New Brunswick	Nova Scotia	Prince Edwa	ard Island	Newfoundland and Labrador		
Nunavut	Yukon	Northwest T	erritories	Newfoundarid and Labrador		
Manufacturers Nam	e: Endress+Hauser Optical Anal	lysis, Inc.				
Plant Locations: same	ess: 11027 Arrow Route, Ranch	no Cucamonga, CA, 91730	, USA			
Category	of Fittings to be reglete	ered. Circle one C	ategon, only			
A Pipe fittings, including B Flanges: all flanges	couplings, tees, elbows, Ys,	<u>Title of the Standard of</u> Construction				
C Valves; all line valves				<u>John Luction</u>		
E Strainers filters separ	ole connections, and hose a	ACME DOLO				
F Measuring devices, including pressure gauges, level gauges sight glasses, level gauges				- ASME B31.3		
		- ASME B31.1				
	pressure relief devices accilis, piping and fusible plugs apponents that do not fall into	n				
N Nuclear components:	Class 1 Class 2 Class	ss 3 [] (Meeting CN)	SC or ASME requirement	ents)		
Snow Manufacturers	Name, Trademark, or L	ogo as it will appe	ar on the product	Type of Construction		
lima.				Forged  Welded  Wrought  Cast  Other		
l In	dress+H	AUSPr.	LI	Describe other:		
House H. E.	MI COO . 11	uusti	and the second second second	GLASS		
List of supporting do	cumentation and identi	fication of the actu	al items to be regis	stered:		
				N, REPORTS, DRAWINGS.		
White Park American Control of the C		-,, -, -, -, -, -, -, -, -, -, -, -,	1201011011101	TEPONTS, DIVAVINGS.		
(Val. 1971) 10 (1971)				The state of the s		
Declaration:						
Timo Kretzler, VP of Technology	(see note 3) em	ployed by Endress+	lauser Optical Analysis, Inc	and being the person having full authority		
and responsibility for the	quality of the end product	ct do solemniv decis	re that the information	on contained in this fame is twenty the best of		
ratings, and identification	markings are in accorda	agistration is sought	. The dimensions, n	naterials of construction, pressure temperature		
intiligo lo regulateu by a	adality Control Program	which extends to ea	ich plant where fabri	cation occurs in whole or in part and has been		
ACTITION DA PROPERTOR	oth d knowing that it is of the	being stillable for the	at niirnnea and I mal	this colomn declaration conscientionals		
	a knowing that it is or the	same force and eff	ect as if made under	oath.		
Signature of Declarer:	CANCEL					
Declared before me at	Rancho Cucama	1ga, A				
This day of	June AD	ZOZZ	Use th	is space from the Official Gerationas		
Notary Public - California						
Or Notary Public: (sign)	Or Notary Public: (sign)  San Bernardino County Commission # 2329266					
- Committee of the Comm	(Affix Official seal to the	right)		My Comm. Expires Jun 27, 2024		
This space for Regulatory Authority use.						
CRN: 0H22437.2	This registration must	be revalldated after te				
OIM.		P	ACCER			
FID#: 16226				EDWARD ISLAND		
Notes:		E-033	MEDINITIES, LAINL	& ENVIRONMENT		
1. All Fittings shall be regist	ered in the name of the Manufa	clurer, C.R.	N OH 22	437.29		
<ol><li>Each Category shall be s and one copy of supporting</li></ol>	upported with two Statutory Dec		0 1 11	1 2022		
3. The Declaration shall be	made by the person having full a			Men		
responsibility for the qual 4. Quality Control programs	shall be resubmitted for validati	ion.	Notice of the second	TIONE CHOWN		
Scope: 50psi @ 1	22F; 45psi @ 140 ires June 21st, 20	OF. BO	ILEMPRESSURE	VESSEL BRANCH Sect 1.0 - Httings Rev.2		
(DGallant						

