



Test / Inspection No: BLA-722203669 001  
TUV Italia Job nr: 722203669

## Report regarding the Final Assessment / the Examination of a Component

Customer: DRAG'EAU SARL  
Manufacturer: DRAG'EAU SARL  
Equipment Type: "DEFANGATORE FISICO & ANTICALCARE FISICO"

Test / Inspection Specification: EN 13480  
Applied Technical Rule: EN 13480

### Marking / Labeling of the pressure equipment:

Marking on: DST-i 20, DS-i 25, DS-i 32, DS-i 50, DS-i 65  
DS-i 80, DS-i 100, DS-i 125, DS-i 150

Manufacturer's name and/or identification: EFT-i 15, EF-i 20, EF-i 25, EF-i 32, EF-i 40, EF-i 50, EF-i 65  
EF-i 80, EF-i 100, EF-i 125, EF-i 150

Year of manufacture: 2019

Type / Series / Batch number, Manufacturing / SN: "Defangatore fisico - range DS"  
"Anticalcare fisico - range EF"

Intended use: WATER TREATMENT, ANTI-SCALE,  
SLUDGE ELIMIN. , ANTI-CORROSION

### Other identification information:

|                                       |              |           |                     |
|---------------------------------------|--------------|-----------|---------------------|
| Chamber designation:                  |              |           |                     |
| Min / Max allowable pressure (bar):   | Min. 0       | Max. 25   | $\emptyset \leq 65$ |
| Min / Max allowable pressure (bar):   | Min. 0       | Max. 25   | $\emptyset > 65$    |
| Min / Max allowable temperature (°C): | Min -20°C    | Max 155°C | all                 |
| DN/Volume (Liter):                    |              |           |                     |
| Fluid contained:                      | H2O+ADDITIVE |           |                     |

Design examination and certification on:  
DST-i 20, DS-i 25, DS-i 32, DS-i 50, DS-i 65, DS-i 80, DS-i 100, DS-i 125, DS-i 150  
EFT-i 15, EF-i 20, EF-i 25, EF-i 32, EF-i 40, EF-i 50, EF-i 65, EF-i 80, EF-i 100, EF-i 125, EF-i 150

By: DRAG'EAU SARL  
Drawing / Document number or similar designation:  
DST-i 20, DS-i 25, DS-i 32, DS-i 50, DS-i 65, DS-i 80, DS-i 100  
EFT-i 15, EF-i 20, EF-i 25, EF-i 32, EF-i 40, EF-i 50, EF-i 65,

Defangatore fisico, range DS :  
DST-i 20, DS-i 25, DS-i 32, DS-i 50, DS-i 65  
DS-i 80, DS-i 100, DS-i 125, DS-i 150

Anticalcare fisico, range EF :  
EFT-i 15, EF-i 20, EF-i 25, EF-i 32, EF-i 40, EF-i 50, EF-i 65  
EF-i 80, EF-i 100, EF-i 125, EF-i 150

The documents were presented and are valid



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**Final Assessment / Examination of a Component / Final Inspection<sup>1)</sup>**

by the Testing Laboratory of TÜV Italia Srl.

**Inspections and examinations carried out, and results derived from it:**

Non-destructive Tests and Production Tests: Document No.: . N.A.  
Non-destructive Tests were presented. The tests were carried out by N.A.  
Test results comply with the requirements / Technical Rules.: **Compliant**  
The calibration certificates and the labels showed that the inspection / measuring / test equipment used for the inspections was calibrated:

| instrument (brand / model):    | Owned by: | instrument type:                                                                    | Calibration Cert. (LAT/Internal) N°:                                  |
|--------------------------------|-----------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| AEP – JET SERIAL NUMBER 922471 | TECNOMEC  | primary <input checked="" type="checkbox"/><br>second-line <input type="checkbox"/> | 302387-19 DEL 05-07-2019<br>(CERTIFICATO PRIMARIO<br>LAT 093 82218P ) |

The material certificates for the main pressure-bearing parts were presented and comply with the requirements / Technical Rules.

Visual inspection and dimensional checks were performed randomly: dimensional check of the main components (shell, heads, other parts: ) by the manufacturer. The inspections were carried out without objections.

Deviations, amendments or restrictions against the test / inspection specification: N.A.

**Proof (Pressure) Test in accordance with EN13 480 on:**

by: the Testing Laboratory of TÜV Italia Srl

|                       |                                                |  |  |
|-----------------------|------------------------------------------------|--|--|
| Chamber designation:  | "Defangatore Fisico" -<br>"Anticalcare Fisico" |  |  |
| Test pressure (bar):  | 25                                             |  |  |
| Pressure Test Medium: | WATER                                          |  |  |

**Conclusion:** The Examination of a Component / Final Inspection / Proof Test (<sup>1)</sup>) was performed in compliance with the requirements of the rule **EN 13480** and the order. The performance of the inspections / tests and their results shown no deviations.

**Remarks:**

The test results cover only the tested equipment / component described here.

A partial duplication of the test results without the written consent of TUV ITALIA is not permitted.

The final assessment and testing in accordance with rule **EN 13480** were performed by the manufacturer under witness of a representative of the TUV ITALIA.

**The certification of the Pressure Equipment is recommended.**

<sup>1</sup> cancel what not applicable



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**Additional notes:**

The pressure equipment was tested and inspected without constituent parts. Therefore, the testing and inspection of the constituent parts is still necessary.

The pressure equipment is subject to inspections prior to putting into service, and to periodic in-service inspections in accordance with the applicable rules and regulations.

**TÜV Italia Srl**

place **MARTINA FRANCA (TA)** , on date **02-08-2019**

A handwritten signature in black ink, appearing to read 'G. Meloni', written over a horizontal line.

(Nome, TÜV Italia S.r.l. Industrie Service)

**Annexes:**

*(Documents and information about material appraisals, approval of operating procedures, testing of safety devices, etc.)*

Material certificates for the main pressure bearing parts (shell, head, flanges, etc.)

Drawing(s)