

PC-1-069
May 6, 2003

**CONDENSATE DRAIN MAINTENANCE FOR ALL INSTRUMENT QUALITY
(IQ) SYSTEMS AND OIL FREE SYSTEMS**

MODELS

AFFECTED:

ALL INSTRUMENT QUALITY (IQ) EQUIPPED MACHINES.
NHP1500WCU.

SYMPTOMS:

DAMAGE TO THE AIREND OR DOWNSTREAM EQUIPMENT.

CAUSE:

BLOCKAGE OF Y-STRAINER, ORIFICES, OR PIPING CAUSING
CONDENSATE TO ENTER THE AIRSTREAM.

REMEDY:

WEEKLY, VERIFY DURING FULL LOAD OPERATION (MAXIMUM AIR
DELIVERY) THAT THE Y-STRAINERS, ORIFICES, AND PIPING ARE
NOT CLOGGED.

CONFIRM THAT WATER AND AIR ARE BEING EJECTED FROM
INTERSTAGE (NHP1500WCU), AFTERCOOLER AND IQ FILTER
DRAINS (HP1600, HP1300) BY LOOSENING EACH OF THE
CONDENSATE DRAIN LINE FITTINGS AT THE MUFFLER.

LINES ARE OPEN IF AIR AND WATER ESCAPE.