New Brunswick Nunavut	Nova Scotia Yukon	Prince Edward Island Northwest Territories	Newfoundland and Labrador
Manufacturers Na	Me: Endress+Hauser Optical And	alyeis, Inc.	
Manufacturers Add	dress: 11027 Arrow Route, Rand	oho Cucamonga, CA, 91730, USA	
Plant Locations: 8a			
A Pipe filtings, includir B Flanges: all flanges C Valves: all line valve	ng couplings, tees, elbows, Y es	tered. Circle one Category only s, plugs, unions, pipe caps, or reducers	Title of the Standard of Construction
D Expansion joints, fle E Strainers, filters, ser	xible connections, and hose parators, and steam traps	assemblies: all types	- ASME B31.3
Measuring devices, transmitters	including pressure gauges, le	evel gauges, sight glasses, levels, or pre	
G Certified capacity-rat boilers, pressure ver	ssels, piping and fusible plug	cceptable as primary over pressure prote 8 to one of the above categories	ection on
N Nuclear component	s: Class 1 🗆 Class 2 🗆 C	lass 3 🗆 , (Meeting CNSC or ASME req	ulrements)
Show Manufacture	rs Name, Trademark, or	Logo as it will appear on the pro-	duct  Type of Construction Forged  Welded  Wrought  Cast  Other  Describe other:
CI	iuress+r	لنك lauser	GLASS
List of supporting	documentation and iden	itification of the actual items to be	registered;
- J22 TDLAS G	SAS ANALYZER SO	OPE OF CRN REGISTRA	TION, REPORTS, DRAWINGS.
Declaration:	(see note 3)	employed by Endress+Hauser Optical Ana	clysis, Inc. and being the person having full authority formation contained in this form is true to the best of
and responsibility for	the quality of the end proceeds the product for which	duct do solemnly declare that the int	formation contained in this form is true to the best of slons, materials of construction, pressure temperature
ratings, and identifica	tion markings are in accor	rdance with the herein named stand	ards. I further declare that the manufacture of these
fittings is regulated by verified by pasting is one	/ a Quality Control Progra	m which extends to each plant when	re fabrication occurs in whole or in part and has been d I make this solemn declaration conscientiously
believing it to be true,	and knowing that it is of	the same force and effect as if made	e under oath.
Signature of Declarer	. Whole		
	A Rancho Cucan	muga, A	
1+1			Use this space cortice Officiable athomas
Commissioner of Oat	hs		Notary Public - California San Bernardino County
Or Notary Public: (sig	n) our		Commission # 2329266 My Comm. Expires Jun 27, 2024
The state of the s	(Affix Official seal to t	he right)	my committee to the control of the c
	This registration as	This space for Regulatory Authority	USO.
CRN: 0H22437	7.2	ust be revalidated after ten (10) years fro	8 Paris a parish transce.
16226			NOVA SCOTTA
FID#: 10220		(S)	Date Oct. 14/22
Notes:		CRN	OH22437.28
The country of the second second	registered in the name of the Ma	nufacturer,	as described
	Il be supported with two Statutory porting documentation.	Signe	
	all be made by the person having a quality of the end product.	full authority and	101
1.00	s quality of the end product. grams shall be resubmitted for va	didation.	
Scope: 50psi	@ 122F; 45psi @ 1	140F.	Part Pont Sect 1.0 - Fittings Rev.2
11/2016 CRN (DGall	expires June 21st, ant)	2032	

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS **New Brunswick** Nova Scotia Prince Edward Island Newfoundland and Labrador Nunavut Yukon Northwest Territories Manufacturers Name: Endress+Hauser Optical Analysis, Inc. Manufacturers Address: 11027 Arrow Route, Rancho Cucamonga, CA, 91730, USA Plant Locations: Same as Above Category of Fittings to be registered. Circle one Category only Title of the Standard of A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers Construction B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types ASME B31.3 Strainers, filters, separators, and steam traps Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure - ASME B31.1 transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1  $\square$  Class 2  $\square$  Class 3  $\square$ , (Meeting CNSC or ASME requirements) Show Manufacturers Name, Trademark, or Logo as it will appear on the product Type of Construction Welded 

