

NOISE AND VIBRATION REQUIREMENTS

APPENDIX H ESTABLISHES THE NOISE AND VIBRATION LEVELS WHICH THE EQUIPMENT MUST MEET. IN SOME INSTANCES, HOWEVER, THE SELLER MAY BE TECHNICALLY UNABLE TO MEET THE REQUIREMENTS OF APPENDIX H. IN SUCH CASES, IF HE HAS NOT DONE SO ALREADY, THE SELLER WILL REPORT TO THE BUYER WITHIN TWO WEEKS FROM THE DATE OF THE FORMAL ORDER THE FOLLOWING:

- A) CURVES AND DATA SHOWING COMPARISON BETWEEN WHAT SELLER CAN MEET AND THE REQUIREMENTS OF APPENDIX H.

- B) A DETAILED DESCRIPTION OF STEPS TO BE TAKEN BY SELLER TO ASSURE BUYER THAT EVERY EFFORT WILL BE MADE TO MEET THE REQUIREMENTS OF APPENDIX H.

EQUIPMENT WILL BE RESILIENTLY MOUNTED ON THE SHIPBUILDER'S FOUNDATION AND SOUND ISOLATED. THEREFORE, THE FOLLOWING INFORMATION SHALL BE INCLUDED ON THE OUTLINE DRAWING OR FORWARDED SEPARATELY:

1. WEIGHT OF EQUIPMENT AND LOCATION OF CENTER OF GRAVITY.

2. LOCATION OF THE THREE PRINCIPAL AXES OF INERTIA AND RADII OF GYRATION ABOUT EACH.

3. SELF-EXCITING FREQUENCIES OF THE EQUIPMENT, THAT IS, ROTATING SPEEDS, NUMBER OF BLADES, CYLINDERS, ETC. AS APPLICABLE.

THE SHIPBUILDER WILL FURNISH RESILIENT MOUNTS (TYPE AND QUANTITY TO BE SPECIFIED LATER) FOR USE IN CONNECTION WITH THE SOUND

TESTING OF THE EQUIPMENT ON THIS ORDER.
EXTREME CARE MUST BE TAKEN TO ASSURE THAT
THESE MOUNTS ARE NOT PAINTED OR DAMAGED AND
ARE RETURNED TO THE SHIPBUILDER ON OR BEFORE
THE EQUIPMENT IS SHIPPED. IF SO DESIRED,
THESE RESILIENT MOUNTS MAY BE USED AS
PART OF THE SPECIAL PACKAGING REQUIRED TO
PROTECT THIS EQUIPMENT DURING SHIPMENT.