| New Brunswick Nunavut | Nova Scotia Yukon | Prince Edward Islan Northwest Territories | | |
|--|--|--|---|--|
| Manufacturers Na | Me: DETROIT FLEX DEFENSE | | | |
| | dress: 2921 INDUSTRIAL ROW, TR | OY MI, 48084 | | |
| Plant Locations: 8/ | | - | | |
| A Pipe fittings, Includi B Flanges: all flanges C Valves: all line valve | 25 | olugs, unions, pipe caps, or rec | only Title of the Standard Construction | of . |
| E Strainers, filters, se F Measuring devices, transmitters | exible connections, and hose ass parators, and steam traps including pressure gauges, leve | l gauges, sight glasses, levels | <u> </u> | |
| bollers, pressure ve | ted pressure relief devices acce ssels, piping and fusible plugs components that do not fall into o | | e protection on | |
| | s: Class 1 Class 2 Class | | | |
| Show Manufacture | DETROIT DEFENSEN | DFD | | on ought a |
| List of supporting | documentation and identif | ication of the actual item | s to be registered: | *************************************** |
| and responsibility for my knowledge repre- ratings, and identifica- fittings is regulated b | the quality of the end product sents the product for which reation markings are in accorde by a Quality Control Program | ct do solemnly declare that egistration is sought. The ance with the herein named which extends to each pla | X DEFENSE and being the person having full the information contained in this form is true to dimensions, materials of construction, pressure is standards. I further declare that the manufactuat where fabrication occurs in whole or in part ar | the best of temperature are of these and has been |
| verified by ASR ISO 9001 believing it to be true | as i , and knowing that it is of the | being suitable for that purp a same force and effect as | ose and I make this solemn declaration conscient if made under path | ntiously |
| AND THE PROPERTY OF THE PROPER | 12/m 11/11 | 5 541710 10100 2110 01100, 00 | in industrial state. | |
| Signature of Declare | Acceptation of the second seco | | | |
| Declared before me This 26th de Commissioner of Oa | ay of February AD | | CARI M POWE Public State of Michigan County Of Oakland | 8-11-207 |
| Or Notary Public: (si | gn) (an M Von | My Cor | nmission Expires 8-11-202) in the County of Quelland | |
| | (Affix Official seal to the | right) | THE COUNTY OF CHELDING | |
| | | This space for Regulatory A | | |
| CRN: 0D2273 | 3.5 Add1 | t be revalidated after ten (10) | /ears from the date of acceptance. ACCEPTED | |
| 15060 | | | PROVINCE OF PRINCE EDWARD ISLAND | |
| Add1 of Hose assemb | lies incl. Model H9037, H9038 111, H9011NC, H9016, H9016 registered in the name of the Manuf | -8PE. CRN also HY, H9016SP, | communities, land & environment c.r.n. 0022733.59 Add/ | |
| 2. Each Category sha | all be supported with two Statutory Disporting documentation, | | DATE: May 28 2021 | |
| 3. The Declaration sh | reporting documentation, tall be made by the person having ful- te quality of the end product. | il authority and | Jany McCabel | |
| 4. Quality Control pro | grams shall be resubmitted for valida | | INSPECTION SERVICES SECTION BOILER/PRESSURE VESSEL BILLINGH Fitting | s Rev.2 |

