



To: All users of TV&C-Prophetstown products – Penberthy / Yarway brand names
From: Gary G. Sanders, Director of Engineering
Re: PenTech FAQ's

There are occasions when certain general technological questions are asked from multiple sources. When this occurs, I will be writing a PenTech FAQ concerning that subject. The name is short for Penberthy Technical FAQ (FAQ is an acronym for *Frequently Asked Questions*).

I will attempt to write these with a minimum of engineering bias, buzz-words and jargon. Certain subjects allow this easily; others must, by the nature of the subject, become more technical. Hopefully, all, most or at least some part of all FAQ's will be useful to everyone.

Fine Print: The subjects will be addressed in a non-rigorous manner - this means the discussion will be "the truth . . . but not necessarily the whole truth . . . and nothing but the truth". The whole truth involves examining minutiae in detail, all contingencies, etc. These FAQ's will be presented as a user's tool, not as a scientific discourse.

There will be no fixed release schedule, FAQ's will be written on an as perceived need basis. There also will be no particular order to them nor will they be issued by product category, just sequentially as the subject matter presents itself.

From the introduction to this letter, it should be evident that the subject source(s) will come from you; the user, the specifier, the customer, the installer, the maintenance personnel, the representative, the distributor, etc. Without your continuing questions, there will be no more Pen Tech FAQ's. So - if you have a technical subject or issue that just doesn't seem to make sense, seems arbitrary or is just 'bugging' you - feel free to send it to me. E-mail @ above address is preferred but use fax, snail mail or phone (probably voice mail) as alternatives.

On Penberthy's web site, you may 'hot key' from any of the FAQ's to relevant product information.

FAQ's subject list and date of publication:

#1 The requirement for re-torquing glass liquid level gages	16 Aug 99
#2 Materials used around and in Magnetic Level Gages	18 Aug 99
#3 Refurbishing Glass Liquid Level Gages	26 Aug 99
#4 Recessed vs. Plane Gage Glass chambers	07 Sep 99
#5 An intuitive approach to jet pumps/eductors	15 Sep 99
#6 NACE Requirements	19 Nov 99 rev A 17 Dec 04
#7 Linings / Coatings	15 Feb 00
#8 Case for Belleville Washers	15 Mar 00
#9 Basis for Capacitance Level Measurement	14 Jul 00
#10 Shielding Glass	31 Jan 01 rev A 20 Aug 02
#11 Ball Checks	15 Aug 02
#12 Failsafe, Pump Control and other Instrumentation Logic	29 Oct 04
#13 Dynamic Liquid Level Gauging	21 Dec 05