Calculate your pressure and discharge variation

Emitter	Pressures (kPa)	Discharge (L/hr) Volume (mL in 36 sec × 100) and convert to litres
1		
2		
3		
4		
5		
6		
7		
8		
9		
Firstly add up all the pressures and discharge	Total pressure =	Total discharge =
To calculate the average pressure and discharge rate divide the totals by the number of emitters measured	$\text{Average} = \dfrac{\text{.......Total pressure}}{\text{........ (No. of emitters)}} = \text{......kPa}$	$\text{Average} = \dfrac{\text{.......Total discharge}}{\text{........ (No. of emitters)}} = \text{......L/hr}$
To calculate the Midpoint, select and add together the Maximum and Minimum and divide the result by two.	$\text{Midpoint} = \dfrac{\text{...........Max} + \text{........Min}}{2} = \text{..........}$	$\text{Midpoint} = \dfrac{\text{...........Max} + \text{........Min}}{2} = \text{..........}$
To calculate variation subtract the Minimum from the Midpoint, divide this by the Midpoint and multiply by one hundred to get a Percentage.	$\text{Variation} = \dfrac{(\text{.......Mid} - \text{......Min}) \times 100}{\text{........Mid}} = \pm \text{.........\%}$ **Acceptable is < ± 10%**	$\text{Variation} = \dfrac{(\text{.......Mid} - \text{......Min}) \times 100}{\text{........Mid}} = \pm \text{.........\%}$ **Acceptable is < ± 5%**