




**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF
MATERIALS
No. FAB006719XY**

This is to certify that the manufacture of the product identified below is in compliance with the applicable requirements of the RINA Rules for the Approval of Manufacturers of Materials.

<i>Description</i>	Seamless steel tubes and pipes in austenitic and austenitic-ferritic (duplex) stainless steel
<i>Type</i>	GRADES 304, 304L, 316, 316L, 321, UNS 31803, UNS 32205
<i>Manufacturer</i>	CENTRAVIS PRODUCTION UKRAINE PJSC
<i>Place of manufacture</i>	56, TRUBNIKOV AVENUE, NIKOPOL DNEPROPETROVSK REGION, 53201 UKRAINE
<i>Reference standards</i>	RINA Rules for the approval of manufacturers of materials

Issued in **Genoa** on **February 3, 2020**. *This Certificate is valid until* **December 16, 2024**




RINA Services S.p.A.
P.P. **Marius Fugaru**

This certificate consists of this page and 1 enclosure



CERTIFICATE OF APPROVAL OF MANUFACTURERS OF MATERIALS

No. FAB006719XY

Enclosure - Page 1 of 1

GRADES 304, 304L, 316, 316L, 321, UNS 31803, UNS 32205

APPROVAL CONDITIONS

Size range:

Steel grades: 304, 304L, 316, 316L, 321

Outside diameter, mm: 6.00 - 250.00

Wall Thickness, mm: 0.70 - 43.00

Steel grades: UNS 31803, UNS 32205

Outside diameter, mm: 12.00 - 219.10

Wall Thickness, mm: 0.70 - 23.01

Manufacturing process: Seamless, hot or cold finished

Heat treatment: Solution Heat Treated (solution annealing)

Survey conditions:

- The pipes are to be in compliance in all respects with the requirements specified in Part D Ch 2 Sec2 of the RINA Rules and are to be tested accordingly.

General conditions for the approval:

-The approval is granted on condition that the RINA Rules for the approval, manufacture, testing and certification of materials are complied with in all respects.

-RINA is to be notified of any change of materials, manufacturing process, quality control routines that may affect the validity of this certificate.



Genoa February 3, 2020

A handwritten signature in blue ink, appearing to read 'Luca...', is written over a large, light-colored, stylized arrow graphic that points downwards and to the right.