

C2200
Revision Level C002
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LEVEL I ASSEMBLIES TEST REPORTS

QUANTITY: ONE (1) COPY

TEST REPORT(S) CONTAINING THE FOLLOWING INFORMATION FOR EACH LEVEL I PRESSURE BOUNDARY COMPONENT ASSEMBLY (APPENDIX P, ATTACHED HERETO, DEFINES PRESSURE BOUNDARY PARTS AND PROVIDES DETAILED REQUIREMENTS FOR MATERIAL IDENTIFICATION AND CONTROL). SUPPLEMENTAL REQUIREMENTS MAY BE SPECIFIED HEREIN OR ON AN APPROVED DRAWING.

- A. THE SPECIFICATION AND REVISION TO WHICH MATERIALS AND/OR COMPONENTS WERE MANUFACTURED AND TESTED
- B. CHEMICAL ANALYSIS FOR EACH HEAT OF MATERIAL USED IN MANUFACTURE OF PRESSURE BOUNDARY COMPONENTS. (SEE NOTE UNDER D BELOW).
- C. MECHANICAL PROPERTIES FOR ALL PRESSURE BOUNDARY COMPONENTS. IF THE MATERIAL/COMPONENT WAS HEAT TREATED, THE POST HEAT TREATMENT PROPERTIES SHALL BE REPORTED.
- D. EACH CHEMICAL AND MECHANICAL TEST REPORT PROVIDED SHALL BE IDENTIFIED BY THE APPLICABLE HEAT/LOT NUMBER IT REPRESENTS, OR BY THE SUPPLIER'S UNIQUE IDENTIFICATION NUMBERS WHICH MUST BE CORRELATED AND TRACEABLE TO A HEAT NUMBER. (SEE NOTE BELOW)

NOTE: WHEN CONTINUOUS CAST OR POUR PROCESSES ARE USED, CHEMICAL AND/OR MECHANICAL TEST REPORTS, AS APPLICABLE, SHALL BE OF REPRESENTATIVE SAMPLES TAKEN AT LEAST TWICE DURING EACH 8 TO 10 HOURS OF OPERATION.

- E. RESULTS OF HYDROSTATIC TESTING WHEN REQUIRED BY THE PURCHASE ORDER, SPECIFICATION, AND/OR DRAWING. TEST PRESSURE AND TIME HELD SHALL BE REPORTED.
- F. CORRELATION LIST FOR EACH ASSEMBLY SHOWING THE HEAT NUMBERS AND OTHER UNIQUE IDENTIFICATION NUMBERS ASSIGNED TO EACH PRESSURE BOUNDARY PART IN THE COMPONENT ASSEMBLY. TO FACILITATE THIS CORRELATION, EACH COMPONENT ASSEMBLY SHALL BE ASSIGNED A UNIQUE SUPPLIER SERIAL NUMBER (OR OTHER UNIQUE IDENTIFIER) WHICH SHALL BE PERMANENTLY MARKED ON THE MAJOR PRESSURE BOUNDARY PART OF THE COMPONENT ASSEMBLY. IN ADDITION, AND WHEN PRACTICABLE (I.E., WHEN SUFFICIENT SPACE IS AVAILABLE AND FORM, FIT, AND FUNCTION WILL NOT BE AFFECTED), EACH PRESSURE BOUNDARY PART SHALL BE PERMANENTLY MARKED WITH ITS HEAT NUMBER (OR SUPPLIER'S UNIQUE IDENTIFICATION NUMBER).

NOTES:

- 1) MARKING OF FASTENERS USED IN PRESSURE BOUNDARY APPLICATIONS SHALL BE IN ACCORDANCE WITH THE FASTENER SPECIFICATION. MARKING HEAT/LOT NUMBERS ON FASTENERS IS NOT REQUIRED UNLESS SPECIFICALLY CALLED OUT IN THE PURCHASE ORDER.
- 2) ALL TESTS AND INSPECTIONS REQUIRED BY THE PURCHASE ORDER AND/OR THE APPLICABLE SPECIFICATION SHALL BE

ACCOMPLISHED AND REPORTED UNLESS SPECIFICALLY WAIVED IN OUR ORDER.

- 3) A SIGNED POSITIVE (I.E. UNQUALIFIED) CERTIFICATION STATEMENT BY THE TESTING FACILITY THAT INDICATES THE TEST DATA IS IN COMPLIANCE WITH THE SPECIFICATION REQUIREMENTS.

(EXAMPLE: THE RESULTS REPORTED ON THIS TEST REPORT REPRESENT THE ACTUAL ATTRIBUTES OF THE MATERIAL FURNISHED AND INDICATE FULL COMPLIANCE WITH ALL APPLICABLE SPECIFICATION REQUIREMENTS.