

DIRECTIVE 2014/68/EU (PED) – MODULE F CONFORMITY TO TYPE BASED ON PRESSURE EQUIPMENT VERIFICATION

1. PURPOSE OF SERVICE

The purpose PED Module F service proposed by Bureau Veritas is to assess the conformity of pressure equipment or assemblies to module F requirements, as defined in Annex III of Pressure Equipment Directive 2014/68/EU (PED).

The service shall be performed in compliance with the contract entered into between Bureau Veritas and the Applicant and/or the Bureau Veritas General Terms and Conditions of Service.

2. SCOPE OF APPLICATION

The service is performed by Bureau Veritas as a notified body, recognized by a European Member State, in compliance with statutory requirements and its own general procedures.

The conformity assessment procedure as per Module F applies to manufacture, final inspection and testing of pressure equipment already positively assessed as per Module B3.1 or B3.2 (or module B or B1 according to 97/23/EC) and therefore having a valid EU type examination-production type certificate (Module B3.1) or EU type examination-design type certificate (module B3.2) or EC type examination certificate (Module B), or EC Design Examination (Module B1) issued to the applicant by a Notified Body.

The applicant, applying for the assessment of the equipment or assembly, is the manufacturer who is responsible for design, manufacture and tests or its authorised representative. He must retain overall control and have the necessary competence to take the responsibility for the product.

The conformity assessment procedure as per Module F is applicable to pressure equipment classified up to category IV as defined in the Annex II of Pressure Equipment Directive 2014/68/EU (PED) and to assemblies classified up to category IV as defined in art. 14.6b of PED.

3. APPLICABLE STANDARDS AND REGULATIONS

- European Directive 2014/68/EU (PED) and national transposition after July 19th, 2016
- The harmonized standards published in the Official Journal of the European Communities and national transpositions or equivalent standards ensuring the conformity with the essential safety requirements of the PED.
- European approvals for materials published in the Official Journal of the European Communities
- Official interpretation issued by European Commission (PED Guidelines) as published on the official website

4. PERFORMANCE OF SERVICE

The conformity assessment procedure as per Module F, defined in PED Annex III and proposed by Bureau Veritas, consists in carrying out examination and testing of each item of pressure equipment in order to check the conformity with the approved type described in the EU type examination-production type certificate or EU type examination-design type certificate and with relevant requirements of PED which apply to it.

For each pressure equipment the Bureau Veritas inspector will:

- Perform examinations required in the relevant standard related to manufacturing and testing in order to confirm conformity to type,
- Verify the qualification and approval of personnel undertaking the permanent joining and non-destructive tests in accordance to sections 3.1.2 and 3.1.3 of Annex I of PED.
- Review and verify the certificates issued by materials manufacturer in accordance with point 4.3 of annex I,
- Carry out the final inspection (internal and external surface inspection, checking of accompanying documents, attendance at pressure resistance test and, if applicable, examination of safety devices) and witness the proof test

5. CONDITION OF PERFORMANCE

The applicant must:

- Lodge an official conformity assessment application stating:
 - relevant assessment module, description of equipment concerned and its classification of risk category as per PED.
 - List of pressure equipment to be assessed.
 - Relevant EU type examination-production type certificate or EU type examination-design type certificate issued to the applicant by a notified body.

The application must be lodged by the applicant, using the model of Application Form provided by Bureau Veritas.

- Provide Bureau Veritas with full technical documentation in duplicate concerning the equipment for assessment, as stipulated for module F (cf. PED Annex III), regarding manufacture, final assessment and testing.
- Provide Bureau Veritas with any descriptions and explanations needed to understand pressure equipment drawings, diagrams and operation.
- Provide the inspector Bureau Veritas with any measures needed to perform the final inspection (e.g. preparation of the equipments, lifting means and easy access to all part to be inspected, good lighting system, supply of the fluids and accessories necessary for the tests).
- When requested by Bureau Veritas, provides all measuring equipment used during the fabrication, inspection and testing. The equipment shall be calibrated accordingly, and the evidence of the current calibration shall be provided to the PED inspector for verification. In case the applicant issues NCR relating to calibration, he shall inform Bureau Veritas and propose appropriate corrective actions.

