
TECHNICAL BULLETIN

ANALYZER CALIBRATION GAS LINES

THE PRESENT TECHNICAL BULLETIN CONTAINS TECHNICAL INFORMATION AIMED TO SUPPORT/IMPROVE DRASS EQUIPMENT CURRENTLY IN OPERATION.

YOU ARE KINDLY REQUESTED TO:

- COMMUNICATE IF THIS DOCUMENT AND THOSE FOLLOWING SHOULD BE SENT TO DIFFERENT E-MAIL ADDRESSES.
- CONTACT DRASS FOR ANY CLARIFICATION NEEDED.
- INVOLVE DRASS FOR IMPLEMENTATION OF ANY SUGGESTED MODIFICATIONS.
- ALWAYS INFORM DRASS OF ANY MODIFICATION TO DRASS EQUIPMENT IN ORDER TO VERIFY SAFETY, ALLOW TRACEABILITY AND LIFE CYCLE SUPPORT.

PLEASE NOTE THAT TECHNICAL BULLETINS WILL BE AVAILABLE AT WWW.DRASS.IT FOR PERMANENT CONSULTATION.

CALIBRATION GAS DISTRIBUTION LINES

DRASS HAS STUDIED AND DEVELOPED AN EASY AND SAFE SYSTEM FOR THE CALIBRATION OF ANALYZERS.

THIS IMPROVEMENT INCREASES THE SAFETY OF TECHNICAL PERSONNEL RESPONSIBLE FOR CALIBRATION BECAUSE PORTABLE SAMPLE BOTTLES ARE

NOT REQUIRED AND THE RISK OF USING A NON-CERTIFIED/WRONG CALIBRATION GAS IS REDUCED.

THE SYSTEM IS COMPOSED OF THREE (3) LOW PRESSURE DISTRIBUTED GAS LINES AND A SET OF QUICK CONNECTORS AND VALVES TO ADD FOR EACH PANEL.

THE LINES ARE USED TO CARRY THREE GASES TO EACH PANEL ORIGINATING FROM A DEDICATED AREA WHERE CERTIFIED BOTTLE ARE INSTALLED.

TYPICAL CALIBRATION GASES ARE:

- ZERO = 100% INERT GAS
- SPAN 1 = O₂ AA % ; CO₂ WW PPM; INERT GAS
- SPAN 2 = O₂ BB % ; CO₂ XX PPM; INERT GAS

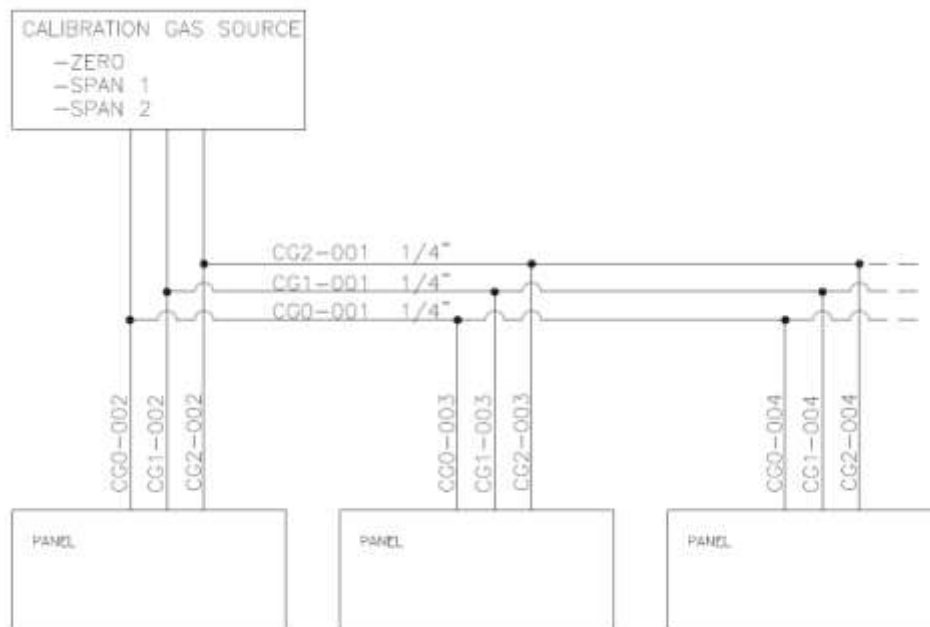


FIGURE 1: EXAMPLES OF GAS DISTRIBUTION

TO INSTALL THE PIPING, IT COULD BE NECESSARY TO REMOVE FALSE CEILING AND MAKE NEW BULKHEAD.

IN CASE OF ACCEPTANCE OF THE PROPOSAL, A LIST OF THE PANELS TO BE MODIFIED SHOULD BE SEND TO CLAUDIA.RAMIREZ@DRASS.IT, SALES@DRASS.IT, TO DEFINE THE PROPER MODIFICATION KIT AND PROVIDE A QUOTE.