Wrought Forged Cast n Other X Endress + Hauser Describe other: GLASS List of supporting documentation and identification of the actual items to be registered: - J22 TDLAS GAS ANALYZER SCOPE OF CRN REGISTRATION, REPORTS, DRAWINGS. Declaration: Timo Kretzler, VP of Technology (see note 3) employed by Endress+Hauser Optical Analysis, Inc. and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been as being suitable for that purpose and I make this solemn declaration conscientiously verified by DQS Inc. ISO 9001: 2015 believing it to be true, and knowing that it is of the same force and effect as if made under oath. Signature of Declarer: Declared before me at Official biological Homas day of Notary Public - Californ Commissioner of Oaths San Bernardino County Commission # 232926 Or Notary Public: (sign) n. Expires Jun 27, (Affix Official seal to the right) This space for Regula ory Author OF JUSTICE PUBLIC SAFETY This registration must be revalidated after ter (10) year group the cate of th 0H22437.2 REGISTRATION ONLY 16226 FID#: Notes: All Fittings shall be registered in the name of the Manufacturer. Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. The Declaration shall be made by the person having full authority and responsibility for the quality of the end product. Quality Control programs shall be resubmitted for validation. Scope: 50psi @ 122F; 45psi @ 140F. Sect 1.0 - Fittings Rev.2 11/2016 CRN expires June 21st, 2032

BLRs

(DGallant)

☐ PVs

FITTINGS | NUCLEAR COMPONENTS

New Brunswick Nova Scotia Prince Edward Island Newfoundland and Labrador Nunavut Yukon Northwest Territories Manufacturers Name: Endress+Hauser Optical Analysis, Inc. Manufacturers Address: 11027 Arrow Route, Rancho Cucamonga, CA, 91730, USA Plant Locations; Same as Above Category of Fittings to be registered. Circle one Category only

A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers Title of the Standard of Construction B Flanges: all flanges Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types Strainers, filters, separators, and steam traps ASME B31.3 F) Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure - ASME B31.1 transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on bollers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above calegories N Nuclear components: Class 1 ☐ Class 2 ☐ Class 3 ☐ , (Meeting CNSC or ASME requirements) Show Manufacturers Name, Trademark, or Logo as it will appear on the product Type of Construction Forged B Welded a Cast n Other X Endress+Hauser Describe other: GLASS List of supporting documentation and identification of the actual items to be registered: J22 TDLAS GAS ANALYZER SCOPE OF CRN REGISTRATION, REPORTS, DRAWINGS. Declaration: Time Krettler, VP of Technology (see note 3) employed by Endress+Hauser Optical Analysis, Inc. and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by Doe Inc. 150 5001: 2015 as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath. Signature of Declarer: Declared before me at KANCHO CUCAMANAA. day of Trave Use this sp schootha Officiab Gashows Notary Public - California Commissioner of Oaths San Bernardino County Commission # 2329266 Or Notary Public: (sign) My Comm. Expires Jun 27, 2024 (Affix Official seal to the right) This space for Regulatory Authority users from the day of acceptance.

This registration must be revalidated after ten (10) years from the day of acceptance. 0H22437.2 CRN: 16226 FID# Notes: All Fittings shall be registered in the name of the Manufacturer. Engineering and Ipenaction Services Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation, Registered by The Declaration shall be made by the person having full authority and UNDER THE AUTHORITY OF THE responsibility for the quality of the end product. **PUBLIC SAFETY ACT AND** Quality Control programs shall be resubmitted for validation. THE BOILER, PRESSURE VESSEL AND Scope: 50psi @ 122F; 45psi @ 140F. COMPRESSED GAS REGULATIONS Beet 1.0 - Fittings Rev.2

11/2016 CRN expires June 21st, 2032

(DGallant)

