

CATAS S.p.A. Iscr. Reg. Imprese Udine nr. iscr. C.F. 01818850305 Reg. Impr. UD 20663 P. IVA: 01818850305 C.Soc. € 1.003,650,00 i.v.

Sede: Via Antica, 24/3 33048 S. Giovanni al Nat. UD Tel. 0432.747211 r.a. Fax 0432.747250 http://www.catas.com c-mail: lab@catas.com

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# Declaration of conformity

n° 11335 / 2014

According to the results of the following tests:

EN 16139	test report n. 185835- 1/2014
EN 16139	test report n. 185835- 2/2014
EN 1728	test report n. 185835- 3/2014
EN 1728	test report n. 185835- 4/2014
EN 1728	test report n. 185835- 5/2014
EN 1728	test report n. 185835- 6/2014
EN 1728	test report n. 185835- 7/2014
EN 1728	test report n. 185835- 8/2014
EN 1728	test report n. 185835- 9/2014
EN 1728	test report n. 185835- 9/2014
EN 1728	test report n. 185835-10/2014
EN 1022	test report n. 185835-11/2014

we hereby testify that

## SHELL chair

of company CERANTOLA S.P.A. - VIA GIORGIONE 2-ZONA IND.LE - 31037 RAMON DI LORIA (TV)

complies with the strenght, durability and safety requirements of 1st level of EN 16139:2013

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**InDirettore** ott. Andrea Giavon

November 27th, 2014



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Date received:

03/11/14

Date of issue:

27/11/14

Report consists of 11 test reports.

Defects before testing: None

Sample name:

SHELL chair

CERANTOLA S.P.A.

VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV)

ITALIA

## **SAMPLE Nº 185835**

Overall dimensions: 540 x 460 x 770 (h) mm

#### List performed tests:

- 1. Safety requirements EN 16139:2013+AC:2013
- 2. Information for use EN 16139:2013+AC:2013
- 3. Seat and back static load test EN 1728:2012+AC:2013
- 4. Vertical load on back rest EN 1728:2012+AC:2013
- 5. Seat and back fatigue test EN 1728:2012+AC:2013
- Seat front edge durability test EN 1728:2012+AC:2013
- 7. Leg forward static load test EN 1728:2012+AC:2013
- 8. Leg sideways static load test EN 1728:2012+AC:2013
- 9. Seat impact test EN 1728:2012+AC:2013
- 10. Back impact test EN 1728:2012+AC:2013
- 11. Stability EN 1022:2005



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aging Director Andrea Giavon



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## **SAMPLE N° 185835**

Date of issue:

27/11/14

Sample weight:

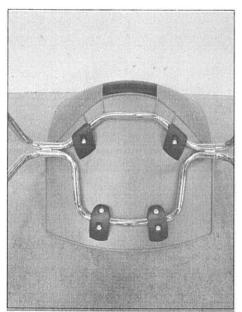
Not determined

Sample name:

SHELL chair



Side view



Bottom view



Rear view



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e-mail: lissone@eatas.com

## **TEST REPORT**

185835 / 1

Date received:

03/11/14

Date of test: Date of issue:

27/11/14

Sample name:

SHELL chair

CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) ITALIA

YES

## Safety requirements EN 16139:2013+AC:2013

## Safety requirements clause 4

Statement checked	Remarks
Corner and edges in contact with the users:	
Absence of sharp edges and corners	Yes
Edges on the handles:	
Absence of sharp edges and corners in the direction of the force	Handles not present
Other edges:	
Absence of corners	Yes
Accessible hollow components:	
<ul> <li>The ends of hollow components are closed or capped</li> </ul>	Yes
Movable and adjustable parts:	
<ul> <li>It shall not be possible for any movable and adjustable part of the chair to come operate unintentionally.</li> </ul>	Movable and adjustable parts not present
Connections between parts of the structure:	
<ul> <li>It shall not be possible for any load bearing part of the seating to come loose unintentionally</li> </ul>	No
Parts which are lubricated:	
· All the parts which are lubricated shall be designed to protect users	Lubricated parts not present
Shear and squeeze points between movable parts ≥ 7 mm ≤ 18 mm:	
· Shear and squeeze points under influence of powered mechanism	Mechanism not present
<ul> <li>Shear and squeeze points during normal use and during normal movements and actions</li> </ul>	No

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Conformity to clauses 4.1 and 4.2 of standard EN 16139:2013:

signature systems.

