









Survey Report (Sample)

Analysis of quality inspection method and process for multiple manufacturing shops of a leading gear exporter

 Shop	 Equip/cell or product	 Problem observed	 Pains noticed	 Probable impact	 Suggestion	 Comment	 Client
Shop 1	DOB measurement	DOB fixtures are found to be relatively old and unreliable	Excess manpower; Time waste and delays to find DOB fixture in good working condition; Repeatability is an issue	May result in customer complaint anytime	Replace the old DOB fixtures	Approx. 50 OLD DOB fixtures on shopfloor;	Keen to consider new fixtures
Shop 2	Tooth honing cell	PCD runout at tooth honing machines	The Fr measurement is tedious and hence could be done infrequently	Breakage of wheel used for tooth honing - costing approx 70,000/-	Fit CNCtize MRT and assess FAST Fr for 100% gears before tooth honing	PCD r/o measurement solution is required at 4 honing m/c & 3 grinding m/cs;	CalibroMeasure sharing concept and solution demonstration in next week