

A.	<ul style="list-style-type: none"> - Calibrate the inlet orifice, using Pitot-static tube, in the case of an elbow without any built in element - Measure the volume flow rate and the pressure distributions along the walls in the following cases: <ul style="list-style-type: none"> • reference: elbow without any built in element • 1st: inner corner is curved, outer corner is rectangular • 2nd: inner corner is rectangular, outer corner is curved • 3rd: inner corner is curved, outer corner is curved - Evaluate the measurement data with the help of the guideline - Estimate the uncertainty for all the cases
B.	<ul style="list-style-type: none"> - Calibrate the inlet orifice, using Pitot-static tube, in the case of an elbow without any built in element - Measure the volume flow rate and the pressure distributions along the walls in the following cases: <ul style="list-style-type: none"> • reference: elbow without any built in element • 1st: inner corner is rectangular, outer corner is rectangular, L-shaped profile 50 mm from the inner corner in upstream direction • 2nd: inner corner is rectangular, outer corner is rectangular, L-shaped profile 60 mm from the inner corner in upstream direction • 3rd: inner corner is rectangular, outer corner is rectangular, L-shaped profile 70 mm from the inner corner in upstream direction - Evaluate the measurement data with the help of the guideline - Estimate the uncertainty for all the cases
C.	<ul style="list-style-type: none"> - Calibrate the inlet orifice, using Pitot-static tube, in the case of an elbow without any built in element - Measure the volume flow rate and the pressure distributions along the walls in the following cases: <ul style="list-style-type: none"> • reference: elbow without any built in element • 1st: inner corner is curved, outer corner is rectangular • 2nd: inner corner is rectangular, outer corner is rectangular, L-shaped profile 70 mm from the inner corner in upstream direction • 3rd: inner corner is chamfered, outer corner is rectangular - Evaluate the measurement data with the help of the guideline - Estimate the uncertainty for all the cases

D.	<ul style="list-style-type: none"> - Calibrate the inlet orifice, using Pitot-static tube, in the case of an elbow without any built in element - Measure the volume flow rate and the pressure distributions along the walls in the following cases: <ul style="list-style-type: none"> • reference: elbow without any built in element • 1st: inner corner is curved, outer corner is rectangular • 2nd: inner corner is rectangular, outer corner is curved, deflector at middle radius • 3rd: inner corner is curved, outer corner is curved, deflector at middle radius - Evaluate the measurement data with the help of the guideline - Estimate the uncertainty for all the cases
E.	<ul style="list-style-type: none"> - Calibrate the inlet orifice, using Pitot-static tube, in the case of an elbow without any built in element - Measure the volume flow rate and the pressure distributions along the walls in the following cases: <ul style="list-style-type: none"> • reference: elbow without any built in element • 1st: inner corner is curved, outer corner is rectangular • 2nd: inner corner is curved, outer corner is curved • 3rd: inner corner is curved, outer corner is curved, deflector at middle radius - Evaluate the measurement data with the help of the guideline - Estimate the uncertainty for all the cases
F.	<ul style="list-style-type: none"> - Calibrate the inlet orifice, using Pitot-static tube, in the case of an elbow without any built in element - Measure the volume flow rate and the pressure distributions along the walls in the following cases: <ul style="list-style-type: none"> • reference inner corner is rectangular, outer corner is curved • 1st: inner corner is rectangular, outer corner is curved, deflector at middle radius • 2nd: inner corner is rectangular, outer corner is curved, L-shaped profile 70 mm from the inner corner in upstream direction • 3rd: inner corner is curved, outer corner is curved - Evaluate the measurement data with the help of the guideline - Estimate the uncertainty for all the cases