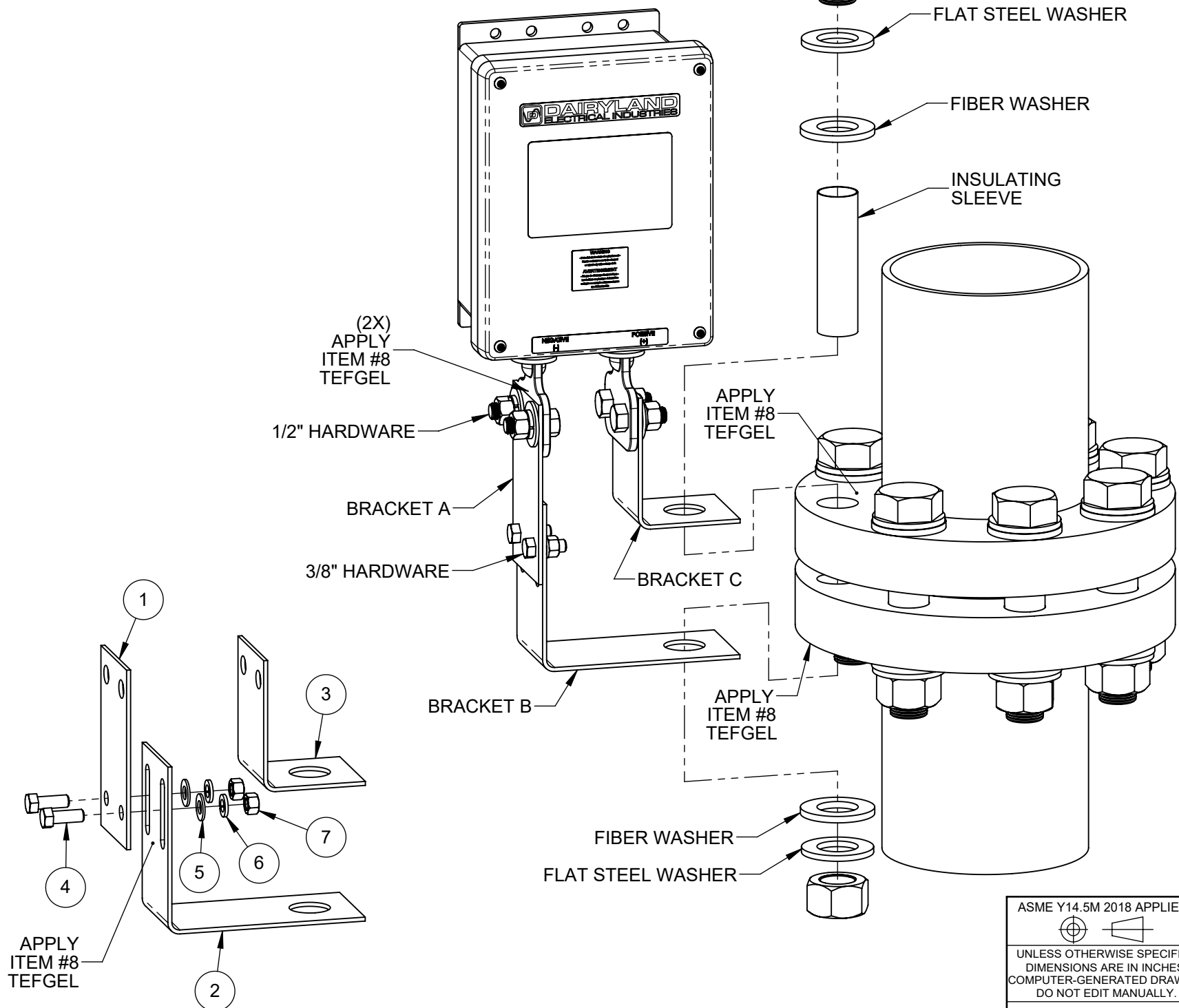


BILL-OF-MATERIAL (BOM) TABLE


LINE NO.	DOCUMENT NUMBER	DESCRIPTION	QTY.
1	-	BRACKET A	1
2	-	BRACKET B	1
3	-	BRACKET C	1
4	1557	SCREW HEX 3/8-16X1"	2
5	1010	WASHER FLAT 3/8	2
6	1055	WASHER SPLIT LOCK 3/8"	2
7	1054	NUT HEX 3/8-16	2
8	3041	TEF-GEL	1



INSTALLATION INSTRUCTIONS FOR HORIZONTAL FLANGE MOUNT KIT:

THE HORIZONTAL FLANGE MOUNT KIT CONSISTS OF (3) NICKEL PLATED COPPER BRACKETS, THE REQUIRED ASSEMBLY HARDWARE AND CORROSION INHIBITOR (TEFGEL) FOR MOUNTING ANY PCR MODEL WITH STANDARD TERMINALS TO AN INSULATED FLANGE OF THE ANSI # CLASS AND PIPE DIAMETER FOR WHICH IT WAS ORDERED.