Managing Director\_ Dr Andrea Giavon



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LAB N° 0027 ibra degli Accordi di Mutua Riconoscimenta EA, IAF e ILAC

## **TEST REPORT**

## 185835 / 2

Date received: Date of test: 03/11/14 27/11/14

Date of issue:

27/11/14

Sample name:

SHELL chair

CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) ITALIA

## Information for use EN 16139:2013+AC:2013

## Information for use clause 7

Statement checked	Remarks
Information for use in the language of the country in which the chair will be delivered to the end user	Italian language
Information regarding the intended use (Annex B of EN 16139:2013)	Present
Instruction for operating the adjusting mechanisms, where applicable	Not applicable
Assembly instructions, where applicable	Not applicable
Instruction for the care and the maintenance of the chair	Present
Information on the choice of castors in relation to the floor surface if the chair is fitted	Castors not present
Advice that only trained personnel may replace or repair seat height adjustment components with energy accumulators if the chair is fitted	Seat height adjustment not present

Conformity to clause 7 of standard EN 16139:2013:	YES
	(ATA 6 TA

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aging Director Andrea Giavon



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LAB N° 0027 Membra degli Accordi di Mutuo Riconescimeni EA, IAF e ILAC

#### **TEST REPORT**

## 185835 / 3

Date received:

03/11/14

Date of test: Date of issue:

12/11/14 27/11/14

Sample name:

SHELL chair

CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) ITALIA

## Seat and back static load test EN 1728:2012+AC:2013

Seat and back static load test, clause 6.4

#### Test results:

Seat load N	Back force N	Number of cycles	Remarks	
1.600	560	10	No defects	

## Seat front edge static load, clause 6.5

Seat load N	Number of cycles	Remarks	
1.300	10	No defects	

#### Note:

The test has been carried out according to table 1 of EN 16139:2013, level L1 - general.

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Managing Director Dr: Andrea Giavon



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in Riconoscimento ecordi di Mutuo EA, IAF e ILAC

## **TEST REPORT**

185835 / 4

Date received:

03/11/14

Date of test:

12/11/14 27/11/14

Date of issue: Sample name:

SHELL chair

CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) **ITALIA** 

## Vertical load on back rest EN 1728:2012+AC:2013

Vertical static load on back rest clause 6.6

#### Test results:

Seat load N	Downwards force N	Number of applications	Remarks	
1.300	600	10	No defects	

## Note:

The test has been carried out according to table 1 of EN 16139:2013, level L1 - general.

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Managing Director



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## **TEST REPORT**

## 185835 / 5

Date received: Date of test:

03/11/14 12/11/14

Date of issue:

27/11/14

Sample name:

SHELL chair

CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) ITALIA

## Seat and back fatigue test EN 1728:2012+AC:2013

Seat and back fatigue test, clause 6.17

#### Test results:

Seat force	Back force	Number	Remarks
N	N	of cycles	
1.000	300	100.000	No defects

Note:

The test has been carried out according to table 1 of EN 16139:2013, level L1 - general.

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naging Director or Abdres Giavon



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#### **TEST REPORT**

185835 / 6

Date received: Date of test:

03/11/14 20/11/14

Date of issue:

27/11/14

Sample name:

SHELL chair

CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) ITALIA

## Seat front edge durability test EN 1728:2012+AC:2013

Seat front edge durability test clause 6.18

Test results:

Points of application	Seat force N	Number of cycles	Remarks
100 mm back from the front edge	800	50.000	No defects

Note:

The test has been carried out according to table 1 of EN 16139:2013, level L1 - general.

