

REPORT UTM 2025

DENOMINAZIONE UNITÀ: **M/V PLUTUS**
OGGETTO: **RILIEVI SPESSIMETRICI**

LUOGO: **TERMINI IMERESE (PA)**

DATA: **08/05/25 - 04/06/25**





Reporting and Analysis of Thickness
Measurement Data-2.2.0



M/V PLUTUS

Print-out date:
06/06/2025



Thickness Measurement Report



M/V PLUTUS



Revision	
Author	gabriele
Date	06/06/2025
Notes	<p>Color codes used in this document:</p> <ul style="list-style-type: none"> • ■ (RED) = Subject to Renewal • ■ (YELLOW) = Suspect • ■ (ORANGE) = Data to be checked - could be incomplete or inconsistent



	M/V PLUTUS	Print-out date: 06/06/2025
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Thickness Measurement Report - Survey General Data

Field	Symbol	Unit	Value	Remarks
Ship Identification				
Ship Name			MV PLUTUS	
RI Number				
Ship Builder				
IMO Number			9132519	
Ship Flag				
File Number				
Contract Date			sab gen 1 2000	
Ship Data				
Ship Length	L	[m]	0.000	
Service Notation			Dry Cargo/General Cargo Ship	
Material Yield Strength at Deck	$R_{eH,DECK}$	[N/mm ²]	235.000	
Spacing of Longitudinals at Deck		[m]	0.000	
Material Yield Strength at Bottom	$R_{eH,BOTTOM}$	[N/mm ²]	235.000	
Spacing of Longitudinals at Bottom		[m]	0.000	
Reserve Thickness	$t_{RESERVE}$	[mm]	0.500	
Survey Info				
Survey Location			TERMINI IMERESE (PA)	
Thickness Measurements Carried Out From - To			gio mag 8 2025 - mer giu 4 2025	
Operator's Name			G. SCRIVANO	
Operator's Company			INSPECTIONSLAB SRL	
Surveyor's Name			A. DE CARO	
Notes				

	<h2>M/V PLUTUS</h2>	<p>Print-out date: 06/06/2025</p>
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Thickness Measurement Report - Worksheet Contents

TM1-G - All Deck Plating, All Bottom Shell Plating or Side Shell Plating	
Ship's name and RINA number	M/V PLUTUS, RI:
LIST OF TABLES IN WORKSHEET	
Table	Description
FASCIAME DEL FONDO sez. FR. 45-50	
FASCIAME DEL FONDO sez. FR. 85-90	
FASCIAME DEL FONDO sez. FR. 140-145	
BAGNASCIUGA - pag. 1	
BAGNASCIUGA - pag. 2	
COPERTINO STIVA 4	
COPERTINO STIVA 3	
COPERTINO STIVA 2	
COPERTINO STIVA 1	
POSTO DI MANOVRA DI POPPA	
POSTO DI MANOVRA DI PRUA	
11 table(s) in worksheet	
Operator	G. SCRIVANO (RINA Surveyor) A. DE CARO

	<h2 style="margin: 0;">M/V PLUTUS</h2>	Print-out date: <h3 style="margin: 0;">06/06/2025</h3>
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Thickness Measurement Report - TM1

THICKNESS MEASUREMENT OF ALL DECK PLATING / ALL BOTTOM SHELL PLATING / ALL SIDE PLATING

Ship's name and RINA number		M/V PLUTUS, RI:								Sheet	1	of	11					
STRAKE POSITION	<i>FASCIAME DEL FONDO sez. FR. 45-50 (Deck, Bottom, Side. To be used accordingly before putting strake position)</i>																	
PLATE POSITION	Frames N° or letter Ordinate	Original thickn. [mm]	Rule thickn.* [mm]	FORWARD READINGS						AFT READINGS						Mean diminution		Maximum allowable dimin. [mm]
				Gauged thickness		Diminution		Gauged thickness		Diminution		P	S					
				P	S	P	S	P	S	P	S	P	S					
Not set	1	12.50	12.50	12.07	12.53	0.43	3.47	0.00	0.00							0.43	0.00	2.50
Not set	2	12.50	12.50	11.87	13.03	0.63	5.07	0.00	0.00							0.63	0.00	2.50
Not set	3	12.50	12.50	11.63	12.07	0.87	6.93	0.43	3.47							0.87	0.43	2.50
Not set	4	12.50	12.50	11.90	12.33	0.60	4.80	0.17	1.33							0.60	0.17	2.50
Not set	5	12.50	12.50	11.93	12.07	0.57	4.53	0.43	3.47							0.57	0.43	2.50
Not set	6	12.50	12.50	11.93	11.83	0.57	4.53	0.67	5.33							0.57	0.67	2.50
Not set	7	12.50	12.50	12.63	11.97	0.00	0.00	0.53	4.27							0.00	0.53	2.50
Not set	8	12.50	12.50	12.43	12.23	0.07	0.53	0.27	2.13							0.07	0.27	2.50
Not set	9	12.50	12.50	11.87	12.43	0.63	5.07	0.07	0.53							0.63	0.07	2.50
Not set	10	12.50	12.50	12.03	12.37	0.47	3.73	0.13	1.07							0.47	0.13	2.50
Not set	11	12.50	12.50	12.07	12.27	0.43	3.47	0.23	1.87							0.43	0.23	2.50
Not set	12	12.50	12.50	12.13	12.37	0.37	2.93	0.13	1.07							0.37	0.13	2.50
Not set	13	12.50	12.50	11.80	11.80	0.70	5.60	0.70	5.60							0.70	0.70	2.50
Operator	G. SCRIVANO									RINA Surveyor			A. DE CARO					

* Rule thickness t_{RULE} is used for calculations. If not available, it is assumed equal to original thickness t_{AB} .

* If $t_{RULE} = t_{AB}$, only fill t_{AB} .

	<h2 style="margin: 0;">M/V PLUTUS</h2>	Print-out date: <b style="font-size: 1.2em;">06/06/2025
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Thickness Measurement Report - TM1

THICKNESS MEASUREMENT OF ALL DECK PLATING / ALL BOTTOM SHELL PLATING / ALL SIDE PLATING

Ship's name and RINA number		M/V PLUTUS, RI:								Sheet	2	of	11					
STRAKE POSITION	FASCIAME DEL FONDO sez. FR. 85-90 (Deck, Bottom, Side. To be used accordingly before putting strake position)																	
PLATE POSITION	Frames N° or letter Ordinate	Original thickn. [mm]	Rule thickn.* [mm]	FORWARD READINGS						AFT READINGS						Mean diminution		Maximum allowable dimin. [mm]
				Gauged thickness		Diminution		Gauged thickness		Diminution		P	S					
				P	S	P	S	P	S	P	S	P	S					
				[mm]	[mm]	[mm]	[%]	[mm]	[%]	[mm]	[mm]	[mm]	[%]	[mm]	[%]	[mm]	[mm]	
Not set	1	12.50	12.50	12.13	12.37	0.37	2.93	0.13	1.07							0.37	0.13	2.50
Not set	2	12.50	12.50	12.27	13.03	0.23	1.87	0.00	0.00							0.23	0.00	2.50
Not set	3	12.50	12.50	11.93	12.07	0.57	4.53	0.43	3.47							0.57	0.43	2.50
Not set	4	12.50	12.50	12.00	11.77	0.50	4.00	0.73	5.87							0.50	0.73	2.50
Not set	5	12.50	12.50	11.70	11.77	0.80	6.40	0.73	5.87							0.80	0.73	2.50
Not set	6	12.50	12.50	12.07	12.03	0.43	3.47	0.47	3.73							0.43	0.47	2.50
Not set	7	12.50	12.50	11.97	12.30	0.53	4.27	0.20	1.60							0.53	0.20	2.50
Not set	8	12.50	12.50	11.87	11.97	0.63	5.07	0.53	4.27							0.63	0.53	2.50
Not set	9	12.50	12.50	11.87	11.80	0.63	5.07	0.70	5.60							0.63	0.70	2.50
Not set	10	12.50	12.50	11.70	11.70	0.80	6.40	0.80	6.40							0.80	0.80	2.50
Not set	11	12.50	12.50	12.30	11.70	0.20	1.60	0.80	6.40							0.20	0.80	2.50
Not set	12	12.50	12.50	12.07	11.93	0.43	3.47	0.57	4.53							0.43	0.57	2.50
Not set	13	12.50	12.50	12.07	12.07	0.43	3.47	0.43	3.47							0.43	0.43	2.50
Operator	G. SCRIVANO									RINA Surveyor				A. DE CARO				

* Rule thickness t_{RULE} is used for calculations. If not available, it is assumed equal to original thickness t_{AB} .

* If $t_{RULE} = t_{AB}$, only fill t_{AB} .

