

QCDS&R

QCD 1 Not Right First Time	Value	12 M Target	Actual
<i>Quantity of Defective Units /</i>			
<i>Total Quantity of Units Supplied x 10⁶</i>			
<i>NRFT Parts Per Million =</i>			
QCD 2 People Productivity			
<i>Number of Units Made /</i>			
<i>Number of Direct Operator Hours</i>			
<i>People Productivity =</i>			
QCD 3 Stock Turns			
<i>Sales Turnover of Product £ /</i>			
£ <i>Value of Raw Material +</i>			
£ <i>WIP +</i>			
£ <i>Finished Goods</i>			
<i>Stock Turns =</i>			
QCD 4 Delivery Schedule Achievement			
<i>No. of Planned Deliveries -</i>			
<i>(No. of Late Deliveries +</i>			
<i>No. of Part Deliveries) /</i>			
<i>No. of Planned Deliveries x 100</i>			
<i>Delivery Schedule Achievement =</i>			
QCD 5 Overall Equipment Effectiveness			
<i>Availability % % x</i>			
(Availability = The Up time of the process as a % of the Total available time) (Up time is the Total Available production Time – Unplanned Downtime)			
<i>Productivity % % x</i>			
(Productivity = The real production rate compared to the optimal rate)			
<i>Quality % % x 100 / 10⁶</i>			
(Quality Rate = The Ratio of Good Parts to the Total number of parts produced)			
<i>Overall Equipment Effectiveness =</i>			

QCD 6 Value Added per Person	Value	12M Target	Actual
<i>Output</i> £ - (Output Value = Value of the unit after production)			
<i>Input Value</i> £ / (Input Value = is defined as the value of raw material of the unit before production)			
<i>Number of Employees</i> (Direct Employees = are those employees without which the production process cannot operate)			
<i>Value Added per Person</i> =			
QCD 7 Floor Space Utilisation			
<i>Turnover of Model Area</i> £ /			
<i>Square Metres of Model Area</i>			
<i>Floor Space Utilisation</i> =			
QCD 8 Safety			
<i>Number of Reported Accidents P.A.</i> /			
<i>Number of Employees x100</i>			
<i>Current Safety % Rating</i> =			
QCD 9 ROCE			
<i>Pre tax Profit / (Shareholder Funds + Long Term Loans + Other Liabilities) x 100</i>			
<i>Return on Capital Employed</i> =			