



Statement of Admission to Alternative Testing Scheme

Nr. **ATS044623RA/001**

On the basis of the examination of the documentation submitted, and following the satisfactory outcome of the inspection carried out, it is hereby stated that the following Manufacturer is admitted to the Alternative Testing Scheme, according to the "RINA Rules for Testing and Certification of Marine Materials and Equipment" for the product described below.

Manufacturer

BIAGINI PIERO & C. SRL

VIALE 11 SETTEMBRE 2001
12/A - FRAZ. MALALBERGO
40051 Altedo (BO)
ITALY

Products:

Flange and Fittings intended for pressure piping system as listed into the Quality Control Plan hereafter attached.

Issued by RINA Ravenna Marine
on
September 12, 2023

This Statement is valid until
September 11, 2028

This Statement consists of this sheet plus an attachment



RINA Services S.p.A

Lino Ballarin

RINA Services S.p.A.

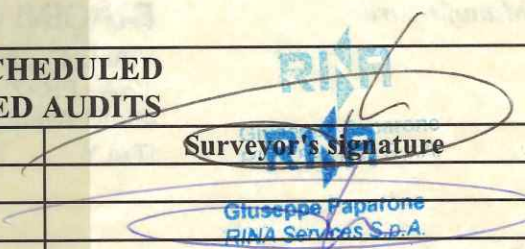




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Place of Manufacturer VIALE 11 SETTEMBRE 2001, 12/A - FRAZ. MALALBERGO - 40051 Altedo (BO)
- ITALY

INTERMEDIATE SCHEDULED AND UNSCHEDULED AUDITS		
Due Date	Carried out on	Surveyor's signature
11/09/2024	30/11/2024	 Giuseppe Papatone RINA Services S.p.A.
11/09/2025	05/09/2025	
11/09/2026		
11/09/2027		
Unscheduled		

Issued by RINA Ravenna Marine
On: September 12, 2023



RINA Services S.p.A

Lino Ballarin

RINA Services S.p.A.





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General conditions for the statement validity

The Manufacturer is admitted to ATS at the following conditions:

1. The Manufacturer has implemented a Quality System according to a national or international standard approved by an accredited certification body or recognised by RINA.
2. For any single Purchaser's Order, the Manufacturer is to make an application to the competent RINA Marine Office using RINA form and indicating "*Firm provided with RINA Alternative Testing Scheme ATS044623RA/001*".
3. The products are to be produced, inspected and tested in compliance with the Quality Control Plans (Q.C.P.) No. **Ist_26 Rev 4 dated 04/09/2023** approved by RINA. The name of the personnel appointed by the Manufacturer as responsible for any phase of the production and control process is to be clearly stated on relevant Q.C.P.
4. In addition to the Manufacturer's standard quality control, all testing activities and inspections to be carried out and all documents to be reviewed by the Manufacturer are to be included in the Q.C.P. approved by RINA.
5. On completion of the inspection and tests required by the relevant Q.C.P., the Manufacturer is duly authorized to issue the following documents:
 - 5.1 Certificate of Conformity (RINA Form "COLALT"), duly endorsed and marked on Manufacturer's field. The Certificate of Conformity can also be draft by the Manufacturer by means of Leonardo Test Certificate tool.
 - 5.2 Manufacturer's relevant inspection and test reports signed by the appointed personnel and all the other required technical documents relevant to the testing.



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6. One set of the above documents are to be sent to the competent RINA Marine Office before the delivery of the products. Upon satisfactory review of the above documentation, the competent RINA Marine Office will send back COLALT certificates duly endorsed, stamped and the relevant invoice. In case the Certificate of Conformity has been submitted through Leonardo Test Certificate, the Manufacturer will receive the electronic certificate approved by the relevant RINA Marine Office.

7. Upon receipt of the certificates, the Manufacturer is authorized by RINA to mark their products as defined in the approved Q.C.P.

8. For traceability purpose, the Manufacturer is provided with the following RINA stamp to be used for marking the certified products (*):



(*) If the Manufacturer's standard quality control covers all inspections, testing and certification requirements according to the RINA Rules, the Manufacturer's marking procedures may be deemed sufficient for traceability.