	<h2 style="margin:0;">M/V PLUTUS</h2>	Print-out date: <b style="font-size: 1.2em;">06/06/2025
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Thickness Measurement Report - TM1

THICKNESS MEASUREMENT OF ALL DECK PLATING / ALL BOTTOM SHELL PLATING / ALL SIDE PLATING

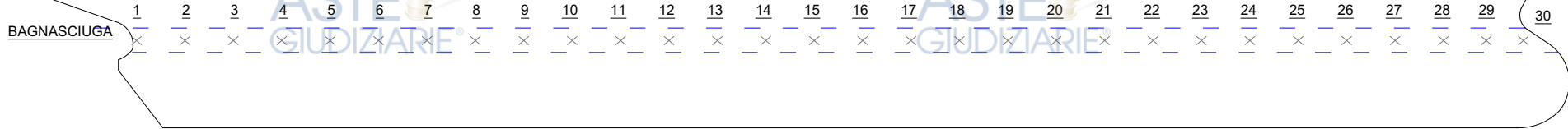
Ship's name and RINA number		M/V PLUTUS, RI:								Sheet	3	of	11					
STRAKE POSITION	FASCIAME DEL FONDO sez. FR. 140-145 (Deck, Bottom, Side. To be used accordingly before putting strake position)																	
PLATE POSITION	Frames N° or letter Ordinate	Original thickn. [mm]	Rule thickn.* [mm]	FORWARD READINGS						AFT READINGS						Mean diminution		Maximum allowable dimin. [mm]
				Gauged thickness		Diminution		Gauged thickness		Diminution		P	S					
				P	S	P	S	P	S	P	S	P	S					
Not set	1	16.00	16.00	14.93	15.60	1.07	6.67	0.40	2.50							1.07	0.40	3.20
Not set	2	18.00	18.00	18.40	18.00	0.00	0.00	0.00	0.00							0.00	0.00	3.60
Not set	3	18.00	18.00	17.90	17.93	0.10	0.56	0.07	0.37							0.10	0.07	3.60
Not set	4	18.00	18.00	18.00	17.60	0.00	0.00	0.40	2.22							0.00	0.40	3.60
Not set	5	18.00	18.00	17.97	18.13	0.03	0.19	0.00	0.00							0.03	0.00	3.60
Not set	6	18.00	18.00	17.73	17.97	0.27	1.48	0.03	0.19							0.27	0.03	3.60
Not set	7	18.00	18.00	17.93	18.67	0.07	0.37	0.00	0.00							0.07	0.00	3.60
Not set	8	18.00	18.00	17.70	18.33	0.30	1.67	0.00	0.00							0.30	0.00	3.60
Not set	9	12.50	12.50	11.90	12.23	0.60	4.80	0.27	2.13							0.60	0.27	2.50
Not set	10	12.50	12.50	11.87	11.90	0.63	5.07	0.60	4.80							0.63	0.60	2.50
Not set	11	12.50	12.50	12.07	11.97	0.43	3.47	0.53	4.27							0.43	0.53	2.50
Not set	12	12.50	12.50	12.00	11.80	0.50	4.00	0.70	5.60							0.50	0.70	2.50
Operator	G. SCRIVANO								RINA Surveyor				A. DE CARO					

* Rule thickness t_{RULE} is used for calculations. If not available, it is assumed equal to original thickness t_{AB} .

* If $t_{RULE} = t_{AB}$, only fill t_{AB} .

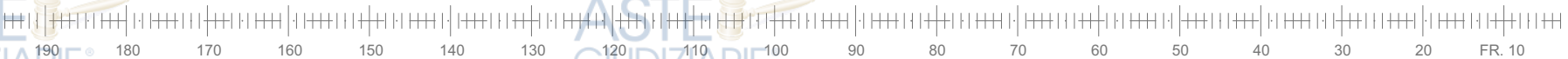
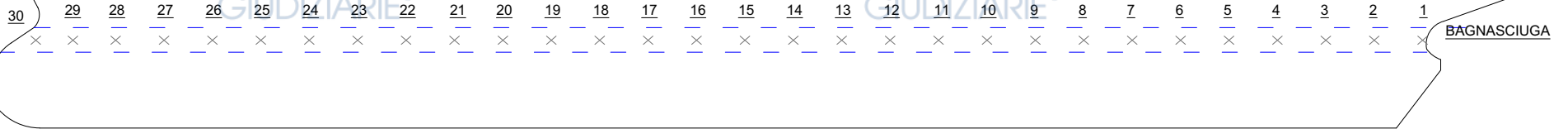
FASCIAME LATERALE DX

PRUA →



← PRUA


FASCIAME LATERALE SN



SPESSORE NOMINALE PRESUNTO

- FR. 9 ÷ 50: 14,0 mm
- FR. 50 ÷ 150: 12,5 mm
- FR. 150 ÷ 190: 16,0 mm
- FR. 190 ÷ 195: 25,0 mm

UTM REPORT - MV "PLUTUS"	
F. LATERALE - "BAGNASCIUGA"	
MAG. 2025	INSPECTIONSLAB SRL

	<p>M/V PLUTUS</p>	<p>Print-out date: 06/06/2025</p>
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Thickness Measurement Report - TM1

THICKNESS MEASUREMENT OF ALL DECK PLATING / ALL BOTTOM SHELL PLATING / ALL SIDE PLATING

Ship's name and RINA number		MV PLUTUS, RI:								Sheet	4	of	11					
STRAKE POSITION	BAGNASCIUGA - pag. 1 (Deck, Bottom, Side. To be used accordingly before putting strake position)																	
PLATE POSITION	Frames N° or letter Ordinate	Original thckn. [mm]	Rule thckn. [mm]	FORWARD READINGS						AFT READINGS						Mean diminution		Maximum allowable dimin. [mm]
				Gauged thickness		Diminution				Gauged thickness		Diminution				P	S	
				P [mm]	S [mm]	P [mm]	S [mm]	P [%]	S [%]	P [mm]	S [mm]	P [mm]	S [mm]	P [%]	S [%]	P [mm]	S [mm]	
Not set	1	14.00	14.00							13.40	13.70	0.60	4.29	0.30	2.14	0.60	0.30	2.80
Not set	2	14.00	14.00							13.50	12.90	0.50	3.57	1.10	7.86	0.50	1.10	2.80
Not set	3	14.00	14.00							13.50	13.40	0.50	3.57	0.60	4.29	0.50	0.60	2.80
Not set	4	14.00	14.00							13.60	13.20	0.40	2.86	0.80	5.71	0.40	0.80	2.80
Not set	5	14.00	14.00							13.20	12.90	0.80	5.71	1.10	7.86	0.80	1.10	2.80
Not set	6	14.00	14.00							12.90	13.30	1.10	7.86	0.70	5.00	1.10	0.70	2.80
Not set	7	14.00	14.00							13.20	13.50	0.80	5.71	0.50	3.57	0.80	0.50	2.80
Not set	8	12.50	12.50							12.30	12.50	0.20	1.60	0.00	0.00	0.20	0.00	2.50
Not set	9	12.50	12.50							12.50	12.20	0.00	0.00	0.30	2.40	0.00	0.30	2.50
Not set	10	12.50	12.50							12.20	12.40	0.30	2.40	0.10	0.80	0.30	0.10	2.50
Not set	11	12.50	12.50							12.50	12.30	0.00	0.00	0.20	1.60	0.00	0.20	2.50
Not set	12	12.50	12.50							12.40	12.10	0.10	0.80	0.40	3.20	0.10	0.40	2.50
Not set	13	12.50	12.50							12.20	12.40	0.30	2.40	0.10	0.80	0.30	0.10	2.50
Not set	14	12.50	12.50							10.70	11.90	1.80	14.40	0.60	4.80	1.80	0.60	2.50
Not set	15	12.50	12.50							12.10	12.20	0.40	3.20	0.30	2.40	0.40	0.30	2.50
Not set	16	12.50	12.50	12.50	12.40	0.00	0.00	0.10	0.80							0.00	0.10	2.50
Not set	17	12.50	12.50	12.10	12.30	0.40	3.20	0.20	1.60							0.40	0.20	2.50
Not set	18	12.50	12.50	12.50	12.30	0.00	0.00	0.20	1.60							0.00	0.20	2.50
Not set	19	12.50	12.50	12.50	12.40	0.00	0.00	0.10	0.80							0.00	0.10	2.50
Not set	20	12.50	12.50	12.00	11.80	0.50	4.00	0.70	5.60							0.50	0.70	2.50
Not set	21	12.50	12.50	12.00	12.20	0.50	4.00	0.30	2.40							0.50	0.30	2.50
Not set	22	12.50	12.50	11.70	12.30	0.80	6.40	0.20	1.60							0.80	0.20	2.50
Not set	23	12.50	12.50	12.40	12.20	0.10	0.80	0.30	2.40							0.10	0.30	2.50
Not set	24	16.00	16.00	15.30	15.50	0.70	4.37	0.50	3.12							0.70	0.50	3.20
Not set	25	16.00	16.00	15.50	15.20	0.50	3.12	0.80	5.00							0.50	0.80	3.20
Operator	G. SCRIVANO								RINA Surveyor				A. DE CARO					

* Rule thickness t_{RULE} is used for calculations. If not available, it is assumed equal to original thickness t_{AB} .

