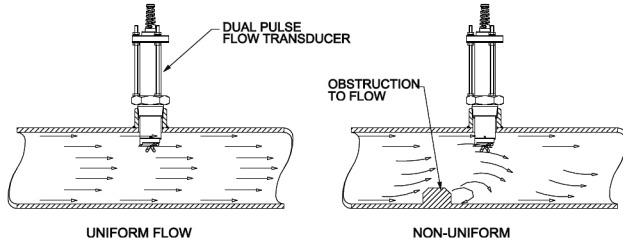
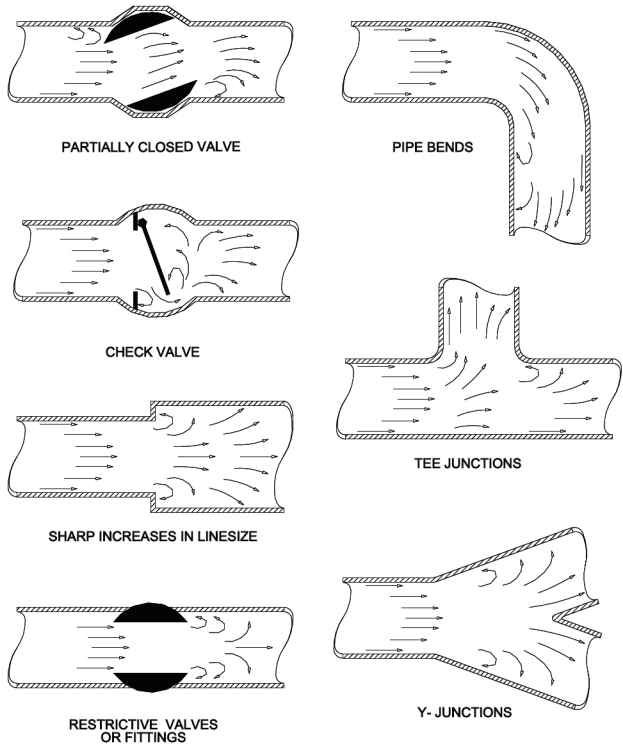


## 1. GENERAL

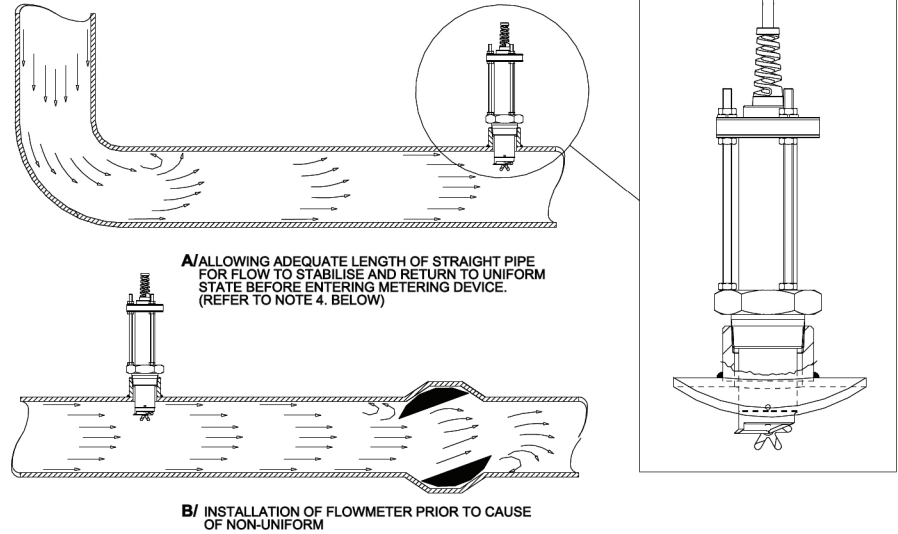
IDEALLY FLOW MUST BE UNIFORM AT THE POINT WHERE THE FLOWMETER IS INSTALLED OTHERWISE AN INACCURATE READING WILL RESULT



## 2. COMMON CAUSES OF NON-UNIFORM FLOW



## 3. PRECAUTIONS FOR AVOIDING NON-UNIFORM FLOW



## 4. RECOMMENDED LENGTHS OF STRAIGHT PIPE FOR TYPICAL CASES

DEPENDING ON THE MAGNITUDE OF THE DISRUPTION TO FLOW RECOMENDATIONS ARE AS FOLLOWS:  
 A/ VALVES AND FILTERS: MINIMUM OF 10 DIAMETERS OF STRAIGHT PIPE PRIOR TO FLOWMETER  
 B/ ELBOWS: MINIMUM OF 6 DIAMETERS OF STRAIGHT PIPE PRIOR TO FLOWMETER  
 C/ INCREASES IN LINE SIZE: 4 - 8 DIAMETERS OF STRAIGHT PIPE DEPENDING ON INCREASE OF LINE SIZE  
 D/ CONCENTRIC DECREASES IN LINE SIZE: MINIMUM 4 DIAMETERS OF STRAIGHT PIPE PRIOR TO FLOWMETER (AS SHOWN IN 5. BELOW)

## 5. RECOMMENDED SOLUTIONS FOR RESTRICTED CASES

