



KEYED NOTES:

- 1 MINIMIZE THE USE OF FITTINGS. BEND TUBING WHERE POSSIBLE.
- 2 LABEL EACH MAGNEHELIC GAGE TO CORRESPOND TO FILTER TYPE/STAGE.
- 3 PROVIDE GAGES WITH THE FOLLOWING RANGES (INCHES W.C.);

| | |
|---------------------------------------|-----|
| FIRE SCREEN | 0-2 |
| MOISTURE SEPARATOR | 0-3 |
| PREFILTER | 0-2 |
| HEPA FILTER | 0-5 |
| CHEMICAL ADSORBER (8X6 MESH CARBON) | 0-3 |
| CHEMICAL ADSORBER (12X30 MESH CARBON) | 0-5 |
- 4 PROVIDE WEATHERPROOF BOX(ES), NEMA-4, (HOFFMAN, ETC.) WITH A HINGED COVER FOR OUTDOOR INSTALLATIONS.
- 5 USE SWAGLOK FITTINGS.

DRAWING DEVELOPED FOR ML-3/ML-4 PROJECTS. FOR ML-1/ML-2, ADDITIONAL REQUIREMENTS AND QA REVIEWS ARE REQUIRED. (REMOVE THIS NOTE WHEN INSERTED INTO A DRAWING PACKAGE).

AIR FILTER PRESSURE DROP GAGE DETAIL

SCALE: NONE

NOTES FOR DESIGNER: (DO NOT INCLUDE ON CONSTRUCTION DRAWINGS)

1. WHEN EDITING DETAIL TO SUIT PROJECT, ADD JOB SPECIFIC REQUIREMENTS AND DELETE ONLY THOSE PORTIONS THAT DO NOT APPLY. TO SEEK A VARIANCE FROM APPLICABLE REQUIREMENTS, CONTACT THE ESM MECHANICAL POC.
2. VALVES ALLOW GAGE TO BE EASILY TESTED.
3. USE STAINLESS STEEL TUBING AND FITTINGS FOR NUCLEAR, RADIOLOGICAL, OR VERY CORROSIVE EXHAUST STREAMS. THE "B" IN THE SWAGELOK AND NUPRO PART NUMBERS CHANGE TO "SS."

| 3 | 5-27-09 | U | | REVISED DESIGNER NOTES & KEYED NOTE | JH | SS | FB | CD | TO | |
|----|---------|-------|-----|--|-------------|-----|------|------|-----|-----|
| 2 | 8-13-03 | U | | REVISED DESIGNER NOTES & KEYED NOTE 3 & 4. DWG NO. WAS ST6705. | RP | AY | JM | GG | TO | |
| 1 | 5-16-01 | U | | REVISED TO COMPLY WITH DRAFTING MANUAL. | RP | MB | KB | TO | TO | |
| NO | DATE | CLASS | REV | ADC | DESCRIPTION | DWN | DSGN | CHKD | SUB | APP |

ENGINEERING STANDARDS PROGRAM

ENGINEERING STANDARDS MANUAL

| | |
|---------|-----------|
| DRAWN | R.PEARSON |
| DESIGN | M.BURNETT |
| CHECKED | K.BECKMAN |
| DATE | 6-28-99 |

AIR FILTER PRESSURE DROP GAGE DETAIL

BLDG X SUBMITTED TA-X APPROVED FOR RELEASE DATE 6-28-99

DISCIPLINE POC: GURINDER GREWAL STANDARDS MANAGER: TOBIN ORUCH

SHEET 1 OF 1

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CLASSIFICATION: U REVIEWER: LARRY BAYS DATE: PROJECT ID DRAWING NO: CHAPTER 6 ST-D3040-5 REV 3