



Lloyd's
Register

Lloyd's Register Canada Limited

Toronto Technical Support Office

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| Page 1 of 2 |
| Document number 18/60010 |
| Issue number 1 |

DESIGN APPRAISAL DOCUMENT

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|----------------------|--|
| Date 26 Sept 2018 | Please quote the document number on all future communications. |
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LLOYD'S REGISTER TYPE APPROVAL SYSTEM, 2002

Issued to: SENIOR FLEXONICS CANADA LTD.

For: FLEXIBLE METAL HOSE ASSEMBLIES (with variety of end connections)

**Types: SINGLE BRAIDED T316 SS HOSE C/W & SINGLE BRAIDED T321 SS HOSE
C/W (See Type Approval Certificate for size/connection details)
TYPE APPROVAL CERTIFICATE No. 18/60010**

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register Type Approval System, 2002 and this Design Appraisal Document forms part of the Certificate.

APPROVAL DOCUMENTATION

Application for Type Approval

Production Quality Assessment Form – PRJ11086681-2

Test Plan (Annexure I, II, & III) (stamped by LR site surveyor)

Dwg No. 1028233

Dwg No. 1027481

Dwg No. 1027482

Dwg No. 1027487

Dwg No. 1027484

Dwg No. 1027485

Dwg No. 1027486

Dwg No. 1027488

31 May 2018

11 Sept 2018

11 Sept 2018

Rev 0

Rev C

Rev C

Rev C

Rev C

Rev C

Rev C

Rev C

TEST REPORTS

Hydrostatic Test & Burst Pressure C.O. No. 93531 for Dwg. 1027481 & 1027482

Hydrostatic Test & Burst Pressure C.O. No. 93532 for Dwg. 1028233

Hydrostatic Test & Burst Pressure C.O. No. 93532 for Dwg. 1027487

Hydrostatic Test & Burst Pressure C.O. No. 93532 for Dwg. 1027484

Hydrostatic Test & Burst Pressure C.O. No. 93532 for Dwg. 1027485

Hydrostatic Test & Burst Pressure C.O. No. 93532 for Dwg. 1027486

Hydrostatic Test & Burst Pressure C.O. No. 93532 for Dwg. 1027488

11 Sept 2018

11 Sept 2018

19 Sept 2018

19 Sept 2018

19 Sept 2018

19 Sept 2018

19 Sept 2018

Supplementary Type Approval Terms and Conditions

Type Approval certifies that a representative sample of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein. It does not mean or imply approval for any other use, nor approval of any product(s) designed or manufactured otherwise than in strict conformity with the said representative sample.

Type Approval is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules and Regulations are complied with.

Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.

Lloyd's Register Canada Limited reserves the right to cancel or withdraw this Type Approval Certificate in accordance with the Lloyd's Register Type Approval System Procedure.

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