CRN expires Oct.9th, 2030 - DG

| New Brunswick Nunavut | Nova Scotia Yukon | Prince Edward Island Northwest Territories | Newfoundland and Labrador | |
|---|--|--|--|---|
| Manufacturers No. | Me: DETROIT FLEX DEFENSE | | | |
| | ress: 2921 INDUSTRIAL ROW | . TROY MI. 48084 | | |
| Plant Locations: 8A | | | | |
| A Pipe fittings, include B Flanges: all flanges C Valves: all fine valve D Expansion joints, fle E Strainers, filters, sep F Measuring devices, transmitters G Certified capacity-rai boilers, pressure ves | ng couplings, tees, elbows, Y s s s s s s s s s s s s s | evel gauges, sight glasses, levels, or pressure cceptable as primary over pressure protection or | Title of the Standar Construction - ASME B31.3 | d of |
| | | class 3 🗆 , (Meeting CNSC or ASME requirement | 1 | |
| Show Manufacture | PLEX | Logo as it will appear on the product | Type of Construct | ion rought a |
| List of supporting | documentation and Idea | ntification of the actual items to be regis | itered: | |
| | | ON, DRAWINGS, CALCULATIO | | |
| and responsibility for my knowledge repres ratings, and identifice fittings is regulated by verified by ASS 150 8001 | the quality of the end pro- ents the product for which alton markings are in account and account of the program of the program of the end of th | employed by DETROIT FLEX DEFENSE duct do solemnly declare that the information is sought. The dimensions, rordence with the herein named standards. In which extends to each plant where fabrical being suitable for that purpose and I may the same force and effect as if made under | on contained in this form is true to materials of construction, pressure I further declare that the manufact ication occurs in whole or in part at ke this solemn declaration conscie | the best of temperature of these and has been |
| | 1/2/11/11 | and same force and effect as it made unde | , Qau. | |
| Signature of Declarer | The state of the s | | | |
| Declared before me a This 26th da Commissioner of Oat Or Notary Public: (sign | ths Can' M Fa | My Commission Exp | pires 8-11-2021 | 8-11-20x |
| | (Affix Official seal to | the right) | | |
| FID#: 15960 Add 1 of Hose assemble Notes incl. Model H90 1. All Fittings shall be 2. Each Category sha and one copy of sure 1. The Declaration shall be responsibility for the | 3.5 Add1 lies Incl. Model H9037, H90 11, H9011NC, H9016, H90 registered in the name of the Mi ii be supported with two Statutor pporting documentation. iii be made by the person havin e quality of the end product. | 138-BPE. CRN also 16HY, H9016SP, anufacturer. by Declaration forms C.R.N. O.D. Dwg. 25 co g full authority and Signed 342 | RESSURE VERSONA ASSOCIATION AS | |
| The second of the second of the second of | grams shall be resubmitted for v 12, H9012HS, H9013, H90 | 13HS. | Pert Sect 1.0 - Fitting | gs Rev.2 |

CRN expires Oct.9th, 2030 - DG

| New Brunswick Nunavut | Nova Scotia Yukon | Prince Edward Northwest Ter | | Newfou | ndland and Labrador | |
|--|--|--|--|--|---|--|
| Manufacturers Nan | ne: DETROIT FLEX DEFENSE | | | | | |
| Manufacturers Add | ress: 2921 INDUSTRIAL ROV | V, TROY MI, 48084 | | | | |
| Plant Locations: SAN | | | | | | contraction as |
| | y of Fittings to be regis g couplings, tees, elbows, | | | | Title of the Standard of Construction | |
| Expansion joints, flex E Strainers, filters, sep | kible connections, and hose arators, and steam traps ncluding pressure gauges, | • | s. levels, or pressi | | ASME B31.3 | |
| transmitters G Certified capacity-rate | ed pressure relief devices a sels, piping and fusible plu | acceptable as primary over | | | | |
| | omponents that do not fall | | ories | | | |
| | s: Class 1 Class 2 | A STATE OF THE PARTY OF THE PAR | | | | |
| Show Manufactures | DETROIT DEFENSE | DFD | <u>r on the produ</u> | Fo Ca | rged Welded Wrough | nt 🖪 |
| List of supporting | documentation and ide | entification of the actu | al items to be r | egistered: | | |
| - SCOPE OF C | RN REGISTRATI | ON DRAWINGS | CALCULAT | TIONS | | |
| -00012010 | THE COUNTY | ON, DIVAVIINOO, | ONLOOD | 10110. | | |
| | | | | | | |
| | | | | | | |
| * | | | | | | |
| | | | | | | |
| and responsibility for my knowledge repres ratings, and identifica fittings is regulated by verified by ASR ISO 9001 | the quality of the end presents the product for whiten markings are in accept a Quality Control Prog | oduct do solemnly declar ich registration is sough cordance with the herein ram which extends to e as being suitable for the | are that the information. The dimension named standarect plant where at purpose and | mation contains, materials rds. I further fabrication of make this s | eing the person having full au lined in this form is true to the of construction, pressure ten declare that the manufacture ccurs in whole or in part and olemn declaration consciention | best of nperature of these has been |
| Signature of Declarer | Mayblul | | - | | | |
| Declared before me | at Troy, Michigan | - | | 4 DOM: | | Sa |
| This 26th da | y of February | AD 2020 | Notary Public | se this spa | ce for the Official Seal | 8-11-9 |
| Commissioner of Oat | ths Ω | D | County | Of Oak and | ew SNouveau | * |
| Or Notary Public: (sig | an) (an M t | owell | My Commissio | n Expires | CLUAD VV ICA | |
| | (Affix Official seal t | to the right) | cting in the (| - | | 1 |
| | | This space for Regu | latory Authority us | se. | PRESSURE VESSEL ACT | 1 |
| 000070 | This registration | must be revalidated after | en (10) years from | n the date of a | GISTRATION ONLY | |
| CRN: 0D2273 | 3.5 Add1 | | | (| 202232 | STAda |
| FID#: 15960 | | | 1 | CRN _ | JUda 7 JJ, | |
| Add1 of Hose assemb Notes: incl. Model H90 | lies incl. Model H9037, H 011, H9011NC, H9016, H registered in the name of the | 9016HY, H9016SP, | | De | an aus | |
| | all be supported with two Statu | tory Declaration forms | | CHIE | BOILER INSPECTOR | |
| 3. The Declaration sh | upporting documentation. nall be made by the person have quality of the end product. | ring full authority and | | DATE | 5/28/21 | |
| 4. Quality Control pro | ograms shall be resubmitted fo | | 1 | | | 1 1 |
| 11/2016 | 012, H9012HS, H9013, H9 | | | BLRs | PVs Sect 1.0 - Fittings F | Rev.2 |

