

Food - Chocolate - Brewery - Dairy - Chemical - Pharmaceutical - Cosmetics

**1. GENERAL CODES-STANDARDS-DOCUMENTATIONS AND OBTAINED CERTIFICATES APPLIED TO NEW ATMOSPHERICAL TANKS TYPE K, TYPE CHC, TYPE JNV, TYPE VC, TYPE CB, TYPE CCT & TYPE BBT:**

**EN13920** – General construction code for storage-tanks regarding dimensional tolerances.

**ISO 13920:1996** – Welding - General tolerances for welded constructions - Dimensions for lengths and angles - Shape and position

**EN1672-2/2005+A1/2009** – General standard for food processing machinery- basic concepts- Part 2: Hygiene standards.

**EN10088:2005** – General standard for new materials – stainless-steels.

**DIN EN ISO 3834-2** – Certificate N° 07-202-9020 EN 2175/9 – Certificate for fusion welding suitability and quality requirements of metallic materials, stainless-steels.

**ISO-9001: 2008** Certificate N° QS-2259 HH – Certificate for quality management and continuous improvement.

**INTERNAL PROTOCOL** for hydraulic tests on finished tanks under supervision by an internal international quality engineer.

**INTERNAL PROTOCOL** for quality certificate issued per each tank supervision by an internal international welding engineer.

**WPQR(LMK)(QMOS)** – **W**elding **P**rocedure **Q**ualification **R**ecord (**L**as **M**ethode **K**walificatie) (**Q**ualification **M**éthode **O**pératoire **S**oudage)

**WPS** – **W**elding **P**rocedure **S**pecification

**DOCUMENTATION:**

- Welder certificates EN287.1
- Material list for main tank body parts.
- Material certificates 3.1.
- WPS weldplan.
- Certificates welding wire 2.2.
- WPQR.
- Maintenance instruction.

**1.1.ADDITIONAL CODES-STANDARDS-DOCUMENTATIONS TO POST1. IN CASE OF PRESSURIZED TANKS :**

**PED CE DECLARATION OF CONFORMITY** – Statement of requirements in accordance of the directive 97/23/EC (PED)

**EN13445-3 CALCULATIONS** – Accordance of calculations for strength.

**X-RAY CONTROL** – Prescribed X-ray controls by an independent laboratory in accordance with the design documentation under supervision of the internal quality managing engineer and executed by a Notified Body.

**PENETRANT/VISUAL TESTING** – Prescribed penetrant/visual testing performed under supervision of the internal quality engineer and executed by a Notified Body.

**TRACEABILITY** – Guaranteed by the Management system in force and certified according to ISO 9001 :2008.

**HAZARD ANALYSIS** – Analysis for intended use.

**OPERATION AND MAINTENANCE MANUAL** – Instructions for intended use and maintenance obligatory for warranty and longevity

**HYDRAULIC TEST REPORT** – Supervised by the internal quality managing engineer and notified body.

**QUALITY CERTIFICATE** – Drawn together by the internal quality managing engineer.

**1.2.ADDITIONAL CODES-STANDARDS-DOCUMENTATIONS TO POST1. IN CASE OF MOVING PARTS(AGITATORS) :**

**TRACEABILITY** – Guaranteed by the Management system in force and certified according to ISO 9001 :2008.

**HAZARD ANALYSIS** – Analysis for intended use.

**OPERATION MANUAL** – Instructions for intended use.

**MAINTENANCE MANUAL** – Maintenance obligatory for warranty and longevity.

**QUALITY CERTIFICATE** – Drawn together by the internal quality managing engineer.

**CE DECLARATION OF CONFORMITY** – Statement of requirements in accordance of the directive 2006/42/EC