

**Manufacturer's Data Report
for Fired Process Heaters**

LIB-1004

Partial

Side 1

Upon shipment of a Direct Fired Process Heater Unit or Part including Coil, Headers, Manifolds and Crossovers this form fully and correctly filled in must be mailed to the office of the Chief Inspector in the Province of Installation in accordance with the CSA B51 Code.

| | |
|---------------------------------|--------------------------------------------|
| Manufactured by | Name and address of Manufacturer |
| Manufactured for | Name and address of Purchaser or Consignee |
| Ultimate owner | Name and address |
| Location of installation | Address |

| | | | | | |
|-------------------------------------|---------------|------------|-------------|------------|----------------|
| Description / Type of Heater / Part | Prov. CRN No. | Serial No. | Drawing No. | Year Built | Owner's ID No. |
|-------------------------------------|---------------|------------|-------------|------------|----------------|

| Item/I.D. No. | Design Pressure | Design Temp. | Design and/or Construction Code(s) | Safety Valve | |
|---------------|-----------------|--------------|------------------------------------|--------------|---------|
| | | | | Size | Setting |
| | | | | | |
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COIL

| Type | ID No.(s) | Tubes | | | | End Closures | | | | | Openings Nozzles/ Fitting | | |
|------|-----------|-------|-------------|------|------------|--------------|------------|--------------|------|------------|------------------------------|-----------|--------|
| | | | | | | Ret. Bends | | Plug Heaters | | | | | |
| | | No. | Mat'l Spec. | O.D. | Thick-ness | Mat'l Spec. | Thick-ness | Mat'l Spec. | Size | Thick-ness | Mat'l Spec. | Type Size | Rating |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

HEADER/MANIFOLDS

| Type | ID No.(s) | Size | Shell | | Ends | | Openings | | | | | |
|------|-----------|------|-------------|-----------|-------------|-----------|----------|------|-------------|--|--|--|
| | | | Mat'l Spec. | Thickness | Mat'l Spec. | Thickness | No. | Type | Size Rating | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
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OTHER ITEMS (CROSSOVERS, ETC.)

| Type | ID No.(s) | Size | Mat'l Spec. | Thickness |
|------|-----------|------|-------------|-----------|
| | | | | |
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NONDESTRUCTIVE EXAMINATION & HEAT TREATMENT

| Item Description (Coil/Manifold/ Headers & Type) | ID No.(s) | N.D.E | | | Post Weld Heat Treatment | |
|--------------------------------------------------------|--------------|--------------------------------|---------------------------------------|--------------------------|--------------------------|--------------|
| | | Radiograph 100% or % Random | Mag Part (MT) Dye Pen (PT). Extent | Other Ultrasonic etc. | Temp. | Holding Time |
| | | | | | | |
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PRESSURE TEST

| (Coil/Header/ Manifold & Type) | ID No.(s) | State whether shop or field | Pneumatic Test Pressure | Alternative/Additional Tests |
|-----------------------------------|--------------|--------------------------------|----------------------------|---------------------------------------------|
| | | | | i.e. Sensitive Leak (Press and test method) |
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REMARKS - Include extent of field assembly

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| <p>Certificate of Compliance</p> <p>We certify that the statements made in this data report are correct and that the said vessel has been constructed in accordance with the Provincial Registered design below and the requirements of standard CSA B51.</p> <p>Provincial Registered Design _____</p> <p>Manufacturer _____</p> <p>Signature _____ Date _____</p> | <p>Certificate of Shop Inspection</p> <p>I, the undersigned, a duly authorized Boiler and Pressure Vessel Inspector employed by _____ of _____ have inspected the above vessel and state that to the best of my knowledge and belief, the manufacturer has constructed the vessel in accordance with the Provincial registration CRN _____ and the requirements of standard CSA B51.</p> <p>Inspector's Name _____</p> <p>Signature _____ Date _____</p> |
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| <p>Certificate of Compliance</p> <p>Field Work</p> <p>We certify that the field inspection of all parts of the vessel conforms with the requirements of Provincial Regulations.</p> <p>Installer's Name _____</p> <p>Signature _____</p> <p>Date _____</p> | <p>Certificate of Field Inspection</p> <p>I, the undersigned, a duly authorized Boiler and Pressure Vessel Inspector employed by _____ have inspected the items not covered by the Shop Inspection Certificate and the Installation of the items and state that to the best of my knowledge and belief the construction and assembly of the items are in accordance with the Provincial Regulations</p> <p>Inspector's Name _____</p> <p>Signature _____ Date _____</p> |
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