Technical Query

DATE RAISED:		DATE RESPONSE REQU'D:	
SUBJECT:	Instrumentation Tag Numbering Method		
ORIGINATOR:		**DISCIPLINE:**	Control Systems
PLANT:		**SYSTEM:**	All Systems
ISSUE TO:			

QUERY DETAILS:

The following instrumentation numbering method is proposed:

AAAA-BBBB-XXXX-YYYYZ

Where:

AAAA = Unit Number (example, 0100)

BBBB = Sequential Equipment Number (example, 0001)

XXXX = Device Type per Standard OST-36-27-77 (example, PIT)

YYYY = Sequential Instrument Loop Number. To begin at 1001 (example 1001)

Z = Character Suffix (used if there are more than one type of device on vessel or pipe – for example, multiple flow switches on the reactor demineralized water might be FISL-1005A, 1005B, etc.)

Using this method, the pressure transmitter on the demineralized water to the Deposition Reactor (equipment number: 0100-0001) might have the tag number: 0100-0001-PIT-1001.

This method associates the instrument with the equipment and provides unique numbers for the instrument devices.

This method also allows the use of the instruments in the same service, such as the demineralized water pressure transmitter, to have the same tag number except for the Sequential Equipment number. Using the example above, the demineralized water pressure transmitter for Deposition Reactor 0100-0002 would have tag number: 0100-0002-PIT-1001.

This method will minimize errors in the control system programming effort and the instrumentation database and specification effort.

COMPANY RESPONSE DETAILS:

RESPONSE BY:		DATE OF RESPONSE:	