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Wignaging Director Of Andrea Giavon



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## **TEST REPORT**

185835 / 7

Date received:

03/11/14

Date of test: Date of issue: 25/11/14 27/11/14

Sample name:

SHELL chair

CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV)

## Leg forward static load test EN 1728:2012+AC:2013

Leg forward static load test clause 6.15

#### Test results:

Forward horizontal force N	Balancing seat force N	Number of cycles	Remarks
500	1.000	10	No defects

#### Note:

The test has been carried out according to table 1 of EN 16139:2013, level L1 - general.

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Managing Director fr. Andrea Giavon



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## **TEST REPORT**

185835 / 8

Date received: Date of test: 03/11/14 25/11/14

Date of issue:

27/11/14

Sample name:

SHELL chair

CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) ITALIA

## Leg sideways static load test EN 1728:2012+AC:2013

Leg sideways static load test clause 6.16

#### Test results:

Sideways horizontal force N	Balancing seat force N	Number of cycles	Remarks	
400	1.000	10	No defects	

Note:

The test has been carried out according to table 1 of EN 16139:2013, level L1 - general.

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Managing Director



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Fax 039.464565 | Membro degli Accordi di Mutuo Riconoscimento e-mail: lissone@catas.com

## **TEST REPORT**

## 185835 / 9

Date received:

03/11/14

Date of test: Date of issue: 26/11/14 27/11/14

Sample name:

SHELL chair

CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) ITALIA

## Seat impact test EN 1728:2012+AC:2013

Seat impact test clause 6.24

#### Test results:

Mass of impactor kg	Height of drop mm	Number of drops	Remarks	
25	240	10	No defects	

Note:

The test has been carried out according to table 1 of EN 16139:2013, level L1 - general.

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Managing Director DN Andrea Giavon



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## **TEST REPORT**

185835 / 10

Date received:

03/11/14

Date of test: Date of issue:

26/11/14 27/11/14

Sample name:

SHELL chair

CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) ITALIA

# Back impact test EN 1728:2012+AC:2013

Back impact test clause 6.25

Test results:

Angle	Mass of impactor kg	Number of cycles	Remarks
38	6,5	10	No defects

Note:

The test has been carried out according to table 1 of EN 16139:2013, level L1 - general.

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Menaging Director Dr. Andrea Giavon



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# TEST REPORT 185835 / 11

Date received:

03/11/14

Date of test: Date of issue:

26/11/14 27/11/14

Sample name:

SHELL chair

CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) ITALIA

## **Stability - EN 1022:2005**

Type of chair: fixed geometry

Minimum horizontal force for rearwards overturning of fixed back chair: 163 N

Forwards overturning

Horizontal force

: 20 N does not overturn

Rearwards overturning

Fixed back chair

Horizontal force

163 N does not overturn

Tilting chair in the rearmost position

Loading discs on the seat

Sideways overturning for chairs with arms

Horizontal force

Sideways overturning for chairs without arms

Horizontal force

20 N does not overturn

Forwards overturning for chairs with footrest

Horizontal force

:

Test passed

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naging Director Andrea Ofaxon



## ISTRUZIONI D'USO SEDIA SHELL

Al fine di garantire la stabilità e la durata nel tempo dell'articolo, si consiglia di:

- Prima dell'uso assicurarsi che l'articolo sia montato correttamente.
- Verificare che il prodotto venga utilizzato con le quattro gambe appoggiate al pavimento e che lo stesso non consenta scivolamento.
- Non fare oscillare il prodotto durante l'utilizzo.
- Non sedersi sulla spalliera sui braccioli o sulla tavoletta (se presenti)
- Per spostare l'articolo, evitare il trascinamento.
- Evitare il contatto con fonti di calore.
- Il prodotto non è adatto ad uso esterno se non richiesto specificatamente.

#### CONSIGLI DI MANUTENZIONE

- I liquidi rovesciati devono essere assorbiti immediatamente con un panno pulito ed asciutto.
- Per le parti in plastica utilizzare sapone neutro.
- EVITARE TASSATIVAMENTE l'usi di solventi o di detergenti chimici, poiché potrebbero alterare le caratteristiche estetiche e fisiche dell'articolo.