* If $t_{RULE} = t_{AB}$, only fill t_{AB} .

	<h2 style="margin: 0;">M/V PLUTUS</h2>	Print-out date: <b style="font-size: 1.2em;">06/06/2025
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Thickness Measurement Report - TM1

THICKNESS MEASUREMENT OF ALL DECK PLATING / ALL BOTTOM SHELL PLATING / ALL SIDE PLATING

Ship's name and RINA number		M/V PLUTUS, RI:								Sheet	5	of	11					
STRAKE POSITION	<i>BAGNASCIUGA - pag. 2 (Deck, Bottom, Side. To be used accordingly before putting strake position)</i>																	
PLATE POSITION	Frames N° or letter Ordinate	Original thickn. [mm]	Rule thickn.* [mm]	FORWARD READINGS						AFT READINGS						Mean diminution		Maximum allowable dimin. [mm]
				Gauged thickness		Diminution		Gauged thickness		Diminution		P	S					
				P	S	P	S	P	S	P	S							
		[mm]	[mm]	[mm]	[mm]	[mm]	[%]	[mm]	[%]	[mm]	[mm]	[mm]	[%]	[mm]	[%]	[mm]	[mm]	
Not set	26	16.00	16.00	13.90	14.50	2.10	13.12	1.50	9.38							2.10	1.50	3.20
Not set	27	16.00	16.00	15.20	14.70	0.80	5.00	1.30	8.13							0.80	1.30	3.20
Not set	28	16.00	16.00	14.60	15.00	1.40	8.75	1.00	6.25							1.40	1.00	3.20
Not set	29	16.00	16.00	15.80	15.60	0.20	1.25	0.40	2.50							0.20	0.40	3.20
Not set	30	25.00	25.00	24.80	22.30	0.20	0.80	2.70	10.80							0.20	2.70	5.00
Operator	G. SCRIVANO									RINA Surveyor				A. DE CARO				

* Rule thickness t_{RULE} is used for calculations. If not available, it is assumed equal to original thickness t_{AB} .

* If $t_{RULE} = t_{AB}$, only fill t_{AB} .

sez. FR. 50 - 51

sez. FR. 60 - 61

sez. FR. 70 - 71

ASTE GIUDIZIARIE®
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5

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ASTE GIUDIZIARIE®
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ASTE GIUDIZIARIE®

ASTE GIUDIZIARIE®

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ASTE GIUDIZIARIE®
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ASTE GIUDIZIARIE®
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ASTE GIUDIZIARIE®

ASTE GIUDIZIARIE®

FR. 45

FR. 50

FR. 55

FR. 60

FR. 65

FR. 70

FR. 74

SPESSORE NOMINALE PRESUNTO: 18,0 mm

ASTE GIUDIZIARIE®

ASTE GIUDIZIARIE®

UTM REPORT - MV "PLUTUS"

COPERTINO STIVA Nr. 4

MAG. 2025

INSPECTIONSLAB SRL

	<h2 style="margin:0;">M/V PLUTUS</h2>	Print-out date: <b style="font-size: 1.2em;">06/06/2025
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Thickness Measurement Report - TM1

THICKNESS MEASUREMENT OF ALL DECK PLATING / ALL BOTTOM SHELL PLATING / ALL SIDE PLATING

Ship's name and RINA number				M/V PLUTUS, RI:						Sheet	6	of	11					
STRAKE POSITION	COPERTINO STIVA 4 (Deck, Bottom, Side. To be used accordingly before putting strake position)																	
PLATE POSITION	Frames N° or letter Ordinate	Original thickn. [mm]	Rule thickn.* [mm]	FORWARD READINGS						AFT READINGS						Mean diminution		Maximum allowable dimin. [mm]
				Gauged thickness		Diminution		Gauged thickness		Diminution		P	S					
				P	S	P	S	P	S	P	S	P	S					
				[mm]	[mm]	[mm]	[%]	[mm]	[%]	[mm]	[mm]	[mm]	[%]	[mm]	[%]	[mm]	[mm]	
FR 50-51	1	18.00	18.00		17.50			0.50	2.78							0.00	0.50	3.60
FR 50-51	2	18.00	18.00		17.70			0.30	1.67							0.00	0.30	3.60
FR 50-51	3	18.00	18.00		17.40			0.60	3.33							0.00	0.60	3.60
FR 50-51	4	18.00	18.00	17.60		0.40	2.22									0.40	0.00	3.60
FR 50-51	5	18.00	18.00	17.20		0.80	4.44									0.80	0.00	3.60
FR 60-61	1	18.00	18.00		17.10			0.90	5.00							0.00	0.90	3.60
FR 60-61	2	18.00	18.00		17.80			0.20	1.11							0.00	0.20	3.60
FR 60-61	3	18.00	18.00		17.50			0.50	2.78							0.00	0.50	3.60
FR 60-61	4	18.00	18.00	16.50		1.50	8.33									1.50	0.00	3.60
FR 60-61	5	18.00	18.00	17.50		0.50	2.78									0.50	0.00	3.60
FR 70-71	1	18.00	18.00		17.00			1.00	5.56							0.00	1.00	3.60
FR 70-71	2	18.00	18.00		18.00			0.00	0.00							0.00	0.00	3.60
FR 70-71	3	18.00	18.00		18.00			0.00	0.00							0.00	0.00	3.60
FR 70-71	4	18.00	18.00	17.80		0.20	1.11									0.20	0.00	3.60
FR 70-71	5	18.00	18.00	17.90		0.10	0.56									0.10	0.00	3.60
Operator	G. SCRIVANO								RINA Surveyor				A. DE CARO					

* Rule thickness t_{RULE} is used for calculations. If not available, it is assumed equal to original thickness t_{AB} .

* If $t_{RULE} = t_{AB}$, only fill t_{AB} .

sez. FR. 80 - 81

sez. FR. 90 - 91

sez. FR. 100 - 101

ASTE GIUDIZIARIE®
×
5

ASTE GIUDIZIARIE®
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4

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4

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FR. 75

FR. 80

FR. 85

FR. 90

FR. 95

FR. 100

FR. 104

SPESSORE NOMINALE PRESUNTO: 18,0 mm

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UTM REPORT - MV "PLUTUS"

COPERTINO STIVA Nr. 3

MAG. 2025

INSPECTIONSLAB SRL

	<h2 style="margin: 0;">M/V PLUTUS</h2>	Print-out date: <b style="font-size: 1.2em;">06/06/2025
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Thickness Measurement Report - TM1

THICKNESS MEASUREMENT OF ALL DECK PLATING / ALL BOTTOM SHELL PLATING / ALL SIDE PLATING

Ship's name and RINA number				M/V PLUTUS, RI:						Sheet	7	of	11					
STRAKE POSITION	COPERTINO STIVA 3 (Deck, Bottom, Side. To be used accordingly before putting strake position)																	
PLATE POSITION	Frames N° or letter Ordinate	Original thickn. [mm]	Rule thickn.* [mm]	FORWARD READINGS						AFT READINGS						Mean diminution		Maximum allowable dimin. [mm]
				Gauged thickness		Diminution		Gauged thickness		Diminution		P	S					
				P	S	P	S	P	S	P	S							
[mm]	[mm]	[mm]	[mm]	[mm]	[%]	[mm]	[%]	[mm]	[mm]	[mm]	[%]	[mm]	[%]	[mm]	[mm]			
FR 80-81	1	18.00	18.00		17.50			0.50	2.78							0.00	0.50	3.60
FR 80-81	2	18.00	18.00		17.80			0.20	1.11						0.00	0.20	3.60	
FR 80-81	3	18.00	18.00		17.50			0.50	2.78						0.00	0.50	3.60	
FR 80-81	4	18.00	18.00	18.40		0.00	0.00								0.00	0.00	3.60	
FR 80-81	5	18.00	18.00	18.40		0.00	0.00								0.00	0.00	3.60	
FR 90-91	1	18.00	18.00		17.60			0.40	2.22						0.00	0.40	3.60	
FR 90-91	2	18.00	18.00		18.50			0.00	0.00						0.00	0.00	3.60	
FR 90-91	3	18.00	18.00		18.30			0.00	0.00						0.00	0.00	3.60	
FR 90-91	4	18.00	18.00	17.80		0.20	1.11								0.20	0.00	3.60	
FR 90-91	5	18.00	18.00	17.80		0.20	1.11								0.20	0.00	3.60	
FR 100-101	1	18.00	18.00		17.50			0.50	2.78						0.00	0.50	3.60	
FR 100-101	2	18.00	18.00		17.80			0.20	1.11						0.00	0.20	3.60	
FR 100-101	3	18.00	18.00		18.30			0.00	0.00						0.00	0.00	3.60	
FR 100-101	4	18.00	18.00	18.30		0.00	0.00								0.00	0.00	3.60	
FR 100-101	5	18.00	18.00	17.40		0.60	3.33								0.60	0.00	3.60	
Operator	G. SCRIVANO								RINA Surveyor				A. DE CARO					

* Rule thickness t_{RULE} is used for calculations. If not available, it is assumed equal to original thickness t_{AB} .

