

All Standard Notes

(Special Notes[35-50] will be described on, or attached to, each Purchase Order because they are job specific)

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001 NOTE A: MATERIAL TEST REPORTS

CERTIFIED PHYSICAL AND CHEMICAL MILL TEST REPORTS TO COMPLY WITH ASME SECTION II MATERIAL SPEC PART A, B OR C LATEST EDITION OR MILL TEST REPORTS ALONG WITH A C.O.C. SHOWING MATERIAL BEING SUPPLIED CONFORMS TO LATEST ADDENDA. NOTE: A COPY OF MILL TEST REPORTS TO BE SENT PRIOR TO RECEIPT OF MATERIAL AT GRAHAM CORPORATION. EMAIL TO: MATERIAL_CERTS@GRAHAM-MFG.COM. DOCUMENTATION SHOULD BE IN THE FOLLOWING FORM: 1) MATERIAL CERTIFICATIONS TO BE SCANNED INTO A PDF, TIF, JPEG OR OTHER SCANNABLE FILE AND

- 018 NOTE JJ: MATLS OF USA ORIGIN
 MATLS OF USA ORIGIN AND SO STATED ON C.O.C.
- 008 NOTE LL: NO CHINESE MATL. & SO STATED ON MTR OR C OF C
 NO CHINESE MATERIAL AND SO STATED ON MTR OR C OF C
- 014 NOTE MR: MTR REQUIREMENTS
 MTR WITH CHEMICALS, PHYSICALS AND ORIGINS REQUIRED
- 021 NOTE NN: SUBLET
 SUBLET
- 035 NOTE PP: PURCHASED IN THE SOLUTION ANNEALED CONDITION
 TO BE PURCHASED IN THE SOLUTION ANNEALED CONDITION
- 034 NOTE QQ: GHM ORIGIN & MFG. POLICY PER DWG NO. S4195 REV 2
 GRAHAM CORP. ORIGIN AND MANUFACTURE POLICY PER DRAWING NO: S 4195 REV 2
 USA, JAPAN, ITALY, GERMANY, UNITED KINGDOM, FRANCE, CANADA, MEXICO, SOUTH KOREA, SWEDEN, AND SWITZERLAND
- 008 NOTE RR: SPIRAL GASKET SURFACE
 SPIRAL GASKET SURFACES MUST BE IN ACCORDANCE WITH ANSI B16.5
- 075 NOTE SS: NORMALIZED
 MATERIAL TO BE NORMALIZED AND SO STATED ON A CERTIFICATE OF CONFORMANCE OR ORIGINAL MILL TEST REPORTS
- 016 NOTE TT: NOTES FOR HEAD ORDERS
 A) ALL HEADS ARE TO COMPLY WITH UG-81, UG-96 & UCS-79(d) AS APPLICABLE, OF THE ASME SECTION VIII DIV 1 CODE, PROPER DOCUMENTATION TO BE NOTED ON THE TEST REPORT AND COVER SHEET.
 B) ORIGINAL MILL TEST REPORTS REQUIRED.
 C) NO CENTER HOLE ALLOWED - IF CENTER HOLE IS REQUIRED TO FABRICATE HEAD, ADVISE GRAHAM MFG. CO., INC. BEFORE PROCEEDING COST EXTRA FOR REPAIR TO THE ASME SPECIFICATION. CENTER HOLE PLUG TO BE RETAINED AND SENT WITH HEAD, WHEN APPLICABLE OR SHIP SEPARATELY VIA UPS TO THE ATTENTION OF RECEIVING INSPECTION AT THE SAME TIME OR PRIOR TO SHIPMENT OF HEADS TO GRAHAM; TRACEABILITY MUST BE MAINTAINED ON PLUGS. MATERIAL HEAT NUMBER, MATERIAL SPEC, AND MATERIAL TEST REPORTS AT MINIMUM
- 042 NOTE UU: MTR TO COMPLY WITH EN10204 3.1B
 MTR TO COMPLY WITH EN10204 3.1B
- 098 NOTE XA MATERIAL TEST REPORTS AND MARKINGS
 MILL TEST REPORT (MTR) REQUIRED
 ASME/ASTM CODE MARKINGS INCLUDING HEAT NUMBER REQUIRED IN ADDITION TO ANY FLOWDOWN OR DRAWING SPECIFIC MARKINGS THAT MAY BE REQUIRED. REFER TO ALL PURCHASE ORDER NOTES AND FLOWDOWNS FOR ADDITIONAL REQUIREMENTS.
 IF UNABLE TO PHYSICALLY MARK MATERIAL, CONTACT BUYER FOR INSTRUCTIONS.
 PLEASE NOTE: THE MTR MAY REQUIRE PRE-APPROVAL BEFORE USE OR SHIPMENT. REFER TO THE TOP OF THE PURCHASE ORDER FOR INSTRUCTIONS.
 MTR SHOULD ACCOMPANY SHIPMENT AND BE SENT TO:
 MATERIAL_CERTS@GRAHAM-MFG.COM
 WITH THE FOLLOWING SUBJECT LINE FORMAT:
 PO# BXXXXXX / LINE# XXX / SUPPLIER NAME
- 017 NOTE XB CERTIFICATE OF CONFORMANCE REQUIRED
 CERTIFICATE OF CONFORMANCE REQUIRED (C OF C)