## **USO PREVISTO**

- Seduta per casa / ufficio
- Seduta per sale attesa
- Seduta per sale conferenza
- Seduta per comunità
- Seduta contract

Rimanendo a disposizione par qualsiasi altro ragguaglio si rendesse necessario ed in attesa di ricevere l'attestazione al più presto possibile, l'occasione c'è gradita per porgere i nostri migliori saluti.

**CERANTOLA SPA** 



Date of receipt: 27/05/21

Date of issue: 01/06/21

Report consists of 2 test reports.

Defects before testing: None

Sample name: SHELL/STRIKE/QUICK ARM WITH WRITING TABLET

## **SAMPLE N° 311248**

CERANTOLA S.P.A.

**ITALIA** 

VIA GIORGIONE 2-ZONA IND.LE

31037 RAMON DI LORIA (TV)

Overall dimensions: 605 x 515 x 800 (h) mm

### List of test reports:

- 1. Vertical static load on auxiliary writing surfaces EN 1728:2012+AC:2013
- 2. Auxiliary writing surface durability test EN 1728:2012+AC:2013



This document is part of a PDF file digitally signed by Franco Bulian on

01/06/21.

The managing director
Dr. Franco Bulian

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## **SAMPLE N° 311248**

Date of issue: 01/06/21

Sample weight: Not determined

Sample name: SHELL/STRIKE/QUICK ARM WITH WRITING TABLET



Side view



Bottom view



Rear view

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Testing site: via Antica, 24/3 33048 San Giovanni al Natisone (UD) tel. +39 0432 747211 lab@catas.com



LAB N° 0027 L Membro degli MRA EA, IAF e ILAC

**TEST REPORT** 311248 / 1

Revision:

Date of receipt: 27/05/21 Date of test: 31/05/21 Date of issue: 01/06/21

CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) **ITALIA** 

Sample name: SHELL/STRIKE/QUICK ARM WITH WRITING TABLET

## Vertical static load on auxiliary writing surfaces EN 1728:2012+AC:2013

## Test performed according to EN 16139:2013+AC:2013

Vertical static load on auxiliary writing surface clause 6.14, EN 1728:2012+AC:2013

#### Test results:

Downward force N	Number of applications	Remarks
300	10	No defects

#### Note:

The test results comply with the requirements in clause 5 a), b), c) and d) of EN 16139:2013+AC:2013, level 1.

This test report is part of a PDF file digitally signed by Franco Bulian

on 01/06/21.

The managing director Dr. Franco Bulian ٠

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Testing site: via Antica, 24/3 33048 San Giovanni al Natisone (UD) tel. +39 0432 747211 lab@catas.com



LAB N° 0027 L Membro degli MRA EA, IAF e ILAC

**TEST REPORT** 311248 / 2

Revision:

Date of receipt: 27/05/21 Date of test: 31/05/21 Date of issue: 01/06/21



CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) **ITALIA** 

Sample name: SHELL/STRIKE/QUICK ARM WITH WRITING TABLET

## Auxiliary writing surface durability test EN 1728:2012+AC:2013

## Test performed according to EN 16139:2013+AC:2013

Auxiliary writing surface durability test clause 6.22, EN 1728:2012+AC:2013

#### Test results:

Downward force N	Number of cycles	Remarks
150	10.000	No defects

## Note:

The test results comply with the requirements in clause 5 a), b), c) and d) of EN 16139:2013+AC:2013, level 1.

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on 01/06/21.

The managing director Dr. Franco Bulian ٠

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Date of receipt: 07/06/21

Date of issue: VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV)

Report consists of 2 test reports.

Defects before testing: None

Sample name: SHELL/STRIKE/QUICK ARM WITH WRITING TABLET

## **SAMPLE N° 311729**

CERANTOLA S.P.A.