* If $t_{RULE} = t_{AB}$, only fill t_{AB} .

sez. FR. 110 - 111

sez. FR. 120 - 121

sez. FR. 130 - 131

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FR. 105

FR. 110

FR. 115

FR. 120

FR. 125

FR. 130

FR. 134

SPESSORE NOMINALE PRESUNTO: 18,0 mm

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UTM REPORT - MV "PLUTUS"

COPERTINO STIVA Nr. 2

MAG. 2025

INSPECTIONSLAB SRL

	<h2 style="margin:0;">M/V PLUTUS</h2>	Print-out date: <b style="font-size: 1.2em;">06/06/2025
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Thickness Measurement Report - TM1

THICKNESS MEASUREMENT OF ALL DECK PLATING / ALL BOTTOM SHELL PLATING / ALL SIDE PLATING

Ship's name and RINA number		M/V PLUTUS, RI:								Sheet	8	of	11					
STRAKE POSITION	COPERTINO STIVA 2 (Deck, Bottom, Side. To be used accordingly before putting strake position)																	
PLATE POSITION	Frames N° or letter Ordinate	Original thickn. [mm]	Rule thickn.* [mm]	FORWARD READINGS						AFT READINGS						Mean diminution		Maximum allowable dimin. [mm]
				Gauged thickness		Diminution		Gauged thickness		Diminution		P	S					
				P [mm]	S [mm]	P [mm]	S [%]	P [mm]	S [mm]	P [mm]	S [%]	P [mm]	S [mm]					
FR 110-111	1	18.00	18.00		17.60		0.40	2.22								0.00	0.40	3.60
FR 110-111	2	18.00	18.00		18.10		0.00	0.00								0.00	0.00	3.60
FR 110-111	3	18.00	18.00		18.10		0.00	0.00								0.00	0.00	3.60
FR 110-111	4	18.00	18.00	18.00		0.00	0.00									0.00	0.00	3.60
FR 110-111	5	18.00	18.00	17.10		0.90	5.00									0.90	0.00	3.60
FR 120-121	1	18.00	18.00		17.70		0.30	1.67								0.00	0.30	3.60
FR 120-121	2	18.00	18.00		18.00		0.00	0.00								0.00	0.00	3.60
FR 120-121	3	18.00	18.00		17.90		0.10	0.56								0.00	0.10	3.60
FR 120-121	4	18.00	18.00	18.00		0.00	0.00									0.00	0.00	3.60
FR 120-121	5	18.00	18.00	17.80		0.20	1.11									0.20	0.00	3.60
FR 130-131	1	18.00	18.00		17.70		0.30	1.67								0.00	0.30	3.60
FR 130-131	2	18.00	18.00		18.00		0.00	0.00								0.00	0.00	3.60
FR 130-131	3	18.00	18.00		17.30		0.70	3.89								0.00	0.70	3.60
FR 130-131	4	18.00	18.00	17.30		0.70	3.89									0.70	0.00	3.60
FR 130-131	5	18.00	18.00	17.60		0.40	2.22									0.40	0.00	3.60
Operator	G. SCRIVANO								RINA Surveyor				A. DE CARO					

* Rule thickness t_{RULE} is used for calculations. If not available, it is assumed equal to original thickness t_{AB} .

* If $t_{RULE} = t_{AB}$, only fill t_{AB} .

sez. FR. 140 - 141

sez. FR. 150 - 151

sez. FR. 160 - 161

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FR. 135

FR. 140

FR. 145

FR. 150

FR. 155

FR. 160

FR. 164

SPESSORE NOMINALE PRESUNTO: 18,0 mm

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UTM REPORT - MV "PLUTUS"

COPERTINO STIVA Nr. 1

MAG. 2025

INSPECTIONSLAB SRL

	<h2 style="margin: 0;">M/V PLUTUS</h2>	Print-out date: <h3 style="margin: 0;">06/06/2025</h3>
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Thickness Measurement Report - TM1

THICKNESS MEASUREMENT OF ALL DECK PLATING / ALL BOTTOM SHELL PLATING / ALL SIDE PLATING

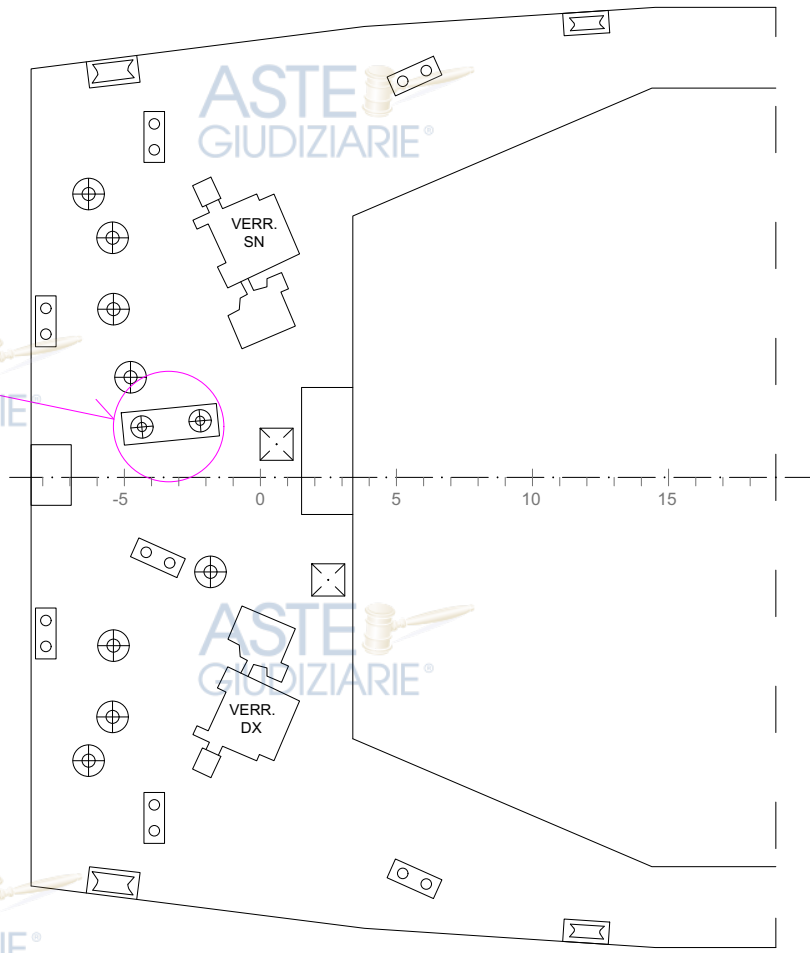
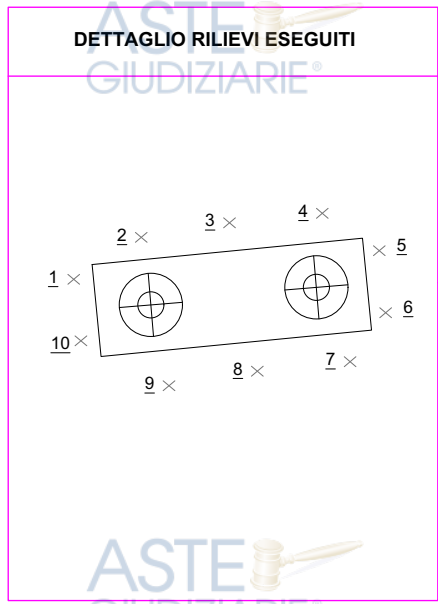
Ship's name and RINA number				M/V PLUTUS, RI:						Sheet	9	of	11						
STRAKE POSITION	COPERTINO STIVA 1 (Deck, Bottom, Side. To be used accordingly before putting strake position)																		
PLATE POSITION	Frames N° or letter Ordinate	Original thickn. [mm]	Rule thickn.* [mm]	FORWARD READINGS						AFT READINGS						Mean diminution		Maximum allowable dimin. [mm]	
				Gauged thickness		Diminution		Gauged thickness		Diminution		P	S						
				P [mm]	S [mm]	P [mm]	S [%]	P [mm]	S [mm]	P [mm]	S [%]	P [mm]	S [mm]						
FR 140-141	1	18.00	18.00		17.20		0.80	4.44									0.00	0.80	3.60
FR 140-141	2	18.00	18.00		17.80		0.20	1.11									0.00	0.20	3.60
FR 140-141	3	18.00	18.00		17.50		0.50	2.78									0.00	0.50	3.60
FR 140-141	4	18.00	18.00	17.60		0.40	2.22										0.40	0.00	3.60
FR 140-141	5	18.00	18.00	17.70		0.30	1.67										0.30	0.00	3.60
FR 150-151	1	18.00	18.00		17.60		0.40	2.22									0.00	0.40	3.60
FR 150-151	2	18.00	18.00		17.80		0.20	1.11									0.00	0.20	3.60
FR 150-151	3	18.00	18.00		17.80		0.20	1.11									0.00	0.20	3.60
FR 150-151	4	18.00	18.00	17.80		0.20	1.11										0.20	0.00	3.60
FR 150-151	5	18.00	18.00	17.70		0.30	1.67										0.30	0.00	3.60
FR 160-161	1	18.00	18.00		17.40		0.60	3.33									0.00	0.60	3.60
FR 160-161	2	18.00	18.00		18.20		0.00	0.00									0.00	0.00	3.60
FR 160-161	3	18.00	18.00		18.10		0.00	0.00									0.00	0.00	3.60
FR 160-161	4	18.00	18.00	18.00		0.00	0.00										0.00	0.00	3.60
FR 160-161	5	18.00	18.00	16.90		1.10	6.11										1.10	0.00	3.60
Operator	G. SCRIVANO								RINA Surveyor				A. DE CARO						