- IT IS RECOMMENDED THAT A NEW INSULATING SLEEVE BE MADE THAT IS 1/4" LONGER THAN THE SLEEVE PRESENTLY ON THE FLANGE BOLT TO BE USED FOR THE MOUNTING BRACKETS TO ACCOUNT FOR THE 1/8" THICKNESS OF THE MOUNTING BRACKETS B AND C INSTALLED AGAINST EACH FLANGE FACE.
- REMOVE THE NUTS AND WASHERS FROM THE FLANGE BOLT TO BE USED FOR THE MOUNTING KIT. REMOVE THE BOLT AND RETAIN THE INSULATING SLEEVE AND THE WASHERS FROM EACH END FOR REUSE.
- THE INSULATING COATING ON EACH FLANGE FACE MUST BE REMOVED WHERE BRACKETS B AND C WILL BE IN CONTACT WITH THE FLANGE FACE.
- APPLY A THIN COATING OF TEFGEL ON EACH FLANGE FACE WHERE IT WILL BE IN CONTACT WITH BRACKETS B AND C. SEE ILLUSTRATION.
- ON THE FLANGE BOLT USED TO SECURE THE BRACKETS, PLACE A STEEL WASHER, THEN FIBER WASHER ON THE BOLT FOLLOWED BY BRACKET C (IF THE BOLT IS INSERTED FROM THE TOP SIDE) OR BRACKET B (IF INSERTED FROM THE BOTTOM SIDE) FOLLOWED BY THE INSULATING SLEEVE. INSERT THE BOLT ALL THE WAY THROUGH THE FLANGE AND ON THE END OF THE BOLT EXTENDING PAST THE OTHER FLANGE FACE PLACE THE BRACKET NOT USED ABOVE (I.E., B OR C) FOLLOWED BY A FIBER WASHER, STEEL WASHER, AND NUT. HAND TIGHTEN THE NUT SO THE BRACKETS CAN LATER BE ROTATED FOR FINAL ALIGNMENT.
- APPLY TEFGEL TO THE OUTSIDE TOP PART OF BRACKET B WHERE IT WILL BE IN CONTACT WITH BRACKET A. ATTACH BRACKET A TO BRACKET B WITH THE 3/8" HARDWARE PROVIDED, AS ILLUSTRATED, AND HAND-TIGHTEN BOTH NUTS.
- IT IS SUGGESTED TO CHECK THE FLANGE FOR ELECTRICAL ISOLATION AFTER INSTALLATION OF BRACKETS B AND C, PRIOR TO INSTALLING THE PCR. THIS ISOLATION CHECK IS TYPICALLY DONE WITH A RADIO FREQUENCY ISOLATION TESTER DEVICE FROM THE RE-INSTALLED BOLT TO EACH FLANGE. THE PCR SHOULD BE TESTED SEPARATELY PER DAIRYLAND TESTING RECOMMENDATIONS FOUND AT DAIRYLAND.COM.
- REMOVE THE HARDWARE THAT IS FURNISHED IN THE PCR TERMINALS AND APPLY TEFGEL TO THE OUTSIDE FACE OF EACH PCR TERMINAL. INSERT THE OUTER FACE OF THE PCR TERMINALS BETWEEN BRACKETS A AND C AND INSERT 1/2" BOLTS THROUGH EACH BRACKET AND PCR TERMINAL AS ILLUSTRATED. ADD A FLAT WASHER, COMPRESSION WASHER AND NUT TO EACH BOLT AND HAND TIGHTEN.
- ALIGN ALL BRACKETS AS DESIRED AND TIGHTEN ALL NUTS ON ALL BOLTS, INCLUDING THE FLANGE BOLT. CROSS CHECK THAT ALL NUTS HAVE BEEN SECURELY TIGHTENED AND THAT THE FLANGE BOLT NUT HAS BEEN TIGHTENED TO ITS REQUIRED TORQUE VALUE.

ASME Y14.5M 2018 APPLIES UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. COMPUTER-GENERATED DRAWING DO NOT EDIT MANUALLY.	MATERIAL: NA	DRAWN: JPW	DATE DRAWN: 2014-01-29	 DAIRYLAND ELECTRICAL INDUSTRIES, INC. P.O. BOX 187 STOUGHTON, WI 53589 608-877-9900 DAIRYLAND.COM
.XXX = ±.005" .XX = ±.01" .X = ±.03" ANGLES = ±1°	FINISH: NA	DWG APPROVAL: MAD	DATE APPROVAL: 08/23/2023	
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF DAIRYLAND ELECTRICAL INDUSTRIES, INC. ANY REPRODUCTION IN PART OR WHOLE, WITHOUT THE WRITTEN PERMISSION OF DAIRYLAND ELECTRICAL INDUSTRIES, INC. IS PROHIBITED.		TITLE: HORIZONTAL FLANGE MOUNT INSTALLATION INSTRUCTIONS		
SHEET: 1 OF 1		DWG SIZE: B	SCALE: 1:4	REV: C PART #: 100051