



Allegato CSACI al Certificato di Accreditazione 0130ISP
Annex CSACI to the Accreditation Certificate 0130ISP

RILASCIATO A
ISSUED TO **O.R.A.T. S.r.l.**

REVISIONE **003** DATA DI REVISIONE **29-02-2024** DATA DI SCADENZA **06-07-2028**
REVISION **003** REVIEW DATE **29-02-2024** EXPIRY DATE **06-07-2028**

Ispezione di Tipo C nei seguenti settori:

Field	Subfield	Range	Stage
Materiali metallici	Prodotti saldati	Controlli non distruttivi (Metodi: VT, MT, PT, RT, UT, PAUT, AUT, SPESSIMETRIE, PMI)	- Prima della messa in servizio - In esercizio
<p>Requirements</p> <p><u>GENERALI</u> EN ISO 5817:2023 EN 12732:2022 ASME V:2021 UNI EN 17635:2017 ASME B31.3:2020 ASME B31.8:2020 API 1104:2021 API 5L:2018 DNVGL-OS-F101:2017</p> <p><u>RT - RADIOGRAPHIC TESTING</u> EN ISO 17636-1:2022 UNI EN ISO 17636-2:2023 UNI EN ISO 16371-1:2011 UNI EN 14784-1:2006 UNI EN ISO 16371-2:2017 UNI EN ISO 10675-1:2022 UNI EN ISO 10675-2:2022 UNI EN ISO 10893-6:2019 UNI EN ISO 10893-7:2019</p> <p><u>UT - ULTRASONIC TESTING</u> EN ISO 17640:2019 UNI EN ISO 16827:2014 UNI EN ISO 11666:2018 UNI EN ISO 23279:2017 UNI EN ISO 22825:2017 ASTM E114:2021 UNI EN ISO 16810-2014 UNI EN ISO 10893-8:2020 UNI EN ISO 10893-9:2020</p> <p><u>UT MECCANIZZATI / AUTOMATICI - MECHANIZED/AUTOMATED ULTRASONIC TESTING PHASED ARRAY</u> EN ISO 10863:2020 EN ISO 13588:2019 ASTM E2700:2020 ASTM E1961:2016 UNI EN ISO 15626-2018 UNI EN ISO 20601:2019</p>			

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REVISION *REVIEW DATE* *EXPIRY DATE*

UNI EN ISO 19285-2017
UNI EN ISO 10893-10:2020
UNI EN ISO 10893-11:2020

MT - MAGNETIC PARTICLE TESTING

EN ISO 17638:2016
EN ISO 9934-1:2017
UNI EN ISO 23278-2015

PT- PENETRANT TESTING

EN ISO 3452-1:2021
EN ISO 3452-5:2009
EN ISO 3452-6:2009
UNI EN ISO 23277:2015

VT - VISUAL TESTING

EN ISO 17637:2017
UNI EN ISO 13018-2016

SPESSIMETRIE - THICKNESS MEASUREMENT

EN ISO 16809:2019
ASTM E797-21:2021
UNI EN ISO 10893-12:2020

PMI - POSITIVE MATERIAL IDENTIFICATION

ASTM E 1476:04 (Reapproved 2022)



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Inspection of Type C in the following sectors:

Field	Subfield	Range	Stage
Metallic materials	Welded products	Nondestructive controls (Methods: VT, MT, PT, RT, UT, PAUT, AUT, THICKNESS GAUGES, PMI)	- Before Commissioning - In service

Requirements

GENERALS

EN ISO 5817:2023
EN 12732:2022
ASME V:2021
UNI EN 17635:2017
ASME B31.3:2020
ASME B31.8:2020
API 1104:2021
API 5L:2018
DNVGL-OS-F101:2017

RT - RADIOGRAPHIC TESTING

EN ISO 17636-1:2022
UNI EN ISO 17636-2:2023
UNI EN ISO 16371-1:2011
UNI EN 14784-1:2006
UNI EN ISO 16371-2:2017
UNI EN ISO 10675-1:2022
UNI EN ISO 10675-2:2022
UNI EN ISO 10893-6:2019
UNI EN ISO 10893-7:2019

UT - ULTRASONIC TESTING

EN ISO 17640:2019
UNI EN ISO 16827:2014
UNI EN ISO 11666:2018
UNI EN ISO 23279:2017
UNI EN ISO 22825:2017
ASTM E114:2021
UNI EN ISO 16810-2014
UNI EN ISO 10893-8:2020
UNI EN ISO 10893-9:2020

UT MECCANIZZATI / AUTOMATICI - MECHANIZED/AUTOMATED ULTRASONIC TESTING PHASED ARRAY

EN ISO 10863:2020
EN ISO 13588:2019
ASTM E2700:2020
ASTM E1961:2016
UNI EN ISO 15626-2018
UNI EN ISO 20601:2019



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