Prince Edward Island

New Brunswick

Nova Scotia

| New Brunswick Nunavut | Nova Scotia Yukon | | ward Island Territories | Newf | oundland and Labrador | |
|--|---|---|--|--|---|--|
| Manufacturere Na | Me: DETROIT FLEX DEFENSE | · | | | | |
| | ress: 2921 INDUSTRIAL ROW, | TROY MI 48084 | | | | |
| Plant Locations; sa | | 71.01 (11, 1000) | | | | |
| Categor A Pipe fittings, includir B Flanges: all flanges C Valves: all line valve | y of Fittings to be registe ag couplings, tees, elbows, Ys | ered. Circle one , plugs, unions, pipe | Category only caps, or reducers | | Title of the Standard Construction | of |
| DExpansion joints, fle E Strainers, filters, sep F Measuring devices, transmitters G Certified capacity-ral bollers, pressure ves | oxible connections, and hose a parators, and steam traps including pressure gauges, levited and pressure relief devices accesses, ploing and fusible plugs | vel gauges, sight gla ceptable as primary | asses, levels, or pressover pressure protec | sure | - ASME B31.3 | |
| 1 | omponents that do not fall into | | 1150.00000 - VIII.O. VIII.O. | | | |
| Show Manufacture | s: Class 1 🗆 Class 2 🗀 Class Name, Trademark, or I | ono as It will an | DNSC or ASME requ | ilrements) | Type of Construction | |
| | DETRUIT FLEX DEFENSE | DFD | | | Forged # Welded # Wro Cast p Other p Describe other; | |
| List of supporting | documentation and ident | ification of the a | ctual items to be | registered: | | |
| - SCOPE OF C | RN REGISTRATIO | N. DRAWING | S. CALCULA | TIONS. | | |
| and responsibility for my knowledge repres ratings, and identifica fittings is regulated by verified by ASR ISO 8001 | the quality of the end products the product for which tion markings are in accord a Quality Control Program as and knowing that it is of the | uct do solemnly d registration is sol dance with the he n which extends to being suitable for | eclare that the info ught. The dimension rein named standa to each plant where or that purpose and | omation con ions, materia ards. I furthe e fabrication d I make this | being the person having full tained in this form is true to als of construction, pressure to ar declare that the manufactu occurs in whole or in part ar solemn declaration conscien | the best of temperature ure of these and has been |
| Signature of Declarer | | | | | | |
| Declared before me a This 26th da Commissioner of Oat Or Notary Public: (sig | y of February A | D 2020 | CARI Notery Public Count My Commissio Acting in the | y Of Oaklan on Expires | 3-11-2021 | 6.11-20 z |
| | | | egulatory Authority u | 100 20 | *v.** | |
| O1414. | This registration mu 3.5 Add1 | st be revalidated af | ter ten (10) years froi | m the date of | acceptance Newfoundland Labrador | |
| Notes: incl. Model H90 | ies incl. Model H9037, H903 11, H9011NC, H9016, H901 registered in the name of the Man | 6HY, H9016SP, | | | Service NL Registered <u>OD 22 133</u> Date 21 106 10 | 50 ADD.1 |
| 2. Each Category sha | li be supported with two Statutory porting documentation. | | | | Engineering and Inspection Serv | rices |
| 3. The Declaration sha | all be made by the person having | full authority and | | | Registered by A. Man | |
| 4. Quality Control prop | e quality of the end product. grams shall be resubmitted for vall 12, H9012HS, H9013, H901 | | | | UNDER THE AUTHORITY OF PUBLIC SAFETY ACT AM THE BOILER, PRESSURE VESS COMPRESSED GAS REGULAT | THE S Rev.2 L AND |
| CRN expires Oct.9th, 2 | 2030 - DG | | | | J. O. N. COULAT | .0110 |