The applicant must allow the Bureau Veritas access for inspection purposes to the locations of manufacture, inspection, testing and storage and provide it with all necessary information.

The Bureau Veritas inspector(s) must be accompanied by a competent person (appointed by the applicant) during the inspection.

The realization of the final assessment on the premises is possible only where the technical conditions laid down by the directive can be achieved and the technical manufacturing documentation is made available to the inspector.

The applicant is responsible for ensuring a safe working environment to the Bureau Veritas inspector(s), wherever the performance of work takes place. All appropriate measures must be taken, in accordance with applicable laws and regulation, international standards and state-of-the-art practices.

Evidences of satisfaction/performance of the above mentioned measures must be provided to the Bureau Veritas inspector(s) (if applicable) before the beginning of the inspection.

If Bureau Veritas Inspector evaluates that his health or safety is exposed to a serious, uncontrolled and imminent risk, he or she may postpone the inspection.

As requested by PED 2014/68/EU, the applicant shall:

- keep the technical documentation and the EU declaration of conformity for **10 years** after pressure equipment or assemblies have been placed on the market.
- further to a reasoned request from a competent national authority, provide it with all the information and documentation necessary to demonstrate the conformity of the pressure equipment or assembly with this Directive, in a language which can be easily understood by that authority

6. BUREAU VERITAS DELIVERABLES

The deliverables that may be expected from Bureau Veritas are:

- Upon completion of each inspection, a report is issued containing:
 - details of service performed,
 - observations made,
 - review of solutions proposed by the manufacturer to correct any discrepancies and non-conformities observed.
- When the conclusions of the final examination are satisfactory, a certificate of conformity relating to the test carried out which authorizes the applicant to affix the Bureau Veritas notified body identification number on the equipment concerned and draw up a declaration of conformity.

7. LIMITS OF THE PRESENT SERVICE

The maximum validity of the quality system approval certificate issued by Bureau Veritas is **3 years** and it cannot exceed the duration of the contract with Bureau Veritas.

This service does not comprise:

- Any service under the terms of another EC Directive applying to the relevant item,
- Design conformity assessment,
- Particular Material Appraisal
- Qualification of permanent joining procedures and operators where appropriate,
- Destructive and non-destructive tests.
- Approval, as Notified Body, of operating procedures and personnel for permanent joining.
- Qualification of Non-destructive tests personnel
- Approval, as Notified Body, of personnel for non-destructive tests
- Material Manufacturer Quality System Assessment
- Material Certificates of specific product control (e.g. Certificate type 3.2 as per EN 10204)

8. OTHER SERVICES

Subject to an express agreement by the parties, the assessment as per Module F service may be supplemented, when appropriate and/or allowed by the Notification held by Bureau Veritas, by other services such as:

- Qualification of welding procedures and welding operator
- Approval as Notified Body, of operating procedures and personnel for permanent joining
- Approval as notified body, of personnel for non-destructive tests.

9. COMPLAINTS AND APPEALS

Should the Applicant wish to appeal against or dispute any decision of Bureau Veritas, it should do so in accordance with the Bureau Veritas appeals procedure, available upon request.

Should a complaint arise about Bureau Veritas, such complaint shall in the first instance be made to the local Bureau Veritas office. If the Applicant does not wish to complain directly to the local Bureau Veritas office, the complaint shall be sent in writing to Bureau Veritas Services, Le Triangle de l'Arche - 8 Cours du Triangle 92800 Puteaux FRANCE, attention to I&F TQR Direction.

10. CONFIDENTIALITY

The national competent authority may request from Bureau Veritas as a Notified Body information which Bureau Veritas and the Applicant may consider confidential.

The provision of such information to the national competent authority is a mandatory requirement for Bureau Veritas as a Notified Body and shall not be considered as a breach of confidentiality by Bureau Veritas.

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