

# EU-TYPE EXAMINATION CERTIFICATE – PRODUCTION TYPE

Certificate No.:  
256150-2018-CE-ITA-ACCREDIA

Initial date:  
26 February, 2018

Valid:  
26 February, 2018 – 25 February, 2028

This certificate consists of 4 pages

This is to certify that representative examples of products manufactured by

## **L.C.M. ITALIA S.p.A. con Socio Unico**

Via Dei Ciclamini, 820020 Vanzaghello (MI) - Italy

have been assessed with respect to the conformity assessment procedure described in

### **ANNEX III MODULE B – PRODUCTION TYPE OF DIRECTIVE 2014/68/EU ON PRESSURE EQUIPMENT**

and found to comply with the requirements in Annex I – Essential Safety Requirements of the Directive.

The certificate is valid for the following products:

Type of Pressure Equipment	<b>Pressure accessory</b>
Product Name	<b>Ball valves</b>
Product Version	<b>Trunnion mounted and floating ball valve 2” and 3”</b>

Place and date:  
**Vimercate 07 March, 2018**



SGQ N° 003 A  
SGA N° 003 D  
SGE N° 007 H  
SCR N° 004 F

EMAS N° 009 P  
PRD N° 003 B  
PRS N° 094 C  
SSI N° 002 G

Member of MLA EA per gli schemi di accreditamento  
SGQ, SGA, PRD, PRS, SSP, GNG, LAB e LAT, di MLA DAF  
per gli schemi di accreditamento SGQ, SGA, SSI, PSP  
e PRD e di MRA (LAC) per gli schemi di accreditamento  
LAB, MED, LAT e ISP.

For the notified body 0496:  
**DNV GL Business Assurance Italia  
S.r.l.**

**Nicola Privato**  
Management Representative

Certificate No.: 256150-2018-CE-ITA-ACCREDIA  
 Place and date: Vimercate 07 March, 2018  
 Revision No.: 0

### Jurisdiction

Application of Directive 2014/68/EU and Decreto Legislativo n. 26 of 15 February 2016

### Certificate history

Revision	Description	Issued date
0	First Issue	07 March, 2018

### Products covered by this certificate

Product name	Product description	Product version	PED Category	Product standard
Ball Valve	Trunnion mounted and floating ball valve 2" and 3"	Trunnion mounted DN 50 Class 300 DN 50 Class 600 DN 50 Class 900 DN 80 Class 600 DN 80 Class 900 Floating bolted body DN 50 Class 150 DN 80 Class 150	II	EN 12516-1, EN 12516-2, 12266-1

### Sites covered by this certificate

Product name	Product description	Site Address	Date	Report ref
Ball Valve	Trunnion mounted DN 50 Class 300 DN 50 Class 600 DN 50 Class 900 DN 80 Class 600 DN 80 Class 900 Floating bolted body DN 50 Class 150 DN 80 Class 150	Via Dei Ciclamini, 820020 Vanzaghello (MI)	06 11, 2017	PRJC-567789-2017- 061117 MAE PED
			18 01, 2018	DRR -LCM -Ball Valves dn50_300_2017FINAL
			17 01, 2018	DRR -LCM -Ball Valves_2017FINAL Z0567789-20180117-MRG

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### Documents reviewed

Document No	Rev	Date	Title	Status
TRUNNION MOUNTED BALL VALVE DN 50 Class 600				
C17002701	3	10 11, 2017	DISEGNO G.A.	A
DN 50 Class 600	0	24 02, 2017	DN 50 Class 600 - Bolt calculation	A
DN 50 Class 600	1	14 11, 2017	DN 50 Class 600 - Drive train calculation	A
DN 50 Class 600	1	23 02, 2017	DN 50 Class 600 - Shell thickness calculation	A
DN 50 Class 600	1	14 11, 2017	600 DN 50 Class 600 - Torque calculation	A
TRUNNION MOUNTED BALL VALVE DN 50 Class 900				
C17002708	3	10 11, 2017	DISEGNO G.A.	A
DN 50 Class 900	0	24 02, 2017	DN 50 Class 600 - Bolt calculation	A
DN 50 Class 900	1	14 11, 2017	DN 50 Class 600 - Drive train calculation	A
DN 50 Class 900	1	23 02, 2017	DN 50 Class 600 - Shell thickness calculation	A
DN 50 Class 900	1	14 11, 2017	DN 50 Class 600 - Torque calculation	A
TRUNNION MOUNTED BALL VALVE DN 80 Class 600				
C17002705	3	10 11, 2017	DISEGNO G.A.	A
DN 80 Class 600	0	24 02, 2017	DN 50 Class 600 - Bolt calculation	A
DN 80 Class 600	1	14 11, 2017	DN 50 Class 600 - Drive train calculation	A
DN 80 Class 600	1	23 02, 2017	DN 50 Class 600 - Shell thickness calculation.	A
DN 80 Class 600	1	14 11, 2017	DN 50 Class 600 - Torque calculation	A
TRUNNION MOUNTED BALL VALVE DN 80 Class 900				
C17002808	3	10 11, 2017	DISEGNO G.A.	A
DN 80 Class 900	0	24 02, 2017	DN 50 Class 600 - Bolt calculation	A
DN 80 Class 900	1	14 11, 2017	DN 50 Class 600 - Drive train calculation	A
DN 80 Class 900	1	23 02, 2017	DN 50 Class 600 - Shell thickness calculation.	A
DN 80 Class 900	1	14 11, 2017	DN 50 Class 600 - Torque calculation	A
FLOATING BALL VALVE DN 50 Class 150				
C17002709	3	10 11, 2017	DISEGNO G.A.	A
DN 50 Class 150	0	24 02, 2017	DN 50 Class 150 - Bolt calculation	A
DN 50 Class 150	1	14 11, 2017	DN 50 Class 150 - Stem calculation	A
DN 50 Class 150	1	23 02, 2017	DN 50 Class 150 - Shell thickness calculation	A
DN 50 Class 150	1	14 11, 2017	DN 50 Class 150 - Torque calculation	A
FLOATING BALL VALVE DN 80 Class 150				
C17002609	0	27 06, 2017	DISEGNO G.A.	A
DN 80 Class 150	0	24 02, 2017	DN 80 Class 150 - Bolt calculation	A
DN 80 Class 150	1	14 11, 2017	DN 80 Class 150 - Stem calculation	A
DN 80 Class 150	1	23 02, 2017	DN 80 Class 150 - Shell thickness calculation.	A
DN 80 Class 150	1	14 11, 2017	DN 80 Class 150 - Torque calculation	A

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COMMON DOCUMENTS				
DRA001	3	12 01, 2017	RISK ANALYSIS	FI
ESR001	0	11 01, 2017	ESSENTIAL SAFETY REQUIREMENT	FI
IOM T40 E00	0	07 07, 2017	INSTRUCTION & OPERATING MANUAL	FI
MEF02	8	03 07, 2017	INSTRUCTION & MAINTENANCE MANUAL	FI
PMA 002A	1	05 01, 2018	PMA SA 350 LF2	A
PMA 023	1	25 02, 2017	PMA SA 320 L7	A
PMA 0 19	3	05 01, 2018	PMA SA434 UNS G41400	A
PMA 020A	1	05 01, 2018	PMA A479 TP 410	A
TRUNNION MOUNTED BALL VALVE DN 50 Class 300				
C17002811	1	10 11, 2017	DISEGNO G.A.	A
DN 50 Class 300	0	24 02, 2017	DN 50 Class 300 - Bolt calculation	A
DN 50 Class 300	1	14 11, 2017	DN 50 Class 300 - Mavit calculation	A
DN 50 Class 300	1	23 02, 2017	DN 50 Class 300 - Shell thickness calculation.	A
DN 50 Class 300	1	14 11, 2017	DN 50 Class 300 - Torque calculation	A
PMA 010	1	24 05, 2005	PMA SA 182 F321	A
PMA 029	1	24 05, 2005	PMA SA 320 B8CL1	A
PMA 005	1	24 05, 2005	PMA A 182 F316	A

\*) A=Approved, FI=For information

### Terms and conditions for the certificate

This Certificate does not give the Manufacturer the right to CE mark and put on the market the product(s) listed on this Certificate. Only after the product(s) have been found to comply with the requirements in one of the following Conformity Assessment Modules C2, D, E or F, the Manufacturer may draw up an EC declaration of conformity and legally affix the CE mark followed by the identification number of the Notified Body involved in these modules.

Other valid terms and conditions are found in the DNV GL's PED Certification Rules.

END OF CERTIFICATE