

As Required by the Provisions of the ASME Boiler and  
Pressure Vessel Code Rules, Section VIII, Division 11. Manufactured and certified by Alfa Laval, Inc., 5400 International Trade Drive, Richmond, Virginia, 23231, USA

(Name and address of Manufacturer)

2. Manufactured for Compass Minerals Ogden Inc., 765 N 10500 W, Ogden, 84404-9761, USA

(Name and address of Purchaser)

3. Location of Installation Unknown

(Name and address)

4. Type Vertical Gasketed 30126-92913 N/A 30126-92913.0  
(Horizontal or vertical) (Gasketed, semi-weld, brazed) (Manufacturer's serial number) (CRN) (Drawing no.)5. ASME Code, Section VIII, Division 1 2021 2766 N/A 2023 64241  
[Edition (year)] (Code Case no.) [Special service per UG-120(d)] (Year built) (National Board number)6. Endplates: (a) SA-516-70 (b) SA-516-70 (c) \_\_\_\_\_  
(Fixed material) (Moveable material) (Other material)

No.	Quantity	Width	Length	Thickness	Corr. Allow.	Heat Treat.	Temp.	Time
a	1	31"	84"	2.36"	0	N/A	N/A	N/A
b	1	31"	80"	2.17"	0	N/A	N/A	N/A

7. Frame compression bolts and nuts (6) 1.54" (M39 actual) & (4) 1.18" (M30 actual) SA-193-B7 and SA-194-2H  
(Quantity, diameter, material specification, and grade)8. Impact test: NO (Impact Exemption UCS-66(a), (b), UHA-51, UNF-65, as applicable)  
(Indicate yes or no and the component(s) impact tested)9. Heat transfer plates DR20 M SB-575 UNS10276 (ALLOY C276) 0.6 mm N/A 66  
(Plate model) (Material specification and grade) (Thickness) (Minimum / Maximum Quantity of Plates for Frame)  
40 181 mm 185 mm  
(Quantity of Plates Pressure Tested) (Minimum tightening dimension) (Maximum tightening dimension)10. Chamber 1, MAWP 150 psi/FV at max. temp. 356 °F, -20 °F MDMT at 150 psi/FV Hydro/ pneu. test press. Hydro. 195 psi11. Chamber 2, MAWP 150 psi/FV at max. temp. 356 °F, -20 °F MDMT at 150 psi/FV Hydro/ pneu. test press. Hydro. 195 psi

12. Nozzles, connections, inspections, and safety valve openings:

Purpose (Inlet, Outlet, Drain, etc.)	Qty.	Dia. or Size	Type	Material		Flange Rating	Nozzle Thickness		How Attached		Location (Insp./Open.)
				Nozzle	Flange		Nom.	C. A.	Nozzle	Flange	
Inlet	2	8"	STUDS	SA-193 B7			3/4"				
Outlet	2	8"	STUDS	SA-193 B7			3/4"				

13. Supports: Lugs N/A Legs Feet 4 Others N/A Attached Bolted to Endplate  
(Quantity) (Quantity) (Describe) (Where and how)

14. Manufacturer's Partial Data Reports properly identifying and signed by Commissioned Inspectors have been furnished for the following items of the report (list the name of the part, item number, and Manufacturer's name and identifying number):

(Name of part, item number, Manufacturer's name and identifying number)

15. Remarks:

[Distance between endplates: 7"] Customer PO #: 18179; Tag #: HE-4100 B; / Owner to supply  
Safety Valve/Noncorrosive Service Only;

Manufactured by **Alfa Laval, Inc., 5400 International Trade Drive, Richmond, Virginia, 23231, USA**Mfr's Serial No. **30126-92913**

CRN \_\_\_\_\_

National Board No. **64241**

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## CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements in this report are correct and that all details of design, material, construction, and workmanship of this plate and frame heat exchanger conform to the ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1.

U Certificate of Authorization Number 25017 expires July 5, 2025Date 10/03/2023 Name Alfa Laval, Inc.  
(Manufacturer)Signed   
(Representative)

## CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and employed by Bureau Veritas Inspection and Insurance Company, of Lynn, MA

have inspected the plate and frame heat exchanger described in this Manufacturer's Data Report on September 27, 2023 and state that, to the best of my knowledge and belief, the manufacturer has constructed this plate and frame heat exchanger in accordance with the applicable sections of the ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. By signing this certificate neither the Inspector nor his/her employer makes any warranty, expressed or implied, concerning the plate and frame heat exchanger described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his/her employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 10/02/2023Signed Commission: 10803, VA951R, NC 1548  
(National Board Authorized Inspector Commission number)

## CERTIFICATE OF FIELD ASSEMBLY COMPLIANCE

We certify that the statements in this report are correct and that the field assembly construction of all parts of this vessel conforms with the requirements of the ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1.

U Certificate of Authorization Number \_\_\_\_\_ expires \_\_\_\_\_

Date \_\_\_\_\_ Name \_\_\_\_\_  
(Assembler)Signed \_\_\_\_\_  
(Representative)

## CERTIFICATE OF FIELD ASSEMBLY INSPECTION

I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and employed by

have compared the statements in this Manufacturer's Data Report with the described plate and frame heat exchanger and state that the parts referred to as data items \_\_\_\_\_, not included in the certificate of shop inspection, have been inspected by me and that to the best of my knowledge and belief, the Manufacturer has constructed this plate and frame heat exchanger in accordance with the ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. By signing this certificate neither the Inspector nor his/her employer makes any warranty, expressed or implied, concerning the plate and frame heat exchanger described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his/her employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date \_\_\_\_\_ Signed \_\_\_\_\_  
(Authorized Inspector)Commission: \_\_\_\_\_  
(National Board Authorized Inspector Commission number)

Form and version: U1P-2