New Brunswick Nunavut Nova Scotia Yukon

Prince Edward Island Northwest Territories Newfoundland and Labrador

| N. C. A N. | |
|--|--|
| Manufacturers Name: DETROIT FLEX DEFENSE | |
| Manufacturers Address: 2921 INDUSTRIAL ROW, TROY MI, 48084 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 | |
| DExpansion joints, flexible connections, and hose assemblies: all types | ASME D21 2 |
| E Strainers, filters, separators, and steam traps | - ASME B31.3 |
| F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure 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 ☐ 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 |
| DETROIT | Forged Welded Wrought Cast Other O |
| FLEX DFD | Cast Other Describe other: |
| | |
| DEFENDE 4. | |
| List of supporting documentation and identification of the actual items to be registere | <u>a:</u> |
| - SCOPE OF CRN REGISTRATION, DRAWINGS, CALCULATIONS. | |
| 2 | |
| | |
| a a contract of the contract o | |
| | |
| | |
| Declaration: | 5 |
| I BRYAN M. MOOSEKIAN CHIEF OF OPERATIONS (see note 3) employed by DETROIT FLEX DEFENSE ar | nd being the person having full authority |
| and responsibility for the quality of the end product do solemnly declare that the information of | ontained in this form is true to the best of |
| my knowledge represents the product for which registration is sought. The dimensions, mate ratings, and identification markings are in accordance with the herein named standards. I furn | |
| fittings is regulated by a Quality Control Program which extends to each plant where fabrication | on occurs in whole or in part and has been |
| verified by ASR ISO 9001 as being suitable for that purpose and I make the | nis solemn declaration conscientiously |
| believing it to be true, and knowing that it is of the same force and effect as if made under oat | in. |
| Signature of Declarer: Myseul C | |
| Declared before me at Troy, Michigan | ă. |
| This 26th day of February AD 2020 Notary Public States | Michigan |
| Commissioner of Oaths County Of Oakle | Michigan 6 |
| My Commission Evalua | 311.0 |
| Or Notary Public: (sign) Acting in the County of | |
| (Affix Official seal to the right) | |
| This space for Regulatory Authority use. | at accentance |
| CRN: 0D22733.5 Add1 | of accontance. |
| | TULLION OF |
| CRN. | ALL CALL |
| FID#: 15960 | The state of the s |
| FID#: 15960 Add1 of Hose assemblies incl. Model H9037, H9038-BPE. CRN also Notes: incl. Model H9011, H9011NC. H9016-H9016SP | To |
| 15060 | 2 |
| 2. Each Category shall be supported with two Statutory Declaration forms | |
| Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. CRN | 0D22733.5Y ADD1 |
| 2. Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The Declaration shall be made by the person having full authority and | 0D22733.5Y ADD1 |
| 2. Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The Declaration shall be made by the person having full authority and | 0D22733.5Y ADD1 ATE 05/28/2021 |
| 2. Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The Declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality Control programs shall be resubmitted for validation. H9016TP; Model H9012, H9012HS, H9013, H9013HS. | 0D22733.5Y ADD1 |
| 2. Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The Declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality Control programs shall be resubmitted for validation. | 0D22733.5Y ADD1 ATE 05/28/2021 |

New Brunswick Nova Scotia Prince Edward Island Newfoundland and Labrador Nunavut Yukon **Northwest Territories** Manufacturers Name: DETROIT FLEX DEFENSE Manufacturers Address: 2921 INDUSTRIAL ROW, TROY MI, 48084 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 C Valves: all line valves

DExpansion 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 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 ☐ 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

