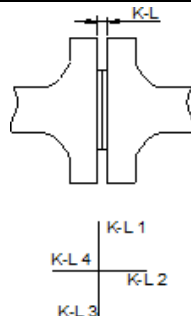


Flange protocol form

Flange protocol				
Name				
Date of birth				
Place of birth				
1 General information	Device		Plant	
	Equipment		Flange label	
	Pipeline		Flange Size	
	Protocol		Pressure rating	
	Description:			
2 Preparation	Stress on flanges	Yes/No		
	Bolts cleaned/new	Clean/New	Bolts greased	Yes/No
	Nut mating surface greased	Yes/No	New seal present	Yes/No
	Description:			
3 The flange joint	Bolt size		Characteristics visible	Yes/No
	Bolt material		Number of bolts	
	Nut material		Seal type	
	Elongation of bolts within tolerances		...%	
	Flange parallelism measurement (mm)			
	Prior to tightening	Size	After tightening	Size
	K1		L1	
	K2		L2	
	K3		L3	
	K4		L4	
	Parallelism determination (mm)			
	Prior to tightening	Size	After tightening	Size
	K1-K3		L1-L3	
K2-K4		L2-L4		
Tolerances	≤...mm"			



The diagram shows a cross-section of a flange joint with four measurement points labeled K-L 1, K-L 2, K-L 3, and K-L 4. K-L 1 is at the top, K-L 2 is on the right, K-L 3 is at the bottom, and K-L 4 is on the left. A dimension line labeled K-L is shown at the top, indicating the measurement of parallelism.

	Deviation 'AFTER' bolt tensioning within tolerance?		Yes/No
	Break loose pressure (only for Tensioning)		
	Description:		
4 Applying bolt tension	Tightening Torque		Torque pressure
	Hydraulic cylinder pressure A		
	Hydraulic cylinder pressure B		
	Description:		
5 Approved	Initials of flange fitter:		Date: