mecesa®

SINCE 1952

MECESA IS A DESIGNER AND MANUFACTURER COMPANY FROM BARCELONA SPECIALIZED IN FITTINGS AND COMPONENTS FOR INDUSTRIAL INSTRUMENTATION LINES BORN IN 1952.

MECESA DESIGNS AND MANUFACTURES FOR A WIDE VARIETY OF INDUSTRIAL FIELDS LIKE ENERGY GENERATION, NUCLEAR, OIL&GAS, CHEMICAL AND PETROCHEMICAL, WATER TREATMENT, FEEDING AND IN GENERAL FOR ANY INSTALLATION WITH INSTRUMENTATION LINES.

Barcelona 1956

WHY MECESA?

- **BACKGROUND AND EXPERIENCE:** since 1952, MECESA has supplied fittings and components for industrial instrumentation lines in more than 1000 companies from more than 50 countries

- **QUALITY OF MECESA PRODUCTS:**

ROBUST QMS: quality management system is audited by AENOR/IQNet according to **ISO 9001** since 1996 for industrial requirements and audited by GES according to **UNE 73.401** since 1995 for nuclear requirements. System includes testing of 100% of items and full traceability of raw materials and processes of design, manufacturing, testing, storage and delivery.

MATERIALS: all raw materials meet with ASME or EN standards and come from reputed European manufacturers audited by MECESA according to our QMS.

The material traceability is guaranteed by the number of casting and the number of manufacturer quality certificate exposed on quality certificates issued by MECESA according to standard EN 10.204 3.1. This certificate also includes: chemical composition, mechanical properties and thermal treatments and special tests required by the standard.

QUALITY REPORTS: certificates acc. to EN 10204:2006 (types 2.1, 2.2, 3.1 and 3.2), quality project book, origin certificate, tests report and any required quality documentation.

TESTS & INSPECTIONS: hydrostatic test pressure, *MAWP* determining test (Maximum Allowable Working Pressure), *PMI* (Positive Material Identification), *Rx* (Radiographic), *LPE* (Liquid Penetrant Examination), etc.

MECESA's facilities are ready to perform most current quality tests and welcome the quality third-party companies to witness about features and performance of products.

- **SUPPORT & CUSTOMER SERVICE:** from inquiry, during offer stage, on commissioning and the subsequent maintenance, the commercial, technical and logistic support offered by Mecesa makes of it a value supplier and a good ally.

HEAD OFFICE AND FACTORY
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PRODUCT RANGE SUMMARY

The wide range of MECESA products and its capacity for designing, manufacturing and testing new components according to specific customer requirements, let us offer solutions for most industrial scenarios.

- **FITTINGS:** up to 2", connections: double ferrule compression, threaded or welded. Materials acc. to ASME/EN and available for all applications (lock, union, adapter, reduction, dielectric union, etc.) with all designs (plug, tee, elbow, cross, straight, for panel, etc.)

- **VALVES:** needle, ball, check, gauge or membrane, rating up to 10.000PSI, connections: double ferrule compression, threaded or welded. Material acc. to ASME/EN and wide range of designs and options (purge, seat, micrometric control, PTFE/Graphite, straight or "L" or "T" design, for panel, gauge, etc.)

- **MANIFOLDS:** from 1 to 6 valve configurations, rating up to 10000 PSI, connections: double ferrule compression, thread, weld or with flange. Materials acc. to ASME/EN and wide range of options and designs (monoflange compact, with one or two purges, actuator, PTFE/Graphite, ball stem end/ cone stem end, etc.). All operation schemes and designs fully compatible with leading manufacturers of transmitters.

- **PROCESS INTERFACE VALVES – DOUBLE BLOCK AND BLEED (DBB):** 6000PSI, connection: flange, threaded or welded. Materials acc. to ASME/EN, PTFE/Graphite, Bolted or Threaded bonnet

- **CONDENSATE POTS / COLLECTORS:** designed according to service conditions or according to specifications from customer, materials ASME/EN, connections threaded or welded, fully tested. Optional: radiograph test for weld parts, penetrant liquids test, etc.

- **TUBING AND PIPING:** some of the most reputed European or North American brands are distributed by MECESA to deliver complete instrumentation packages

- **COMPLETE RANGE OF SAFETY DEVICES:** Pressure Safety and Relief Valves, Rupture Disks, Emergency Pressure Vent Covers, Flame Arresters, Pressure Vacuum Valves and accessories.

I+D+I

Some customized designs according to customer specifications:

MANIFOLD 100% PTFE – 2 VALVES

MANIFOLD 100% PTFE – 3 VALVES

MANIFOLD – 2 VALVES + 1 SAFETY VALVE

MANIFOLD – 5 VALVES (ASME III)

MANIFOLD – 2 VALVES

MANIFOLD – 6 VALVES

MANIFOLD – 3 VALVES FL. CONNECTION

DISTRIBUTORS

BRASS NEEDLE SW VALVE – PIPE END

MANIFOLD – 2 VALVES 10,000PSI

10.000 PSI NEEDLE VALVE – NPT

100% HASTELLOY PSV – SPECIAL FOR NPP

INTERNATIONAL PROJECTS WITH MECESA MATERIAL:

The Mecesa products are operating in more than 500 plants. MECESA is involved as supplier on the erection of projects around the world and thereafter in the maintenance of these with a high quality service based on a large stock of products tested and ready to ship and installation.

PROJECTS AND CUSTOMERS

LOCATION & CONTACT

HEAD OFFICE **AND OFFICES**

Location:	Barcelona area, Spain
Address:	Joan Monpeó, 35, 08223 Terrassa
Offices in Spain:	10 (in industrial areas)

CONTACTS

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mecesa®

SINCE 1952

we are:

designers

manufacturers

from Barcelona area

instrumentation specialists