

Notified body No. 2812

## Certificate of Quality Assurance

**164.112/ERO2812/MED0492QA**

This is to certify that in compliance with the Council Directive 2014/90/EU of 23<sup>rd</sup> July 2014, on marine equipment and the Commission Implementing Regulation 2020/1170/EU of 16<sup>th</sup> July 2020, as amended, the product detailed below has been tested in accordance with the appropriate international instruments contained therein.

This certificate is issued to:

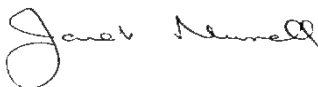
**AFS BORU SANAYI A.S**  
**İvedik Organize Sanayi Bölgesi,**  
**1468. Cadde No:153, Ostim 06370,**  
**Ankara,**  
**Turkey**

To certify also that a Surveyor representing Element Rotterdam did at their request attend at the works of AFS BORU SANAYI A.S, İvedik Organize Sanayi Bölgesi, 1468. Cadde No:153, Ostim 06370, Ankara, Turkey on 13<sup>th</sup> July 2016 and annually thereafter for the purpose of examining the production and factory production control systems for this product.

**Product Description** - **Non-insulated aluminium flexible air duct**  
**Product Type** - **Item Number MED/3.18f: Combustible Ducts**  
**Reference** - **“ALUAFS.F MARINE”**  
**Modules used** - **(D)**

The particulars of which are given on this certificate, to verify compliance with the requirements of the International Convention for the Safety of Life at Sea (SOLAS) 1974 Regulation II-2/3, II-2/5, II-2/9 and X/3.

This equipment is covered by the scope of the “Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment signed February 27th, 2004 and amended by Decision No.1/2018 dated February 18th, 2019. The manufacturer is allowed to affix the U.S. Coast Guard approval number 164.112/1121/WCLMED0492.



Janet Murrell  
Certification Manager - Marine

Date of issue: 2021-01-01  
Valid until: 2021-11-08

ERO project reference: **EROMED10004**  
ERO EC Distinguishing No. **2812**

Description of Product as Prototype Tested:

The product is constructed as described in the test reports referenced in the following certificate.

EC Type-Examination Certificate No.	Notified Body	Date of Issue
164.112/ERO2812/ MED0492TE	Element Materials Technology Rotterdam BV	2021-01-01
Regulation No	Testing Standard	Result
II-2/3, II-2/5, II-2/9 and X/3	IMO Resolution MSC.307(88) Annex 1, Part 5	Pass
	IMO Resolution MSC.307(88) Annex 1, Part 2	Deemed to Satisfy
		Smoke and Toxicity is satisfied by meeting the total heat release ( $Q_t$ ) and peak heat release ( $Q_p$ ) requirement as stated Paragraph 2.2 of Annex 2 to IMO Resolution MSC 307(88).
		WF 369722 25/08/16

Marking & Identification affixed to the product:

Manufacturer Name	AFS BORU SANAYI A.S.
Manufacturer Address	Ivedik Organize Sanayi Bölgesi 1468. Cadde No:153 OSTIM ANKARA
Product Reference	"ALUAFS.F MARINE"
Approved Authority	Element Materials Technology Rotterdam BV

Element Materials Technology Rotterdam BV  
Zekeringstraat  
1014 BV  
Amsterdam  
The Netherlands

ERO EC Distinguishing No. 2812