* Rule thickness t_{RULE} is used for calculations. If not available, it is assumed equal to original thickness t_{AB} .

* If $t_{RULE} = t_{AB}$, only fill t_{AB} .



PRUA →



SPESSORE NOMINALE PRESUNTO: 9,0 mm

UTM REPORT - MV "PLUTUS"

POSTO DI MANOVRA DI POPPA

MAG. 2025

INSPECTIONSLAB SRL

	<h2 style="margin: 0;">M/V PLUTUS</h2>	Print-out date: <b style="font-size: 1.2em;">06/06/2025
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Thickness Measurement Report - TM1

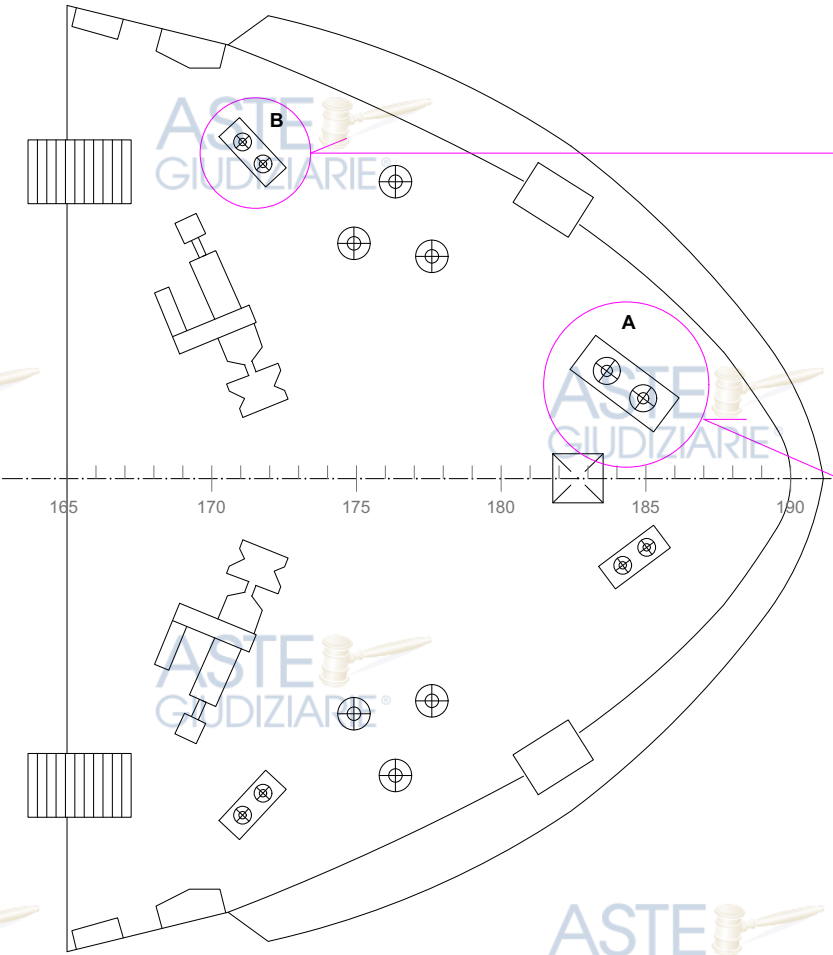
THICKNESS MEASUREMENT OF ALL DECK PLATING / ALL BOTTOM SHELL PLATING / ALL SIDE PLATING

Ship's name and RINA number		M/V PLUTUS, RI:				Sheet	10	of	11									
STRAKE POSITION	POSTO DI MANOVRA DI POPPA (Deck, Bottom, Side. To be used accordingly before putting strake position)																	
PLATE POSITION	Frames N° or letter Ordinate	Original thickn. [mm]	Rule thickn.* [mm]	FORWARD READINGS					AFT READINGS					Mean diminution		Maximum allowable dimin. [mm]		
				Gauged thickness		Diminution			Gauged thickness		Diminution			P	S			
				P	S	P	S	[%]	P	S	P	S	[%]	P	S			
Not set	1	9.00	9.00	8.50		0.50	5.56									0.50	0.00	1.80
Not set	2	9.00	9.00	8.40		0.60	6.67									0.60	0.00	1.80
Not set	3	9.00	9.00	8.60		0.40	4.44									0.40	0.00	1.80
Not set	4	9.00	9.00	8.50		0.50	5.56									0.50	0.00	1.80
Not set	5	9.00	9.00	8.90		0.10	1.11									0.10	0.00	1.80
Not set	6	9.00	9.00	8.80		0.20	2.22									0.20	0.00	1.80
Not set	7	9.00	9.00	8.50		0.50	5.56									0.50	0.00	1.80
Not set	8	9.00	9.00	8.20		0.80	8.89									0.80	0.00	1.80
Not set	9	9.00	9.00	8.40		0.60	6.67									0.60	0.00	1.80
Not set	10	9.00	9.00	8.60		0.40	4.44									0.40	0.00	1.80
Operator	G. SCRIVANO					RINA Surveyor					A. DE CARO							

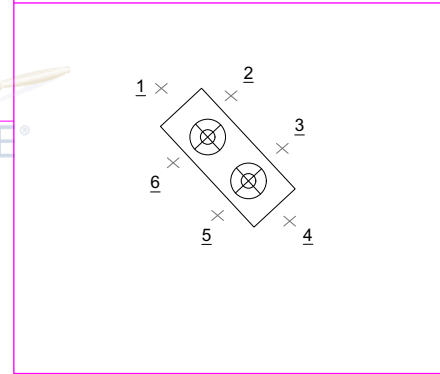
* Rule thickness t_{RULE} is used for calculations. If not available, it is assumed equal to original thickness t_{AB} .

* If $t_{RULE} = t_{AB}$, only fill t_{AB} .

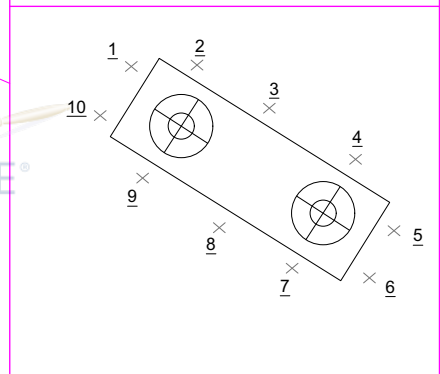
PRUA →



DETTAGLIO RILIEVI ESEGUITI - BITTA "B"



DETTAGLIO RILIEVI ESEGUITI - BITTA "A"



SPESSORE NOMINALE PRESUNTO: 10,0 mm

UTM REPORT - MV "PLUTUS"	
POSTO DI MANOVRA DI PRUA	
MAG. 2025	INSPECTIONSLAB SRL

	<h2 style="margin: 0;">M/V PLUTUS</h2>	Print-out date: <b style="font-size: 1.2em;">06/06/2025
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Thickness Measurement Report - TM1

