

Declaration of Performance (DoP)

Document in accordance with the regulation (UE) n° 305/2011

n° INOXIARC 316 LR

Type: **INOXIARC 316 LR**

Intended use: electric arc welding electrode used in metallic structures or in composite metal according to EN 13479 and EN ISO 3581-A.

The manufacturer: SIDERARCO S.p.A.
Via Murello 11, 12030 Polonghera (CN)
ITALY

Assessment system and verification of constant performance of the product: 2+

notify authority: RINA Services S.p.A. (identification number **0474**)
which has issued compliance certificate of the factory production control (FPC), based on initial type tests and regular inspections.

Declared performance:

Harmonized standard EN 13479 – 2017 Annex ZA


The product is classified according to **EN ISO 3581-A- E 19 12 3 LR 32**
with the following essential characteristics (table 2):

Chemical composition – unit %{m/m} (clause 4 harmonized standard):
C:0,04 max. **Si:**1,2 max. **Mn:**2,0 max. **P:**0,030 max. **S:**0,025 max. **Cr:**from 17,0 to 20,0
Ni:from 10,0 to 13,0 **Mo:**from 2,5 to 3,0 **Cu:**0,75 max.

The performance of the above identified product is in conformity with what has been declared.

The present performance declaration is issued under the sole responsibility of the manufacturer SIDERARCO S.p.A.

Polonghera 25/03/2021, in the name and on behalf of the manufacturer



Caterina Pedarra, Quality Assurance

Ed.: 3rd of 25/03/2021