing rapidly.  
Additional capacity was required.

**Strategy**

1. Improve housekeeping (5Ss)
2. Address some set up issues (SMED)
3. Kaizen Blitz to address layout.

**Timing**

1. Housekeeping – 4 weeks then ongoing
2. SMED - 2 weeks
3. Kaizen Blitz – 7 days

## Results

	Original	Target	Actual	% Change
Work in Progress (parts)	7230	1450	150	98%
Productivity (parts/man/hour)	6.4	8.5	10.7	67%
Floor area (m <sup>2</sup> )	172	138	155	10%
Total manning (per shift)	5	3	3	40%

**Financials** One time saving of US\$ 45 000 in inventory  
Annual savings of US\$ 170 000