THICKNESS MEASUREMENT OF ALL DECK PLATING / ALL BOTTOM SHELL PLATING / ALL SIDE PLATING

Ship's name and RINA number		M/V PLUTUS, RI:						Sheet	11	of	11							
STRAKE POSITION	POSTO DI MANOVRA DI PRUA (Deck, Bottom, Side. To be used accordingly before putting strake position)																	
PLATE POSITION	Frames N° or letter Ordinate	Original thickn. [mm]	Rule thickn.* [mm]	FORWARD READINGS						AFT READINGS						Mean diminution		Maximum allowable dimin. [mm]
				Gauged thickness		Diminution		Gauged thickness		Diminution		P	S					
				P	S	P	S	P	S	P	S	P	S					
				[mm]	[mm]	[mm]	[%]	[mm]	[%]	[mm]	[mm]	[mm]	[%]	[mm]	[%]	[mm]	[mm]	
BITTA A	1	10.00	10.00	9.90		0.10	1.00									0.10	0.00	2.00
BITTA A	2	10.00	10.00	9.70		0.30	3.00									0.30	0.00	2.00
BITTA A	3	10.00	10.00	9.90		0.10	1.00									0.10	0.00	2.00
BITTA A	4	10.00	10.00	9.80		0.20	2.00									0.20	0.00	2.00
BITTA A	5	10.00	10.00	10.00		0.00	0.00									0.00	0.00	2.00
BITTA A	6	10.00	10.00	10.00		0.00	0.00									0.00	0.00	2.00
BITTA A	7	10.00	10.00	9.80		0.20	2.00									0.20	0.00	2.00
BITTA A	8	10.00	10.00	10.00		0.00	0.00									0.00	0.00	2.00
BITTA A	9	10.00	10.00	9.70		0.30	3.00									0.30	0.00	2.00
BITTA A	10	10.00	10.00	10.20		0.00	0.00									0.00	0.00	2.00
BITTA B	1	10.00	10.00	9.90		0.10	1.00									0.10	0.00	2.00
BITTA B	2	10.00	10.00	9.80		0.20	2.00									0.20	0.00	2.00
BITTA B	3	10.00	10.00	9.30		0.70	7.00									0.70	0.00	2.00
BITTA B	4	10.00	10.00	10.00		0.00	0.00									0.00	0.00	2.00
BITTA B	5	10.00	10.00	10.00		0.00	0.00									0.00	0.00	2.00
BITTA B	6	10.00	10.00	9.80		0.20	2.00									0.20	0.00	2.00
Operator	G. SCRIVANO						RINA Surveyor						A. DE CARO					

* Rule thickness t_{RULE} is used for calculations. If not available, it is assumed equal to original thickness t_{AB} .

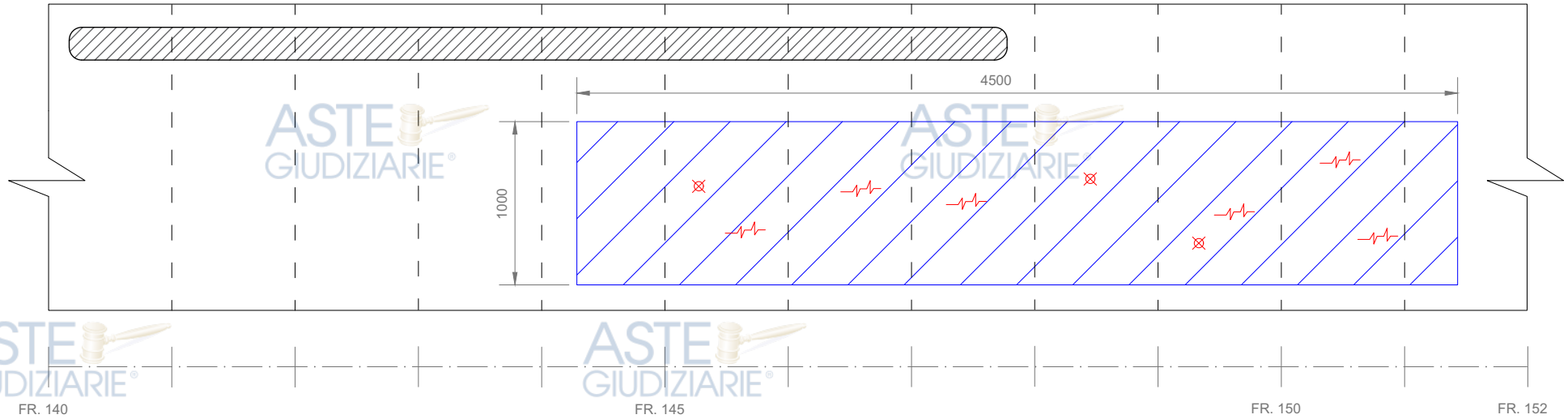
* If $t_{RULE} = t_{AB}$, only fill *

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General Data	2
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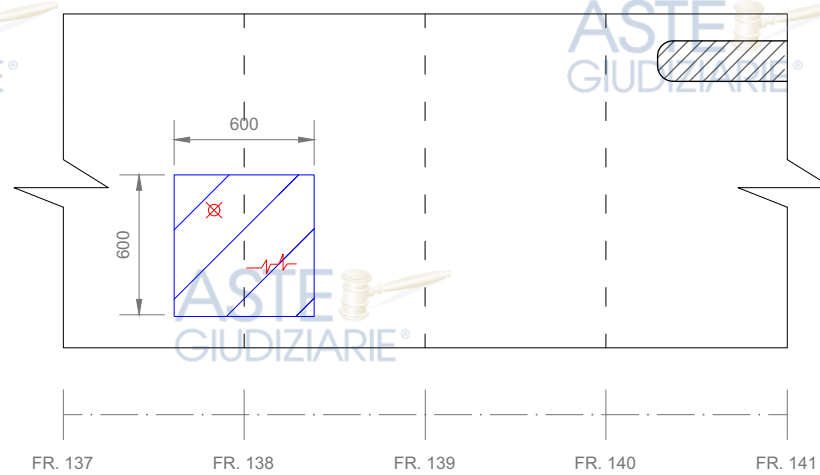
FASCIAME LATERALE DX - FR. 144 ÷ 152

PRUA →



FASCIAME LATERALE DX - FR. 137 ÷ 139

PRUA →



LEGENDA

- ⊗ FORO PASSANTE
- |— CRICCA
- ⊙ BOTTAZZO
- ▨ AREA DA RADDOPPIARE

UTM REPORT - MV "PLUTUS"	
F. LATERALE - AREA DA RADDOPPIARE	
MAG. 2025	INSPECTIONSLAB SRL

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CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER



CERTIFICATE NO. SSU058223PA




ASTE
GIUDIZIARIE®

This is to certify that


INSPECTIONSLAB SRL

VIA GENOVA, 19
92010 Realmonte AG ITALY




*Has been approved in compliance with the
RINA "RULES FOR THE CERTIFICATION OF SERVICE SUPPLIERS"
for the supply of the following services to ships and other units classed by RINA:*

A - Thickness measurements on ships or mobile offshore units



*Date of the audit: 26 Jul 2023
Issued in MAZARA DEL VALLO
on 02 Aug 2023*



*This Certificate is valid from the date of the audit until
25 Jul 2026*

This certificate consists of this sheet plus an attachment.



This is an electronically signed document and does not require a handwritten signature.

Giuseppe Arnaldo FRENI
RINA Services S.p.A.



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This certificate consists of 2 pages.



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RINA Services S.p.A.
Via Corsica, 12 - 16128 Genova
Tel. +39 010 53851
Fax +39 010 5351000

**ATTACHMENT TO
CERTIFICATE NO. SSU058223PA**



VALIDITY CONDITIONS



General conditions for the approval

- a) *The initial conditions verified by RINA at the time of the approval are to be maintained*
- b) *Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessments*
- c) *RINA personnel are to be allowed to witness during the performance of activities, upon their request*
- d) *The activities are to be carried out in compliance with the RINA Rules and or other applicable rules*
- e) *RINA may revoke the approval at any moment in the case of modifications to requirements or conditions for the approval*



This is an electronically signed document and does not require a handwritten signature.

Giuseppe Arnaldo FRENI

RINA Services S.p.A.



This certificate consists of 2 pages.





