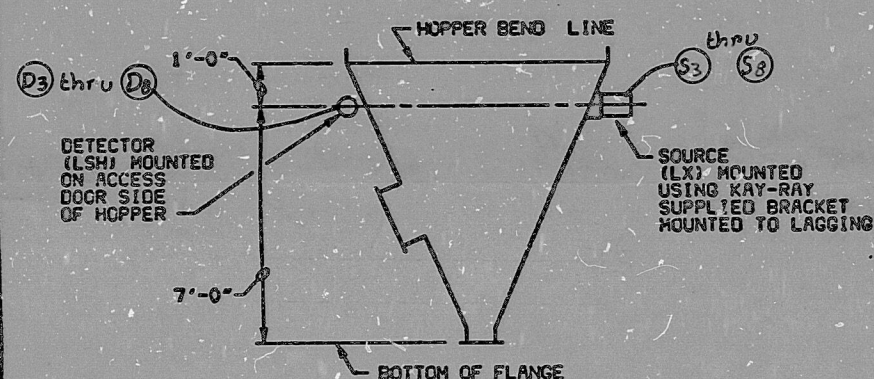


FABRIC FILTER PLAN



FABRIC FILTER ELEVATION

INSTRUMENT TAG NUMBER	LOCATION DRAWING	DESCRIPTION
1-LX/LSH-203A	3391-600-150-8	FABRIC FILTER HOPPER 1A HIGH LEVEL SWITCH
1-LX/LSH-203B	3391-600-150-8	FABRIC FILTER HOPPER 1B HIGH LEVEL SWITCH
1-LX/LSH-203C	3391-600-150-8	FABRIC FILTER HOPPER 1C HIGH LEVEL SWITCH
2-LX/LSH-203A	3391-600-150-8	FABRIC FILTER HOPPER 2A HIGH LEVEL SWITCH
2-LX/LSH-203B	3391-600-150-8	FABRIC FILTER HOPPER 2B HIGH LEVEL SWITCH
2-LX/LSH-203C	3391-600-150-8	FABRIC FILTER HOPPER 2C HIGH LEVEL SWITCH

GENERAL NOTES:

B&V 12038.62.0202.03-10204

INSTALLATION OF THE GAMMA SOURCE HEAD PORTION OF THE MEASUREMENT SYSTEM WILL NOT SUBJECT PERSONNEL TO EXCESS RADIATION EXPOSURE. THE SOURCE HEAD IS SHIPPED FROM THE FACTORY WITH THE SHUTTER MECHANISM LOCKED IN THE "STORE" OR CLOSED POSITION. THIS LOCK SHOULD BE REMOVED ONLY UPON COMPLETION OF INSTALLATION. IN MOST CASES THE CUSTOMER IS NOT LICENSED TO INSTALL, TRANSPORT, MAINTAIN OR OTHERWISE HANDLE THE GAMMA SOURCE HOUSING. THIS UNIT SHOULD REMAIN IN THE SHIPPING CONTAINER UNTIL PROPERLY AUTHORIZED PERSONNEL ARE PRESENT TO SUPERVISE INSTALLATION. ALL OTHER SYSTEM COMPONENTS INCLUDING THE SOURCE MOUNTING BRACKET, SHOULD BE MOUNTED PRIOR TO FINAL INSTALLATION AND START-UP.

TO ASSURE SAFE OPERATION AND TO MEET GOVERNMENTAL REQUIREMENTS, THE SOURCE INSTALLATION MUST BE PREPLANNED ACCORDING TO THE RECOMMENDATIONS OF THE SUPPLIER. AT THE TIME OF ACTUAL INSTALLATION, EITHER THE SUPPLIER OR OTHER PROPERLY LICENSED PERSONNEL ARE REQUIRED TO BE IN ATTENDANCE TO VERIFY THE SAFETY OF THE SYSTEM.

THE SOURCE HOUSING IS MOUNTED ON THE HOPPER WALL OPPOSITE THE DETECTOR. THE UNIT IS SHIPPED WITH THE SHUTTER HANDLE LOCKED IN THE "STORE" OR CLOSED POSITION AND THE LOCK SHOULD NOT BE REMOVED UNTIL THE SYSTEM IS COMPLETELY INSTALLED AND READY FOR OPERATION. CARE SHOULD BE TAKEN, WHEN MOUNTING THE SOURCE HOUSING, TO INSURE THAT THE RADIATION BEAM IS PROPERLY ORIENTATED AND THE ACCESS TO THE SHUTTER HANDLE IS NOT RESTRICTED. THE SOURCE HOUSING WILL BE MOUNTED SO THAT THE CENTERLINE OF THE UNIT IS AT THE POINT WHERE LEVEL SWITCHING IS DESIRED.

THE DETECTOR UNIT IS MOUNTED OPPOSITE THE SOURCE HOUSING THROUGH THE DIAMETER OF THE VESSEL. THE SOURCE HOUSING AND THE DETECTOR MUST BE PROPERLY AND ACCURATELY ALIGNED SO THAT THE CENTERLINES OF BOTH UNITS COINCIDE WITH EACH OTHER AND THE DESIRED LEVEL ALARM POINT.

- ☐ EXCEPTIONS NOTED
- ☐ REVISE & RESUBMIT FOR DISTRIBUTION
- ☐ RETURNED FOR CORRECTION

MAY 09 1987

REVIEW DOES NOT RELIEVE CONTRACTOR FROM RESPONSIBILITY FOR ERRORS OR OMISSIONS FROM CONTRACT REQUIREMENTS.

BLACK & VEATCH

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JACKSON COUNTY
RESOURCE RECOVERY FACILITY
JACKSON, MICHIGAN

INSTRUMENT INSTALLATION DETAIL
FABRIC FILTER HOPPER
NUCLEAR LEVEL SWITCH

DWG. NO.

3391-630-050-D

SHEET 1 OF 3

4103 PM
03/25/87
FE4423

REV	DATE	BY	APPL	REV	DATE	BY	APPL	CHECK	LJM	DATE	BY	APPL
0	3-25-87	FTK										

DRAWN FTK 3-23-87 APPROVAL [Signature] 3-21

APERTURE
CAPD

CONTROL 101 828 98

8801060222

PDR RIDS

880 1060 222