9. Any "non conformity notice" or "client / shipyard claim" is to be forwarded to the competent RINA Marine Office with relevant "corrective actions" taken as soon as possible.

10. The validity of the present Statement is subjected to the satisfactory result of the intermediate audits and the Manufacturer premises, carried out according to the table included in this attachment. RINA reserves all the rights to perform unscheduled audits.

11. Any modification to the initial conditions (e.g. relevant to design characteristics of the product, production and control procedures, suppliers of main components) are to be promptly communicated to RINA, which reserves the right to require additional assessments.

12. In any case, RINA Surveyors are to be allowed to witness during the performance of production and control activities, upon their request.

13. RINA may suspend or withdraw the admission to the Alternative Testing Scheme in the case of modifications to requirements or conditions for initial admission.

General note and clarification:

- The **Flanges and Fittings** covered by the “alternative inspection scheme” are those agreed in the Quality Control Plan.
- The **Flanges and Fittings** intended for pressure piping system are divided into 3 class as per RINA Table hereafter attached.
- Mechanical test of **Flanges and Fittings** for **class I** piping systems having internal diameter equal to or greater than 50 mm and for **class II** piping systems having internal diameter equal to or greater than 100 mm are to comply with **RINA Rules for the Classification of Ships Part D. Ch. 2 Sec. 2 Par. 7.4.**
- Mechanical test of **Flanges and Fittings** for **class I** piping systems having internal diameter equal to or less than 50 mm and for **class II** piping systems having internal diameter equal to or less than 100 mm are to comply with **RINA Rules for the Classification of Ships Part D. Ch. 2 Sec. 2 Par. 7.4.**
- **Flanges and Fittings** for **class III** System may be waived from mechanical test and subject to visual and dimensional checks only, based on the Review of Mill's Certificate.

Pt C, Ch 1, Sec 10

Table 3 : Class of piping systems (1/7/2002)

Media conveyed by the piping system	CLASS I	CLASS II	CLASS III
Fuel oil (1)	$p > 1,6$ or $T > 150$	other (2)	$p \leq 0,7$ and $T \leq 60$
Thermal oil	$p > 1,6$ or $T > 300$	other (2)	$p \leq 0,7$ and $T \leq 150$
Flammable Hydraulic oil (5)	$p > 1,6$ or $T > 150$	other (2)	$p \leq 0,7$ and $T \leq 60$
Lubricating oil	$p > 1,6$ or $T > 150$	other (2)	$p \leq 0,7$ and $T \leq 60$
Other flammable media: • heated above flashpoint, or • having flashpoint $< 60^{\circ}\text{C}$ and liquefied gas	without special safeguards (3)	with special safeguards (3)	
Oxyacetylene	irrespective of p		
Toxic media	irrespective of p, T		
Corrosive media	without special safeguards (3)	with special safeguards (3)	
Steam	$p > 1,6$ or $T > 300$	other (2)	$p \leq 0,7$ and $T \leq 170$
Air, gases, water, non-flammable hydraulic oil (4)	$p > 4$ or $T > 300$	other (2)	$p \leq 1,6$ and $T \leq 200$
Open-ended pipes (drains, overflows, vents, exhaust gas lines, boiler escape pipes)			irrespective of T
(1) Valves under static pressure on fuel oil tanks belong to class II. (2) Pressure and temperature conditions other than those required for class I and class III. (3) Safeguards for reducing the possibility of leakage and limiting its consequences, e.g. pipes led in positions where leakage of internal fluids will not cause a potential hazard or damage to surrounding areas which may include the use of pipe ducts, shielding, screening, etc. (4) Valves and fittings fitted on the ship side and collision bulkhead belong to class II. (5) Steering gear piping belongs to class I irrespective of p and T. Note 1: p : Design pressure, as defined in [1.3.2], in MPa. Note 2: T : Design temperature, as defined in [1.3.3], in $^{\circ}\text{C}$.			

