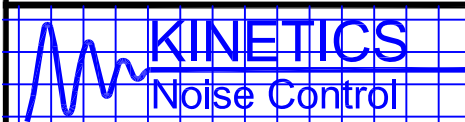


KSMG GENERAL INSTALLATION INSTRUCTIONS

- 1.) ATTACH DUNNAGE STEEL, IF REQUIRED, TO EQUIPMENT.
- 2.) ATTACH LOAD PLATES, IF REQUIRED, TO EQUIPMENT OR DUNNAGE STEEL AS SHOWN IN THE APPROPRIATE SUBMITTAL DRAWING.
- 3.) PLACE THE KIP FIBERGLASS ISOLATORS IN THE PROPER POSITIONS TO SUPPORT THE EQUIPMENT.
- 4.) SET THE EQUIPMENT ON THE KIP ISOLATORS. MAKE SURE THAT THE LOAD PLATES OR THE EQUIPMENT SUPPORT RAILS ARE SITTING FULLY ON ALL OF THE ISOLATORS.
- 5.) BRING THE EQUIPMENT UP TO ITS FULL OPERATING WEIGHT. FILL WITH THE PROPER AMOUNT OF FLUID AND/OR PLACE ALL OF THE ATTACHMENTS AND OPTIONS ON THE EQUIPMENT.
- 6.) LOCATE THE KSMG SEISMIC EQUIPMENT CLIPS ACCORDING TO THE DIMENSIONS SHOWN ON THE SEISMIC CERTIFICATION AND DRAWING S-88.071-1A.
- 7.) PLACE THE 1/4" THICK NEOPRENE WASHER(S) BENEATH THE KSMG TO ISOLATE THE CLIP FROM THE FLOOR, HOUSEKEEPING PAD OR STRUCTURAL STEEL. MAKE SURE THE HOLE(S) IN THE KSMG LINES UP WITH THE HOLE(S) IN THE NEOPRENE WASHER(S).
- 8.) MAKE SURE THE FACE OF THE KSMG, WITH THE TWO SMALLER MOUNTING HOLES, IS TIGHT TO THE EQUIPMENT OR DUNNAGE STEEL.
- 9.) DRILL THE PROPER SIZE CLEARANCE HOLES IN THE EQUIPMENT OR DUNNAGE STEEL FOR THE BOLTS PROVIDED. INSTALL AND TIGHTEN HARDWARE.
- 9A.) FOR THE WELDING OPTION, THE APPROPRIATE WELD SIZE AND LENGTH ARE SHOWN ON THE SUBMITTAL DRAWINGS. THIS WELD ATTACHMENT REPLACES THE TWO UNC BOLTS PROVIDED TO ATTACH THE CLIP TO THE EQUIPMENT OR DUNNAGE STEEL.
- 10.) USING THE LARGER HOLE(S) AS A GUIDE, DRILL THE APPROPRIATE SIZED HOLE(S) IN THE SUPPORT STRUCTURE FOR THE ANCHOR(S). IF ATTACHING TO CONCRETE, THE CONCRETE MUST BE THICK ENOUGH TO HAVE 1.0 INCH OF MATERIAL BELOW THE DRILL POINT AT THE RECOMMENDED EMBEDMENT. SEE ANCHOR CAPACITIES CHART FOR ANCHORS USED BY KINETICS. IF ANCHORING TO A HOUSEKEEPING PAD, IT MUST BE SEISMICALLY RESTRAINED OR A MONOLITHIC POUR.
- 11.) IF ATTACHING TO STRUCTURAL STEEL, INSERT THE TG BOLT ISOLATION GROMMET(S) INTO THE LARGER HOLE(S) IN THE KSMG, LOCATE ISOLATION WASHER(S) AND ASSEMBLE WITH THE HARDWARE PROVIDED BY KINETICS AS SHOWN IN THE SUBMITTAL DRAWINGS.
- 11A.) IF ATTACHING TO CONCRETE, CLEAN OUT THE DRILLED HOLE(S), PLACE KSMG (WITH ALL ISOLATION MATERIAL IN PLACE) OVER HOLES(S) AND INSERT THE ANCHOR(S) INTO THE DRILLED HOLE(S). TAP THE ANCHOR(S) TO SEAT TO FULL EMBEDMENT DEPTH. ASSEMBLE THE WASHER(S) AND NUT(S) TO THE STUD(S) AND TIGHTEN TO SEAT THE ANCHOR(S).

REFERENCE DRAWINGS: S-88.071-3A & S-88.071-4A



TITLE
KSMG
KNC SEISMIC EQUIPMENT CLIP
INSTALLATION INSTRUCTIONS

LAST DATE
REVISED
6-26-03

REVISED BY
RSS

DRAWING NO.
INS-88.071-3

INS