 BUYER TO SPECIFY DETAILS PER JOB REQUIREMENTS

 PLEASE NOTE: THE C OF C MAY REQUIRE MULTIPLE ELEMENTS, REFER TO ALL PURCHASE ORDER NOTES AND FLOWDOWNS FOR C OF C REQUIREMENTS
 C OF C MAY REQUIRE PRE-APPROVAL BEFORE SHIPMENT
 PLEASE REFER TO TOP OF PURCHASE ORDER FOR INSTRUCTIONS
 C OF C SHOULD ACCOMPANY SHIPMENT AND BE SENT TO THE FOLLOWING PRIOR TO SHIPMENT:
 MATERIAL_CERTS@GRAHAM-MFG.COM
 WITH THE FOLLOWING SUBJECT LINE FORMAT:
 PO# BXXXXXX / LINE# XXX / SUPPLIER NAME
- 049 NOTE XF MP MERCURY RESTRICTIONS
 MATERIALS, COMPONENTS OR SERVICES BEING SUPPLIED SHALL NOT CONTAIN MERCURY.
 MATERIALS, COMPONENTS OR SERVICES BEING SUPPLIED SHALL NOT COME INTO DIRECT CONTACT WITH MERCURY, MERCURY COMPOUNDS OR WITH A MERCURY CONTAINING DEVICE.
 RAW MATERIAL MTR'S SHALL CONTAIN A STATEMENT ADDRESSING MERCURY. CERTIFICATES OF CONFORMANCE SHALL BE PROVIDED BY DISTRIBUTORS, MACHINE SHOPS OR OUTSIDE SERVICE SUPPLIERS ADDRESSING CONTACT WITH MERCURY, MERCURY COMPOUNDS OR MERCURY CONTAINING DEVICES.
 PLEASE CONTACT YOUR BUYER IMMEDIATELY IF YOU HAVE ANY QUESTIONS REGARDING DELIVERABLES FOR MERCURY RESTRICTIONS.

071 NOTE YY: MATERIAL PER NACE MR-0175

MATERIAL PER NACE MR-0175

072 NOTE ZZ: MATERIAL PER NACE MR-0103

MATERIAL PER NACE MR-0103

306 NOTE 21: INTERNAL PMI NOTE

(PMI) POSITIVE MATERIAL IDENTIFICATION TO BE PERFORMED UPON RECEIPT AT GRAHAM CORPORATION

085 NOTE 85: GREY IRON CASTING NOTES

CERTIFICATE OF CONFORMANCE WITH SPECIFICATION REQUIRED "IN TRIPLICATE", YOU ARE ALSO REQUIRED BY ABOVE SPEC. TO CAST ON EACH CASTING YOUR IDENTIFICATION SYMBOL, THE CLASS OF MATERIAL, IRON CL 35 OR 40. IN ADDITION YOU ARE TO CAST THE WORD "GRAHAM" ON EACH CASTING AND THE GRAHAM PATTERN NUMBER. GREY IRON SPEC. IS TO ASME SPEC SA-278 AND UNLESS OTHERWISE SPECIFIED ON THE PURCHASE ORDER ALL CASTINGS WILL BE USED IN APPLICATIONS OF LESS THAN 450 DEGREES "F". SHOULD GRAHAM REQUIRE CASTING FOR USE ABOVE 450 DEGREES "F" IT SHALL BE SO STATED ON OUR PURCHASE ORDER AND YOU WILL BE REQUIRED TO MEET THE CODE REQUIREMENTS FOR SUCH APPLICATIONS.

086 NOTE 86: CAST BRONZE CASTING NOTES

CERTIFICATE OF CONFORMANCE TO SPECIFICATION REQUIRED. ONE COPY IS TO BE SENT WITH THE SHIPMENT AND ONE COPY WITH THE INVOICE. YOU ARE ALSO REQUIRED BY THE ABOVE SPEC. TO CAST ON EACH CASTING YOUR FOUNDRY SYMBOL, THE NAME "GRAHAM" AND THE GRAHAM PATTERN NUMBER AT A LOCATION ON THE CASTING WHERE IT WILL NOT BE REMOVED IN THE FINAL MACHINING PROCESS.

087 NOTE 87: STAINLESS STEEL CASTING NOTES

PLEASE NOTE THAT YOUR FOUNDRY IDENTIFICATION SYMBOL AS WELL AS THE HEAT NUMBER AND GRADE OF MATERIAL ARE TO BE SHOWN ON EACH CASTING IN ACCORDANCE WITH THE ASME SPEC.

090 NOTE 90: CAST STEEL CASTING NOTES

PLEASE NOTE THAT YOUR FOUNDRY IDENTIFICATION SYMBOL AS WELL AS THE HEAT NUMBER AND GRADE WCB ARE TO BE SHOWN ON EACH CASTING IN ACCORDANCE WITH THE ASME SPEC. ALSO, STATE THE PROCESS USED ON THE MATERIAL TEST REPORT

091 NOTE 91: FOR ALL HELIFLOW CAST STEEL BASE PLATES & CASINGS

WATER QUENCHED AND TEMPERED PER SUPPLEMENTAL REQUIREMENT S15, UCS-66 CURVE B APPLIES.