RINA
Via Corsica, 12 - 16128 Genova
Tel. +39 010 53851
Fax +39 010 5351000

CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

CERTIFICATE NO. 2022PA01169

This is to certify that

INSPECTIONSLAB SRL

VIA GENOVA, 19
Agrigento - AG ITALY

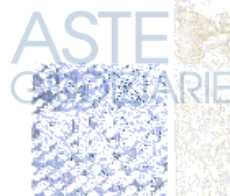
*Has been approved in compliance with the
RINA "RULES FOR THE CERTIFICATION OF SERVICE SUPPLIERS"
for the supply of the following services to ships and other units classed by RINA;*

**Q - Survey using Remote Inspection Techniques (RIT) as an alternative means for
Close-up Survey of the structure of ships and mobile offshore units**

*Issued in Palermo on
03/03/2022*

*This Certificate is valid from the date of the initial audit until
02/03/2025*

This certificate consists of this sheet plus an attachment



RINA

Davide Maestroni



RINA
Via Corsica, 12 - 16128 Genova
Tel +39 010 53651
Fax +39 010 5351000

ATTACHMENT TO
CERTIFICATE NO. 2022PA01169

Page 1 of 1

VALIDITY CONDITIONS

DRONE MODEL: "ELIOS" Serial Number EV-0032
CAMERA: FHD (1920 x 1080) at 30 fps, Low Light Performance, Recorded on board and streamed to pilot and camera operator, including thermal recording if requested.
APPLICATION FIELD: Open and Close Spaces (i.e. Cranes e/o Derricks on deck, Mast and Superstructures, Cargo Tanks, Ballast Tank, Void Space, Engine Room Space).
LIMIT DIMENSION CLOSE SPACE: > 400 mm.
OPERATIVE PROCEDURE: MIC-OP-UAV-001-2018 rev_0

INITIAL AND UNSCHEDULED AUDITS			
Due date	Carried out on (dd/mm/yyyy)	Surveyor's signature	Surveyor's stamp
	02/03/2022		Pietro Giordano RINA Services S.p.A.
Unscheduled			
Unscheduled			
Unscheduled			

General conditions for the approval

- The initial conditions verified by RINA at the time of the approval are to be maintained
- Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessments
- RINA personnel are to be allowed to witness during the performance of activities, upon their request
- The activities are to be carried out in compliance with the RINA Rules and/or other applicable rules
- RINA may revoke the approval at any moment in the case of modifications to requirements or conditions for the approval

Davide Maestroni

No. **25PA00422CE1/RC**

Validity renewal of certificate n° 19VE00620PN1

Operator	[REDACTED]		
Born in	REALMONTE (AG)	on	12/08/1969
Employed by	INSPECTIONSLAB SRL		
Located in	Realmonte (AG)		

this is to certify that the non destructive test operator is qualified by examinations at the level 2 according to ISO 9712:2021 standard and to RINA Rule RC/C 14

in the method:

VISUAL

in the following product sectors:

**CASTINGS (c)
FORGINGS (f)
WELDS (w)
WROUGHT PRODUCTS (wp)
TUBES AND PIPES (t)**

for the following industrial sectors:

PRE AND IN-SERVICE TESTING (s)

Previous certificate expiry date: 13/06/2024

Renewal of validity done on: 16/04/2025

This certificate is valid from	16 April 2025	to	13 June 2029
Issued at	GENOVA	on	16 April 2025

The above mentioned Operator is approved for the Method and Level specified, according to Par. 3.1.3 of Annex I 2014/68/EU Directive (CEN/TR 15589 Route A)

Andrea Vasta

(Head of Calabria, Puglia, Basilicata & Sicily Certification)

ASTE GIUDIZIARIE®

Operator

This certificate consist of 1 page



PRS N° 066 C

Signatory of EA, IAF and ILAC Mutual Recognition Agreements

Andrea Vasta

RINA Services S.p.A.

RTPO 2014/68/EU Directive, Art. 20

Via Corsica 12 - 16128 Genova

N. **25PA00422CE1/RC**

Rinnovo di validità del certificato n° 19VE00620PN1

Operatore	[REDACTED]		
Nato a	REALMONTE (AG)	il	12/08/1969
Impiegato presso	INSPECTIONSLAB SRL		
Con sede in	Realmonte (AG)		

si certifica che, a seguito degli esami sostenuti, l'operatore addetto alle prove non distruttive è qualificato al livello 2 in conformità alla norma ISO 9712:2021 ed al Regolamento RINA RC/C 14

nel metodo:

VISIVO

nei seguenti settori di prodotto:

GETTI (c)
FUCINATI (f)
PRODOTTI SALDATI (w)
PRODOTTI LAVORATI (wp)
TUBI E CONDOTTE (t)

per i seguenti settori industriali:

PROVA PRE-SERVIZIO E IN SERVIZIO (s)

Data di scadenza del precedente certificato: 13/06/2024

Rinnovo della validità effettuato in data: 16/04/2025

Il presente certificato è valido dal	16 Aprile 2025	fino al	13 Giugno 2029
Rilasciato a	GENOVA	il	16 Aprile 2025

Il suddetto Operatore è approvato per Metodo e Livello specificati in accordo al Par. 3.1.3 Allegato I della Direttiva 2014/68/UE (CEN/TR 15589 Route A)

Andrea Vasta

(Head of Calabria, Puglia, Basilicata &
Sicily Certification)

Operatore

Questo certificato è composto di 1 pagina

**PRS N° 066 C**Membro degli Accordi di Mutuo
Riconoscimento EA, IAF e ILAC

RINA Services S.p.A.
RTPO 2014/68/EU Directive, Art. 20
Via Corsica 12 - 16128 Genova

No. **25PA00422CE2/RC**

Validity renewal of certificate n° 19VE00620PN2

Operator	[REDACTED]		
Born in	REALMONTE (AG)	on	12/08/1969
Employed by	INSPECTIONSLAB SRL		
Located in	Realmonte (AG)		

this is to certify that the non destructive test operator is qualified by examinations at the level 2 according to ISO 9712:2021 standard and to RINA Rule RC/C 14

in the method:

DYE PENETRANT

in the following product sectors:

**CASTINGS (c)
FORGINGS (f)
WELDS (w)
WROUGHT PRODUCTS (wp)
TUBES AND PIPES (t)**

for the following industrial sectors:

PRE AND IN-SERVICE TESTING (s)

Previous certificate expiry date: 13/06/2024

Renewal of validity done on: 16/04/2025

This certificate is valid from	16 April 2025	to	13 June 2029
Issued at	GENOVA	on	16 April 2025

The above mentioned Operator is approved for the Method and Level specified, according to Par. 3.1.3 of Annex I 2014/68/EU Directive (CEN/TR 15589 Route A)

Andrea Vasta

(Head of Calabria, Puglia, Basilicata & Sicily Certification)

Operator

This certificate consist of 1 page



PRS N° 066 C

Signatory of EA, IAF and ILAC Mutual Recognition Agreements

RINA Services S.p.A.

RTPO 2014/68/EU Directive, Art. 20

Via Corsica 12 - 16128 Genova

N. **25PA00422CE2/RC**

Rinnovo di validità del certificato n° 19VE00620PN2

Operatore	[REDACTED]		
Nato a	REALMONTE (AG)	il	12/08/1969
Impiegato presso	INSPECTIONSLAB SRL		
Con sede in	Realmonte (AG)		

si certifica che, a seguito degli esami sostenuti, l'operatore addetto alle prove non distruttive è qualificato al livello 2 in conformità alla norma ISO 9712:2021 ed al Regolamento RINA RC/C 14

nel metodo:

LIQUIDI PENETRANTI

nei seguenti settori di prodotto:

**GETTI (c)
FUCINATI (f)
PRODOTTI SALDATI (w)
PRODOTTI LAVORATI (wp)
TUBI E CONDOTTE (t)**

per i seguenti settori industriali:

PROVA PRE-SERVIZIO E IN SERVIZIO (s)

Data di scadenza del precedente certificato: 13/06/2024

Rinnovo della validità effettuato in data: 16/04/2025

Il presente certificato è valido dal	16 Aprile 2025	fino al	13 Giugno 2029
Rilasciato a	GENOVA	il	16 Aprile 2025

Il suddetto Operatore è approvato per Metodo e Livello specificati in accordo al Par. 3.1.3 Allegato I della Direttiva 2014/68/UE (CEN/TR 15589 Route A)

Andrea Vasta

(Head of Calabria, Puglia, Basilicata &
Sicily Certification)

Operatore

Questo certificato è composto di 1 pagina

**PRS N° 066 C**Membro degli Accordi di Mutuo
Riconoscimento EA, IAF e ILAC

RINA Services S.p.A.

RTPO 2014/68/EU Directive, Art. 20

Via Corsica 12 - 16128 Genova

No. **25PA00422CE3/RC**

Validity renewal of certificate n° 19VE00620PN3

Operator	[REDACTED]		
Born in	REALMONTE (AG)	on	12/08/1969
Employed by	INSPECTIONSLAB SRL		
Located in	Realmonte (AG)		

this is to certify that the non destructive test operator is qualified by examinations at the level 2 according to ISO 9712:2021 standard and to RINA Rule RC/C 14

in the method:

MAGNETIC PARTICLE

in the following product sectors:

**CASTINGS (c)
FORGINGS (f)
WELDS (w)
WROUGHT PRODUCTS (wp)
TUBES AND PIPES (t)**

for the following industrial sectors:

PRE AND IN-SERVICE TESTING (s)

Previous certificate expiry date: 13/06/2024

Renewal of validity done on: 16/04/2025

This certificate is valid from	16 April 2025	to	13 June 2029
Issued at	GENOVA	on	16 April 2025

The above mentioned Operator is approved for the Method and Level specified, according to Par. 3.1.3 of Annex I 2014/68/EU Directive (CEN/TR 15589 Route A)

Andrea Vasta

(Head of Calabria, Puglia, Basilicata & Sicily Certification)

Operator

This certificate consist of 1 page



PRS N° 066 C

Signatory of EA, IAF and ILAC Mutual Recognition Agreements

RINA Services S.p.A.