New Brunswick **Nova Scotia** Prince Edward Island Newfoundland and Labrador Nunavut Yukon Northwest Territories Manufacturers Name: Endress+Hauser Optical Analysis, Inc. Manufacturers Address: 11027 Arrow Route, Rancho Cucamonga, CA, 91730, USA Plant Locations: Same as Above Category of Fittings to be registered. Circle one Category only Title of the Standard of A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers Construction B Flanges: all flanges Valves: all line valves D Expansion joints, flexible connections, and hose assemblies; all types - ASME B31.3 Strainers, filters, separators, and steam traps (F) Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure - ASME B31.1 G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, plping and fusible plugs H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 ☐ Class 2 ☐ Class 3 ☐ , (Meeting CNSC or ASME requirements) Show Manufacturers Name, Trademark, or Logo as it will appear on the product Type of Construction Forged # Welded o Wrought 8 Other X Cast D Endress + Hauser Describe other: GLASS List of supporting documentation and identification of the actual items to be registered: - J22 TDLAS GAS ANALYZER SCOPE OF CRN REGISTRATION, REPORTS, DRAWINGS. Declaration: (see note 3) employed by Endress+Hauser Optical Analysis, Inc. and being the person having full authority Timo Kratzler, VP of Technology and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by Das Inc. Iso 9001: 2015 as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath. Signature of Declarer: Kancho Cucawana Declared before me at day of Use this sr Officiab & Beathomas Notary Public - California Commissioner of Oaths San Bernardino County Commission # 2329266 Or Notary Public: (sign) My Comm. Expires Jun 27, 2024 (Affix Official seal to the right) This space for Regulatory Authority use. This registration must be revalidated after ten (10) years from the date of acceptance 0H22437.2 CRN: 16226 FID#: Notes: All Fittings shall be registered in the name of the Manufacturer. 0H22437.2Y Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 10/17/2022 The Declaration shall be made by the person having full authority and

Sect 1.0 - Fittings Rev.2

responsibility for the quality of the end product,

(DGallant)

Quality Control programs shall be resubmitted for validation,

Scope: 50psi @ 122F; 45psi @ 140F. 11/2016 CRN expires June 21st, 2032

New Brunswick Nunavut	Nova Scotia Yukon	Prince Edward Isla Northwest Territori		wfoundland and Labrador		
Manufacturare Nam	PRI Endress Mayour Cultural Aurah	ush too				
Manufacturers Name: Endress-Hauser Optical Analysis, Inc.  Manufacturers Address; 11027 Arrow Roule, Ranche Cucernonga, CA, 81730, USA						
Plant Locations: 8en	the state of the s		***		maya -	
	y of Fittings to be registe g couplings, tees, elbows, Ys,			<u>Yitle of the Standar</u> <u>Construction</u>	rd of	
D Expansion joints, flex	dble connections, and hose a	ssemblies: all types		- ASME B31.3		
(F) Measuring devices, in	arators, and steam traps ncluding pressure gauges, lev	el gauges, sight glasses, leve	ls, or pressure	- ASME B31.1		
tranamilters				THE DOTT		
bollers, pressure ves	ed pressure relief devices acc sels, piping and fusible plugs omponents that do not fall into		ure protection on			
N Nuclear components	: Class 1 D Class 2 D Cla	ss 3 🗆 , (Meeting CNSC or A	SME requirements)			
Show Manufacturer	s Name, Trademark, or L	ogo as it will appear on t	he product	Type of Construct Forged 8 Welded 0 W		
	.1			Cast o Other X		
l En	idress+H	auser 4		Describe other: GLAS	2	
				GLAG	.0	
List of supporting d	locumentation and ident	fication of the actual item	ns to be registere:	d:		
122 TDI AS G	AS ANALYZER SC	OPE OF CRN REGI	STRATION R	EPORTS, DRAWING	S	
022 102 10 0	, to / it it is really 00.	01 2 01 011111201				
Declaration:						
Time Kreizler, VP of Technology	(see note 3) Bi	mployed by Endress+Hauser C	pticel Analysis, Inc. BD	d being the person having full	authority	
and responsibility for ti	he quality of the end produ	ct do solemnly declare tha	t the Information co	entained in this form is true to	the best of	
my knowledge represe	ents the product for which a	registration is sought. The	dimensions, mater	ials of construction, pressure her declare that the manufact	temperature ure of these	
fittings is regulated by	a Quality Control Program	which extends to each pla	nt where fabricatio	n occurs in whole or in part a	nd has been	
verified by Das Inc. 130 900	D); 2016 AS	being suitable for that purp	ose and I make th	ls solemn declaration conscie	ntiously	
believing it to be true,	and knowing that it is of th	s same force and effect as	ir made under dair			
Signature of Declarer:						
Declared before me at	Rancho Cucamo	uga, A			2001	
	of TIME AL		Use this s			
Commissioner of Oath			-	Notary Public - Ca	County	
Or Notary Public: (sign	The state of the s	and the same of th	A STATE OF THE PARTY OF THE PAR	Commission # 2:	329266 F	
THE REAL PROPERTY.	(Affix Official seal to the	right)		Commit. Expires so		
This space for Regulatory Anthority use.						
	This registration mus	t be revalidated after ien (14)	vears from the vate of	racciptance.	6	
CRN: 0H22437	.2		Northwei	ories \ \ '	82.00	
FID# 16226		/	DECIS	TERED \	0	
PID#.	<del>-777</del>	- 1	LINDER THE	AUTHORITY OF		
Notes: 1. All Fittings shell be re	egistered in the name of the Mono	facturer.	THE BOILER A	IND PRESSURE		
TOTAL PRODUCTION OF THE PRODUCTION OF THE PARTY OF THE PA	be supported with two Statutory D		VESS	ELACT.		
and one copy of supp	porting documentation,		C.R.N. Of	22437.27		
	i be made by the person having fu quality of the end product.	B authority and	SIGNED	72		
4. Quality Control progr	ams shall be resubmitted for valid	ation.	DATE OCT	17 2022/		
Scope: 50psi @	0 122F; 45psi @ 14	10F.	DAIL	and 1.0 - Fitting	s Rev.2	
	xpires June 21st, 2	032				
(DGalla	IIII)					

