CERTIFICATION OF MATERIAL MANUFACTURER ACCORDING TO PED DIRECTIVE 2014/68/EU - ANNEX 1 § 4.3

1. PURPOSE OF SERVICE

The Certification of material manufacturer according to §4.3 of PED Directive proposed by Bureau Veritas is the assessment and certification of quality system of metallic material manufacturer in accordance with essential safety requirements defined in Directive 2014/68/EU, annexe 1 §4.3.

2. SCOPE OF APPLICATION

Assessment of the client's documented quality management system, of the implementation of these arrangements and of the documentation issued by the manufacturer of material.

The manufacturer can hold ISO 9001 certification or not.

3. APPLICABLE STANDARDS AND REGULATIONS

- Directive 2014/68/EU of 15 May 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of pressure equipment
- Codes and standards relating to material used for pressure equipment
- ISO 9001: Quality management systems - Requirements
- EN 764-4: Pressure Equipment – Part 4: Establishment of technical delivery conditions for metallic material
- EN 764-5: Pressure Equipment - Part 5: Compliance and Inspection Documentation of Material
- EN 10204: Metallic products - Types of inspection documents

4. PERFORMANCE OF SERVICE

The assessment is conducted by a qualified inspector according to following steps:

- Initial visit (one day) to define the audit programme; in particular, the visit will focus on: applicable technical specification of the material to be certified, list of production sites… The scope of certification may be reduced after initial visit (regarding list of codes & standards proposed by the manufacturer).
- Audit of manufacturer's facility for satisfactory implementation/ operation of quality system (2 days, but can be more depending on the result of initial visit, scope of certification…).
- 2 inspection visits per year.

A yearly periodic audit is then performed in order to assess the maintenance of the quality system.

Initial and periodic audits

Initial and periodic audits include at least the checking of the following items:

- Review of quality manual and internal procedures specific to evaluation of material under the scope of certification
- Capability of the manufacturer to fulfil requirements and production/shaping of material
- Witness DT and/ or NDT as required.
- Witness/ review resolution of defects, if any.

Inspection visits

Inspection visits include at least the following checking:

- List of material manufactured (with details of quantities)
- Witness of at least one chemical analysis, one sampling with DT, one hydrostatic or burst test (for tubes)…

Unexpected visits

Unexpected visits are carried out in the frame of assessment/surveillance for material manufacturing in order to check the quality management system implementation, perform a technical review and a material assessment.

5. CONDITIONS OF PERFORMANCE

Before the audit/visit the client sends to the Bureau Veritas inspector :

- contract details
- adequate written procedures and instructions
- documentation presented in a systematic and orderly manner

Modification of quality assurance system

The manufacturer must advise Bureau Veritas of any intended change to the approved system and/or equipment use during the production process and/or organization.

Revised documentation must be sent to Bureau Veritas for assessment; it will be checked if:

- the modifications have an impact on the certification
- any product covered by the initial certificate will continue to meet the regulations.

If necessary, additional assessment may be carried out at the manufacturer site; it can consist in a specific audit and/or an inspection visit. If new equipment is used during the production process, this audit and/or visit is required in any case.

The final decision will be addressed to the manufacturer; a revision to the initial certificate may be issued.

6. BUREAU VERITAS DELIVERABLES

Bureau Veritas will issue an audit report and a Quality system certificate.

The certificate is valid for 3 years provided that periodic audits and unexpected visits are satisfactory.

Re-assessment is required to extend period of validity of certificate.

The manufacturer is requested to answer within 10 days after the report issuance, with proposals of corrective actions in case of non-conformities.

The manufacturer is requested to send evidences of corrective actions implementation within 3 months after report issuance.

In case the manufacturer does not respect this provision, the certificate can be suspended or withdrawn.

7. LIMITS OF THE PRESENT SERVICE

Casted material is not covered by this scope of services.

8. OTHER SERVICES

General supplementary services are listed in applicable scope of service description provided by Bureau Veritas and relevant to PED Module chosen by the manufacturer.

In particular, subject to an express agreement by the parties, the assessment service may be supplemented, when appropriate and/or allowed by the Notification held by Bureau Veritas, by PED assessment of single item to be included in the assembly, through a separate conformity assessment procedure.