RTPO 2014/68/EU Directive, Art. 20

Via Corsica 12 - 16128 Genova

N. **25PA00422CE3/RC**

Rinnovo di validità del certificato n° 19VE00620PN3

Operatore	[REDACTED]		
Nato a	REALMONTE (AG)	il	12/08/1969
Impiegato presso	INSPECTIONSLAB SRL		
Con sede in	Realmonte (AG)		

si certifica che, a seguito degli esami sostenuti, l'operatore addetto alle prove non distruttive è qualificato al livello 2 in conformità alla norma ISO 9712:2021 ed al Regolamento RINA RC/C 14

nel metodo:

MAGNETOSCOPICO

nei seguenti settori di prodotto:

**GETTI (c)
FUCINATI (f)
PRODOTTI SALDATI (w)
PRODOTTI LAVORATI (wp)
TUBI E CONDOTTE (t)**

per i seguenti settori industriali:

PROVA PRE-SERVIZIO E IN SERVIZIO (s)

Data di scadenza del precedente certificato: 13/06/2024

Rinnovo della validità effettuato in data: 16/04/2025

Il presente certificato è valido dal	16 Aprile 2025	fino al	13 Giugno 2029
Rilasciato a	GENOVA	il	16 Aprile 2025

Il suddetto Operatore è approvato per Metodo e Livello specificati in accordo al Par. 3.1.3 Allegato I della Direttiva 2014/68/UE (CEN/TR 15589 Route A)

Andrea Vasta

(Head of Calabria, Puglia, Basilicata & Sicily Certification)

Operatore

Questo certificato è composto di 1 pagina

**PRS N° 066 C**

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC

RINA Services S.p.A.
RTPO 2014/68/EU Directive, Art. 20
Via Corsica 12 - 16128 Genova

NDT OPERATOR QUALIFICATION CERTIFICATE



No. **22FI00385PN1**

Operator	[REDACTED]		
Born in	PALERMO (PA)	on	11/06/1989
Employed by	INSPECTIONSLAB SRL		
Located in	Realmonte (AG)		

THIS IS TO CERTIFY that the non destructive test operator is qualified by examinations at the LEVEL 2 according to UNI EN ISO 9712:2012 standard and to RINA Rule RC/C 14

in the method:

ULTRASONIC

for the sectors:

Pre-service and in service testing of equipment, plants and structures

This certificate is valid from	3 November 2022	to	2 November 2027
Issued at	GENOVA	on	3 November 2022

Filippo Lago

(Italy Welding & Pressure Equipments,
Personnel
Certification & Laboratories, Director)

Operator

RINA Services S.p.A.
Via Corsica 12 - 16128 Genova

This certificate consist of 1 page



PRS N° 066 C

Membro degli Accordi di Mutuo
Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC
Mutual Recognition Agreements

CERTIFICATO DI QUALIFICA DI OPERATORE PER CND



ASTE GIUDIZIARIE®
N. 22FI00385PN1

ASTE GIUDIZIARIE®

Operatore	[REDACTED]		
Nato a	PALERMO (PA)	il	11/06/1989
Impiegato presso	INSPECTIONSLAB SRL		
Con sede in	Realmonte (AG)		

SI CERTIFICA che, a seguito degli esami sostenuti, l'operatore addetto alle prove non distruttive è qualificato al LIVELLO 2 , in conformità alla norma UNI EN ISO 9712:2012 ed al Regolamento RINA RC/C 14,

nel metodo:

ULTRASONORO

per il/i settore/i:

Prova pre-servizio e in servizio di attrezzature, impianti e strutture

Il presente certificato è valido dal	3 Novembre 2022	fino al	2 Novembre 2027
Rilasciato a	GENOVA	il	3 Novembre 2022

Filippo Lago
(Italy Welding & Pressure Equipments,
Personnel
Certification & Laboratories, Director)

Operatore

RINA Services S.p.A.
Via Corsica 12 - 16128 Genova

Questo certificato è composto di 1 pagina



PRS N° 066 C

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC Mutual Recognition Agreements

NDT OPERATOR QUALIFICATION CERTIFICATE



No. **22FI00389PN1**

Operator	[REDACTED]		
Born in	PALERMO (PA)	on	11/06/1989
Employed by	INSPECTIONSLAB SRL		
Located in	Realmonte (AG)		

THIS IS TO CERTIFY that the non destructive test operator is qualified by examinations at the LEVEL 2 according to UNI EN ISO 9712:2012 standard and to RINA Rule RC/C 14

in the method:

DYE PENETRANT

for the sectors:

Pre-service and in service testing of equipment, plants and structures

This certificate is valid from	14 November 2022	to	13 November 2027
Issued at	GENOVA	on	14 November 2022

Filippo Lago

(Italy Welding & Pressure Equipments,
Personnel
Certification & Laboratories, Director)

Operator

RINA Services S.p.A.
Via Corsica 12 - 16128 Genova

This certificate consist of 1 page



PRS N° 066 C

Membro degli Accordi di Mutuo
Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC
Mutual Recognition Agreements

CERTIFICATO DI QUALIFICA DI OPERATORE PER CND



ASTE GIUDIZIARIE®
N. 22FI00389PN1

ASTE GIUDIZIARIE®

Operatore	[REDACTED]		
Nato a	PALERMO (PA)	il	11/06/1989
Impiegato presso	INSPECTIONSLAB SRL		
Con sede in	Realmonte (AG)		

SI CERTIFICA che, a seguito degli esami sostenuti, l'operatore addetto alle prove non distruttive è qualificato al LIVELLO 2 , in conformità alla norma UNI EN ISO 9712:2012 ed al Regolamento RINA RC/C 14,

nel metodo:

LIQUIDI PENETRANTI

per il/i settore/i:

Prova pre-servizio e in servizio di attrezzature, impianti e strutture

Il presente certificato è valido dal	14 Novembre 2022	fino al	13 Novembre 2027
Rilasciato a	GENOVA	il	14 Novembre 2022

Filippo Lago
(Italy Welding & Pressure Equipments,
Personnel
Certification & Laboratories, Director)

Operatore

RINA Services S.p.A.
Via Corsica 12 - 16128 Genova

Questo certificato è composto di 1 pagina



PRS N° 066 C

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC Mutual Recognition Agreements

NDT OPERATOR QUALIFICATION CERTIFICATE



No. **22FI00389PN2**

Operator	[REDACTED]		
Born in	PALERMO (PA)	on	11/06/1989
Employed by	INSPECTIONSLAB SRL		
Located in	Realmonte (AG)		

THIS IS TO CERTIFY that the non destructive test operator is qualified by examinations at the LEVEL 2 according to UNI EN ISO 9712:2012 standard and to RINA Rule RC/C 14

in the method:

MAGNETIC PARTICLE

for the sectors:

Pre-service and in service testing of equipment, plants and structures

This certificate is valid from	14 November 2022	to	13 November 2027
Issued at	GENOVA	on	14 November 2022

Filippo Lago
(Italy Welding & Pressure Equipments,
Personnel
Certification & Laboratories, Director)

Operator

RINA Services S.p.A.
Via Corsica 12 - 16128 Genova

This certificate consist of 1 page



PRS N° 066 C

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC
Mutual Recognition Agreements

CERTIFICATO DI QUALIFICA DI OPERATORE PER CND



ASTE
GIUDIZIARIE® N. 22FI00389PN2

ASTE
GIUDIZIARIE®

Operatore	[REDACTED]		
Nato a	PALERMO (PA)	il	11/06/1989
Impiegato presso	INSPECTIONSLAB SRL		
Con sede in	Realmonte (AG)		

SI CERTIFICA che, a seguito degli esami sostenuti, l'operatore addetto alle prove non distruttive è qualificato al LIVELLO 2 , in conformità alla norma UNI EN ISO 9712:2012 ed al Regolamento RINA RC/C 14,

nel metodo:

MAGNETOSCOPICO

per il/i settore/i:

Prova pre-servizio e in servizio di attrezzature, impianti e strutture

Il presente certificato è valido dal	14 Novembre 2022	fino al	13 Novembre 2027
Rilasciato a	GENOVA	il	14 Novembre 2022

Filippo Lago
(Italy Welding & Pressure Equipments,
Personnel
Certification & Laboratories, Director)

Operatore

RINA Services S.p.A.
Via Corsica 12 - 16128 Genova

Questo certificato è composto di 1 pagina



PRS N° 066 C

Membro degli Accordi di Mutuo
Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC
Mutual Recognition Agreements