Overall dimensions: 605 x 515 x 800 (h) mm

### List of test reports:

- 1. Vertical static load on auxiliary writing surfaces EN 1728:2012+AC:2013
- 2. Auxiliary writing surface durability test EN 1728:2012+AC:2013



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The managing director
Dr. Franco Bulian

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## **SAMPLE N° 311729**

Date of issue: 10/06/21

Sample weight: Not determined

Sample name: SHELL/STRIKE/QUICK ARM WITH WRITING TABLET



Side view



Bottom view



Rear view

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Testing site: via Antica, 24/3 33048 San Giovanni al Nat. (UD) tel. +39 0432 747211 lab@catas.com



LAB N° 0027 L Membro degli MRA EA, IAF e ILAC

**TEST REPORT** 311729 / 1

Revision:

Date of receipt: 07/06/21 Date of test: 09/06/21 Date of issue: 10/06/21



CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) **ITALIA** 

Sample name: SHELL/STRIKE/QUICK ARM WITH WRITING TABLET

## Vertical static load on auxiliary writing surfaces EN 1728:2012+AC:2013

## Test performed according to EN 16139:2013+AC:2013

Vertical static load on auxiliary writing surface clause 6.14, EN 1728:2012+AC:2013

#### Test results:

Downward force N	Number of applications	Remarks
300	10	No defects

#### Note:

The test results comply with the requirements in clause 5 a), b), c) and d) of EN 16139:2013+AC:2013, level 2.

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on 10/06/21.

The managing director Dr. Franco Bulian ٠

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Testing site: via Antica, 24/3 33048 San Giovanni al Nat. (UD) tel. +39 0432 747211 lab@catas.com



LAB N° 0027 L Membro degli MRA EA, IAF e ILAC

**TEST REPORT** 311729 / 2

Revision:

Date of receipt: 07/06/21 Date of test: 09/06/21 Date of issue: 10/06/21

CERANTOLA S.P.A. VIA GIORGIONE 2-ZONA IND.LE 31037 RAMON DI LORIA (TV) **ITALIA** 

Sample name: SHELL/STRIKE/QUICK ARM WITH WRITING TABLET

## Auxiliary writing surface durability test EN 1728:2012+AC:2013

## Test performed according to EN 16139:2013+AC:2013

Auxiliary writing surface durability test clause 6.22, EN 1728:2012+AC:2013

#### Test results:

Downward force N	Number of cycles	Remarks
150	20.000	No defects

Note:

The test results comply with the requirements in clause 5 a), b), c) and d) of EN 16139:2013+AC:2013, level 2.

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on 10/06/21.

The managing director Dr. Franco Bulian ٠

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Imposta di Bollo assolta





Ministero dell'Interno

DIPARTIMENTO DEI VIGILI DEL FUOCO DEL SOCCORSO PUBBLICO E DELLA DIFESA CIVILE DIREZIONE CENTRALE PER LA PREVENZIONE E LA SICUREZZA TECNICA CENTRO STUDI ED ESPERIENZE

3153\_49886\_26077

Visto l'Atto di Omologazione rilasciato in data 17/07/2008 con Codice di Omologazione: TV2689D30D100002, progr. 26077, con ultima validità fino al 17/07/2023, relativo al prodotto con denominazione commerciale: "SEDIA SHELL" con impiego: "MOBILE (SEDIA)";

Vista l'istanza di rinnovo progr. 41955 del 20/06/2018 con validità rinnovata fino al 17/07/2023;

Vista l'istanza di rinnovo progr. 49886, assunta a protocollo DCPREV n. 16385 del 06/11/2023, presentata dalla ditta CERANTOLA S.P.A. sita in Via Giorgione, 2, 31037 - RAMON DI LORIA (TV);

## SI RINNOVA

l'Atto di omologazione con Codice: TV2689D30D100002, con validità fino al 17/07/2028, salvo le limitazioni previste dall'art.4, comma 3, del D.M. 10/03/2005.

Il presente atto è da considerarsi parte integrante dell'atto di omologazione di cui in premessa e ad esso è accluso.

IL DIRETTORE CENTRALE
(Mannino)
Firmato in forma digitale ai sensi di legge

## IL DIRIGENTE

(Ing. Massimo Nazzareno BONFATTI) Firmato in forma digitale ai sensi di legge

IL RESPONSABILE DEL SETTORE OMOLOGAZIONI (Ing. Marcello SERPIERI)

Firmato in forma digitale ai sensi di legge

