Gauge Repeatablity and Reproducibility Data Sheet

	Gauge Name		Appraiser A	
Part Name				
	Gauge Type		Appraiser C	
		Parts		Date Performed

APPRAISER/ TRIAL #	1	2	3	4	5	6	7	8	9	10	
1.											
2,											
3,											
											x_a=
											r_a=
1.											
2,											
3,											
											x_b=
											r_b=
1.											
2,											
3,											
											x_c=
											r_c=
											X= R_p=
											R=
											x_{DIFF}=
* $UCL_R = R \times D_4$ =											UCL_R=

Notes: _____

Gauge Repeatability and Reproducibility Report

Part Number	gauge Name		Appraiser A	
Part Name				
	gauge Type		Appraiser C	
		Parts		Date Performed

				% Total Variation (TV)	
	Trials	K1	% EV	=	
	2	0,8865		=	
	3	0,5907		=	
			% AV	=	100 (AV/TV)
				=	
				=	
	Appraisers	2	3		
n = parts r = trials	K_2	0,7087	0,5236		
			% GRR	=	
	Parts	K_3		=	
	2			=	
	3				
	4				
	5		% PV	=	
	6			=	
	7			=	
	8				
	9		ndc	=	1.41(PV/GRR)
	10			=	
				=	