New Brunswick Nunavut	Nova Scotia Yukon	Prince Edward Is Northwest Territo	100 mm (100 mm)	wfoundland and Labrador
	MC: Endress+Hauser Optical Analydress: 11027 Arrow Route, Ranch			
Plant Locations: se		a constitution and a time and		
Catego: A Pipe fittings, includi B Flanges: all flanges	ry of Fittings to be registe ng couplings, tees, elbows, Ya			Title of the Standard of Construction
E Strainers, filters, se	exible connections, and hose a parators, and steam traps			- ASME B31.3
iransmitters G Certified capacity-ra	including pressure gauges, lev sted pressure relief devices acc essels, piping and fuzible plugs	ceptable as primary over pr	Se record accessor a secretar any con-	- ASME B31.1
H Pressure retaining	components that do not fall into	o one of the above categori		
	ers Name, Trademark, or I			Type of Construction
Eı	ndress+H	lauser <b>(</b>	却	Forged 8 Welded a Wrought 8 Cast a Other X Describe other: GLASS
Not the second s	documentation and iden			ed: REPORTS, DRAWINGS.
				****
Declaration:   Timo Kretzler, VP of Technol	(see note 3) i	employed by Endress+Hau	ser Optical Analysis, Inc.	and being the person having full authority
my knowledge repre- ratings, and identific- fittings is regulated it verified by oos lection believing it to be true	esents the product for which ation markings are in accor- by a Quality Control Program soci:2015 a e, and knowing that it is of the	registration is sought. dance with the herein no my which extends to each a being suitable for that	The dimensions, male amed standards. I fu plant where fabricate purpose and I make	contained in this form is true to the best of erials of construction, pressure temperature riher declare that the manufacture of these ion occurs in whole or in part and has been this solemn declaration conscientiously th.
Signature of Declare				
141	at Kancho Cucan ay of Tune A	D ZOZZ	Use this	Space for the Officienties HOMAS  Notary Public - California
Commissioner of Os Or Notary Public: (s	The state of the state of			San Bernardino County Commission # 2329266 My Comm. Expires Jun 27, 2024
and the same of th	(Affix Official seal to t	he right)		-
		This space for Regulate	or Authority yea	
CRN: 0H2243	7.2 This registration ma	ust be revalidated after ten	(IO) years from the date	e of acceptance. NUNAVUT
FID#: 16226			1800	Boilers and Pressure Vessels Act
Notes;			Ivunavut	11000010 10000101101
1. All Fillings shall b	e registered in the name of the Ms.	nufacturer.		The state of the s
2. Each Category st	nat be supported with two Statutory supporting documentation.		1	EGISTERED
3. The Declaration s	thall be made by the person having the quality of the end product.	sun autronty and	CRN_DIT	12437.2N
4. Quality Control p	rograms shall be resubmitted for ve i @ 122F; 45psi @ 1	140F.	Date _ 2022	-10-14 Sect 1.0 - Fittings Rev.2
11/2018 CRN (DGa	expires June 21st,	2032	Signed	A A
1000	- ALAN WALLEN			Chief Inspector
			Territor	ial Projetration Fee