Weided Wrought Forged A Cast n Other o Describe other: List of supporting documentation and identification of the actual items to be registered: SCOPE OF CRN REGISTRATION, DRAWINGS, CALCULATIONS. I BRYAN M. MODSEKAN CHIEF OF OPERATIONS (See note 3) employed by DETROIT FLEX DEFENSE 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 ASR ISO 9001 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 Troy, Michigan CARI M POWEL Properties Official Seal AD 2020 This 26th day of February Commissioner of Oaths County Of Oakland My Commission Expire Or Notary Public: (sign) Acting in the KIMAD (Affix Official seal to the right) This space for Regulatory Authority use b) years from the 16300 preceptance. This registration must be revalidated after ten () 0D22733.5 Add1 Territories CRN: REGISTERED 15960 UNDER THE AUTHOPITY OF FID#: dd1 of Hose assembles Incl. Model H9037, H9038-BPE. CRN also Notes: Incl. Model H9011, H9011NC, H9016, H9016HY, H9016SP, THE BOILER AND PI-SSURE VESSEL ACT. All Fittings shall be registered in the name of the Manufacturer. 2. 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. DATE L

.0 - Fittings Rev.2

H9016TP; Model H9012, H9012HS, H9013, H9013HS.

11/2016

CRN expires Oct.9th, 2030 - DG

| New Brunswick Nunavut | Nova Scotia Yukon | Prince Edward Northwest Terr | Island itories | Newfoundland and Labrador | |
|--|--|--|---|--|---|
| | e: DETROIT FLEX DEFENSE | | | | |
| | 985: 2921 INDUSTRIAL ROW, T | ROY ML 48084 | | | |
| Plant Locations: SAME | AS ABOVE of Fittings to be register | end Cirola ana Cata | | | |
| A Pipe fittings, including B Flanges: all flanges C Valves: all line valves | couplings, tees, elbows, Ys, | plugs, unions, pipe caps | , or reducers | Title of the Standard | <u>l of</u> |
| Expansion joints, flexit Extrainers, filters, separ F Measuring devices, inc | ole connections, and hose as rators, and steam traps cluding pressure gauges, leve | | levels, or pressure | - ASME B31.3 | |
| G Certified capacity-rated boliers, pressure vesse | pressure reflef devices acce els, piping and fusible plugs apponents that do not fall into | eptable as primary over p | ressure protection on | | |
| A Company of the Comp | Class 1 Class 2 Clas | The second secon | | (e) | |
| Show Manufacturers | Name, Trademark, or Le | ogo as it will appear | on the product | Type of Construction | on |
| | FLEX DEFENSE *** | DFD | | Forged # Welded # Wind Cast o Other o Describe other: | ought # |
| List of supporting do | cumentation and identif | ication of the actual | items to be regist | ered: | |
| - SCOPE OF CR | N REGISTRATION | I, DRAWINGS, (| CALCULATION | IS. | |
| | | The state of the s | | | 42.6 |
| my knowledge represent ratings, and identification fittings is regulated by a verified by ASR 150 2001 believing it to be true, and | ts the product for which re n markings are in accorde Quality Control Program | or co scieminy declare egistration is sought. Ince with the herein na which extends to each being suitable for that | The dimensions, manual makes and I make and | and being the person having full a n contained in this form is true to to sterials of construction, pressure to further declare that the manufactu- ation occurs in whole or in part and this solemn declaration conscient eath. | he best of emperature re of these |
| Signature of Declarer: | | | | | |
| | | 2020 | CARLM POL | WELL | Š |
| Commissioner of Oaths Or Notary Public: (sign) | 1000 | . 1 | County Of Oa Commission Expir | B space for the Official Seal of Michigan Management | 6-11-202 |
| Of Hotaly Public, (sign) | (Affix Official seal to the | Acti | ng in the Count | y of Queliand | |
| | | This space for Regulato | y Authority use. | NUMBER | |
| CRN: 0D22733.5 | This registration must | be revalidated after ten | 0) years from the da | Boilers and | |
| FID#: 15960 | The second secon | | Nunavut | Pressure Vessels Act | |
| | incl. Model H9037, H9038-I H9011NC, H9016, H9016H stered in the name of the Manufa | | R | EGISTERED | |
| | supported with two Statutory De | | CRN DD 6 | 12733.5N Add | |
| The Declaration shall be responsibility for the qua | made by the person having full dity of the end product. | authority and | Date McL | 428,2021 | |
| 4. Quality Control program | s shall be resubmitted for validated H9012HS, H9013, H9013H | | Signed | Section Fillings | Rev.2 |
| CRN expires Oct.9th, 2030 | - DG | | | | _ |
| | | | Territori | al Registration Fee | |