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Reg. No.	PED 00106	Valid since	2020-12-15
First issuance	2020-12-15	Last modification date	2021-07-31
Expiry date	2023-12-14		

## Certificate of assessment for materials according to All. I § 4.3 Directive 2014/68/EU (PED)

We attest that, on the basis of the results of the audits conducted, for the Organization :

### **FORONI S.p.A.**

#### **Registered Headquarters**

Via A. Colombo,285 – 21055 Gorla Minore (VA) – Italy

#### **Operative site**

Via A. Colombo,285 – 21055 Gorla Minore (VA) – Italy

the management system applied to

**Manufacture of stainless steels, duplex steels, heat-resistant alloys, nickel-base alloys and precipitation-hardening steels and alloys in the form of round, square and octagonal billets and bars, and discs for gas turbine and other applications, produced from forged ingots**

has been assessed and found to comply with the requirements specified in Directive 2014/68/EU All. I § 4.3 and in the standard EN 764-5:2014 with reference to the materials listed in Annex 1

This Certificate is subject to compliance with the contractual requirements of Kiwa Cermet Italia and is valid only for the materials listed in Annex1, that is an integral part of this certificate. The validity of this certificate is subject to the validity of the Certificate ISO 9001:2015 No. 10354990, issued by da Lloyd's Register Quality Assurance Italy, and is subject to periodic surveillance on the production and control conditions. Any changes in the scope of the quality management system without the prior approval of Kiwa Cermet Italia will automatically invalidate this certificate.

Further clarifications regarding the subject of this report can be obtained by consulting the holder of this certificate.

The liability for damage caused by product defects lies with the manufacturer.

This certificate cannot be reproduced or duplicated if not in its integral form.

This certificate is composed of No. 1 page

#### **Chief Operating Officer**

*Giampiero Belcredi*

**Kiwa Cermet Italia S.p.A.**  
**Società con socio unico,**  
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Organismo Notificato n. 0476

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Annex 1 to Certificate of assessment for materials All. I par. 4.3 Directive 2014/68/UE (PED)

**Type of materials:**

Round, square and octagonale billets and bars up to 1500 mm in thickness / diameter  
Discs for gas turbine and other applications up to 2000 mm in diameter

made in:

Austenitic stainless steels: ASTM A276, ASTM A479/479M, ASME SA-276, ASME SA-479/479M, EN 10088-3, EN 10095, EN 10272, SEW 470, NACE MR0175/ISO 15156-3

Duplex stainless steels: ASTM A276, ASTM A479/479M, ASME SA-276, ASME SA-479/SA-479M, EN 10088-3, EN 10272, NACE MR0175/ISO 15156-3

> Martensitic stainless steels: ASTM A276, ASTM A479/479M, ASTM A564/564M, ASTM A565/565M, ASME SA-276, ASME SA-479/SA-479M, ASME SA-564/SA-564M, EN 10088-3, EN 10272, NACE MR0175/ISO 15156-3, AMS 5643

Nickel-base superalloys: ASTM A453/453M, ASTM A638/638M, ASTM B160, ASTM B164, ASTM B166, ASTM B408, ASTM B425, ASTM B446, ASTM B473, ASTM B574, ASTM B581, ASTM B637, ASTM B649, ASTM B805, ASTM B865, ASME SA-453/SA-453M, ASME SA-638/SA-638M, ASME SB-160, ASME SB-164, ASME SB-166, ASME SB-408, ASME SB-425, ASME SB-446, ASME SB-473, ASME SB-574, ASME SB-581, ASME SB-637, ASME SB-649, EN 10088-3, EN 10095, EN 10272, SEW 470, NACE MR0175/ISO 15156-3, AMS 5662, AMS 5663, AMS 5666, DIN 17752, API 6A CRA

