

FORM R-2 REPORT OF ALTERATION

in accordance with provisions of the National Board Inspection Code

1. Work performed by: Southern Heat Exchanger Corporation 97-846 B
(name of repair organization) (Form R No.)
6100 Old Montgomery Highway Tuscaloosa, Al
(address)

2. Owner: duPont (name)
Wilmington, DE
(address)

3. Location of installation: duPont (name)
Beaumont, TX
(address)

4. Unit identification: Heat exchanger Name of original manufacturer So. Heat Exch. Corp.
(boiler, pressure vessel)

5. Identifying nos.: 89-027 B 5739 1990
(mfg serial no.) (National Board no.) (jurisdiction no.) (other) (year built)

6. NBIC Edition/Addenda: 1995 A95 96 Original Construction Code: 1986 A87
DHN 8-15-97 (incl. edition and addenda)
8-15-97

7. Description of work: (use supplemental sheet, Form R-4, if necessary)

1. Increase shell side design pressure from 75 psig to 100 psig.

2. Increase tube side design pressure from 75 psig to 100 psig.

Pressure test, if applied Sh-150 Tu-150 psi.

8. Replacement Parts. Attached are Manufacturer's Partial Data Reports or Form R-3s properly completed for the following items of this report.

(name of part, item number, data report type, mfr's. name and identifying stamp)

9. Remarks:

DESIGN CERTIFICATION

I, Daniel H. Noland certify that to the best of my knowledge and belief the statements in this report are correct and that the Design Change described in this report conforms to the National Board Inspection Code.

National Board "R" Certificate of Authorization No. 44 expires on Feb. 28, 20 00

Date 08/15 19 97 Southern Heat Exchanger Corporation

(name of design organization)

Signed Daniel H. Noland

(authorized representative)

CERTIFICATE OF DESIGN CHANGE REVIEW

I, Palmer B. Dent, holding a valid Commission issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the jurisdiction of GA and employed by Commercial Union Insurance Company of Boston, MA have reviewed the design change as described in this report and state that to the best of my knowledge and belief such change complies the applicable requirements of the National Board Inspection Code. By signing this certificate, neither the undersigned nor my employer makes any warranty, expressed or implied, concerning the work described in this report. Furthermore, neither the undersigned nor my employer shall be liable in any manner for any personal injury, property damage or loss of any kind arising from or connected with this inspection.

Date 08/15 19 97

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(Inspector)

Commissions

NB 11599 A GA 419

(National Board (incl. endorsements), state, prov., and no.)

CONSTRUCTION CERTIFICATION

I, Rich Moore certify that to the best of my knowledge and belief the statements in this report are correct and that all material, construction, and workmanship on this Alteration conforms to the National Board Insp. Code.

National Board "R" Certificate of Authorization No. 44 expires on Feb. 28 20 00

Date 9-22 19 97 SOUTHERN HEAT EXCHANGER Co.

(name of alteration organization)

Signed Rich Moore

(authorized representative)

CERTIFICATE OF INSPECTION

I, LEROY ROBBINS, holding a valid Commission issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the jurisdiction of TEXAS and employed by Commercial Union Insurance Company of Boston, MA have inspected the work described in this report on 09-22 1997 and state that to the best of my knowledge and belief this work complies with the applicable requirements of the National Board Inspection Code. By signing this certificate, neither the undersigned nor my employer makes any warranty, expressed or implied, concerning the work described in this report. Furthermore, neither the undersigned nor my employer shall be liable in any manner for any personal injury, property damage or loss of any kind arising from or connected with this inspection.

Date 09-22 19 97

Signed LeRoy Robbins

(Inspector)

Commissions

NB 8826A-TX-185

(National Board (incl. endorsements), state, prov., and no.)