



And

SIEMENS

Ingenuity for life

VOLUME STRAPPING SPIRIT TANKS FOR REVENUE

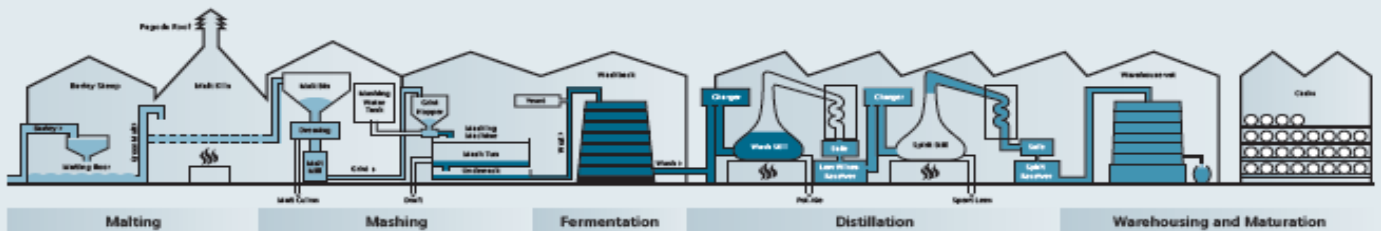
WHAT IS A VOLUME STRAPPING CHART

A volume strapping chart tells you the volume of liquid in a vessel at a specific level. The standard procedure within the industry is to use a sight glass so Revenue can physically see the level in the vessel.

Insteco can supply and fit custom length graduated steel rules to your sight glass and volume strap your vessel using our calibrated flow rig. We will then produce a volume strapping chart which will allow you to reference a volume every 2mm.



Your Distillery		VAT No.2				
Your Address		0mm	2mm	4mm	6mm	8mm
0 cm						
1 cm						
2 cm						
3 cm						
4 cm						
5 cm					25	27
6 cm	29	30	32	34	36	
7 cm	37	39	41	43	45	
8 cm	46	48	50	53	56	
9 cm	59	63	66	69	72	
10 cm	75	78	82	85	88	
11 cm	91	94	97	101	104	
12 cm	107	110	114	119	123	
13 cm	127	131	136	140	144	
14 cm	149	153	157	161	166	
15 cm	170	174	178	183	187	
16 cm	191	196	200	206	213	
17 cm	219	225	231	238	244	
18 cm	250	256	263	269	275	
19 cm	281	288	294	300	308	
20 cm	315	323	331	338	346	
21 cm	354	362	369	377	385	
22 cm	392	400	409	417	426	
23 cm	434	443	452	460	469	
24 cm	478	486	495	503	512	





And

SIEMENS

Ingenuity for life

ALCOHOL BY VOLUME IN-LINE MEASUREMENT

ABV MEASUREMENT

There is a fundamental requirement to measure the quantity of alcohol in the spirit as it exits the still and continues through the distillery process to finished product.

The Siemens Coriolis Meter has 3 primary measurements; mass flow, density and temperature. The instantaneous density and temperature measurements are entered in a “fraction” formula that continuously calculates reliable %ABV, directly at the point of measurement. Values are indicated locally and transmitted as analogue and digital outputs.

This flow meter can be set up to give an output in litres of the pure alcohol component of the flow.

The measurement is used to complement the skills of still & safe operators, blenders and distillery managers.





And

SIEMENS

Insenuity for life

FLOW METER CALIBRATIONS



FLOW METER CALIBRATIONS

Insteco can offer a complete range of flow calibrations on any type of flow meter. Along with our flow rig we have a certified clamp-on ultrasonic flow meter for non-intrusive calibrations on any size of pipe. We can also carry out non-intrusive mag flow verification using our mag flow verifcator.



Setting the standard with measuring systems

Process instrumentation, process analytics,
weighing technology – Your One-Stop Shop for the
Irish Distilling Industry



Insteco Limited
Coach House, Slane,
Co. Meath, Ireland
Tel +353 41 988 4288
www.insteco.com

Gary Rock 087 223 0927

Bernard Rogers 087 799 2076