

EU DESIGN EXAMINATION CERTIFICATE

This is to certify that Lloyd's Register Verification, a Notified Body under the terms of:
The Pressure Equipment Directive 2014/68/EU;
The Pressure Equipment (Safety) Regulations 2016, UK Statutory Instrument 2016 No. 1105, did (in accordance with Module H1 of the Directive) undertake an EU Design Examination on the stated pressure equipment to ensure its conformity with the requirements of the Directive which apply to it. The equipment identified below was shown to comply.

This certificate is issued to:

APPLICANT: TOTALGAZ INDUSTRIE S.R.L.
Soseaua Pacurari N° 128
Iasi
700545 Romania

PRODUCT DESCRIPTION: Gas regulators and shut off valve

PRODUCT TYPE: RTG 423 SB AM & RTG 423 AM

DESIGN STANDARD: EN 14382:2005 + A1:2009 & EN 334:2005 +A1:2009

The attached Schedule details the content of the Technical Documentation and Specified Standards and shall form a part of this certificate.

"This Certificate is not valid for pressure equipment, the design, ratings or operational parameters of which have been varied from the specimen tested. The manufacturer shall notify LR of any modification or changes to the equipment in order to maintain a valid certificate."

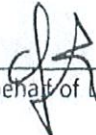
This certificate is only valid in conjunction with the applicant's approved quality management system, as required by module H1 of the Directive.

Certificate No: 0038/PED/BUC 1700101/01

Original Approval: 18th July 2017

Current Certificate: 18th July 2017

LRV Notified Body Number 0038


G. Agazzino on behalf of Lloyd's Register Verification

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Lloyd's
Register

EU DESIGN EXAMINATION (MODULE H1)
TOTALGAZ INDUSTRIE S.R.L.
Gas regulators and shut off valve
CERTIFICATE NO. 0038/PED/BUC 1700101/01 SCHEDULE

Equipment data

Type: RTG 423 SB AM & RTG 423 AM
Maximum Design Pressure: from PN 16 to PN 63 (150# to 300#) bar
Capacity: DN 25 to DN 300

The undermentioned documents have been reviewed for compliance with the Pressure Equipment Directive 2014/68/EU and following Design Code(s):

EN 14382:2005 + A1:2009 & EN 334:2005 +A1:2009

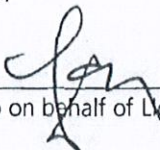
Technical File Contents

Title	Document Number	Rev.	Date
RTG 423 SB AM	423.SB.080.a.b	A-03	12.07.2017
RTG 423 AM	423.080.a.b	A-02	12.07.2017
Mecanism 423 SB AM	M423.SB.080.** Sh.1/2÷2/2	A-02	12.07.2017
Mecanism 423 AM	M423.20.080.** Sh.1/2÷2/2	A-02	12.07.2017
Corp 423 DN 50 PS 20	C423.20.050.*	A-01	12.07.2017
Corp 423 DN 80 PS 20	C423.20.080.*	A-01	12.07.2017
Corp 423 DN 100 PS 20	C423.20.100.*	A-01	12.07.2017
Corp 423 DN 150 PS 20	C423.20.150.*	A-02	12.07.2017
Corp 423 DN 200 PS 20	C423.20.200.*	A-01	12.07.2017
Corp 423 DN 250 PS 20	C423.20.250.*	D-02	12.07.2017
Corp 423 DN 300 PS 20	C423.20.300.*	A-02	12.07.2017
Corp 423 DN 25 PS 50	C423.50.025.*	A-01	12.07.2017
Corp 423 DN 40 PS 50	C423.50.040.*	A-01	12.07.2017
Corp 423 DN 50 PS 50	C423.50.050.*	A-01	12.07.2017
Corp 423 DN 80 PS 50	C423.50.080.*	A-01	12.07.2017

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Date of Schedule Issue: 18th July 2017

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Technical File Contents (Cont'd)

Corp 423 DN 100 PS 50	C423.50.100.*	D-02	12.07.2017
Corp 423 DN 150 PS 50	C423.50.150.*	D-01	12.07.2017
Corp 423 DN 200 PS 50	C423.50.200.*	A-04	12.07.2017
Corp 423 DN 250 PS 50	C423.50.250.*	D-02	12.07.2017
Corp 423 DN 300 PS 50	C423.50.300.*	0	12.07.2017
Capac Vizitare 423-50-20	423.050.0201.0006	A-03	12.07.2017
Capac Vizitare	423.050.0163.0101	D-01	12.07.2017
Capac Vizitare	423.080.0202.0007	A-01	12.07.2017
Capac Vizitare DB 423-80	750.080.0161.0201	A-01	12.07.2017
Capac Vizitare DB 750A_100_16	423.100.0162.0101	A-01	12.07.2017
Capac Vizitare	423.100.0161.0005	A-01	12.07.2017
Capac SB 750A DN 150 PN16	750.150.0160.0101	A-01	12.07.2017
Capac Vizitare	423.150.0201.0027	A-01	12.07.2017
Capac Vizitare DB 200/16	423.200.0161.0101	A-01	12.07.2017
Capac Vizitare	423.200.1501.0027	A-01	12.07.2017
Capac Vizitare	423.250.0161.0011	A-01	12.07.2017
Capac DB 750A_250_16	750.250.0161.0201	A-01	12.07.2017
Capac Vizitare DB_300_016	750.300.0161.0102	A-02	12.07.2017
Capac Vizitare 423_300_20	423.300.0161.0011	0	12.07.2017
Capac Vizitare RTG 423 DN 25	1423.0025.0632.0120	A-01	12.07.2017
Flansa Oarba	423.040.0401.0009	A-01	12.07.2017
Capac Vizitare	750.040.0401.0205	A-01	12.07.2017
Capac Vizitare 423_DN 50	0423.0050.1101.0080	0	12.07.2017
Capac Vizitare	11750.0050.040.001.2110	A-01	12.07.2017
Capac Vizitare 423-80	1423.0080.0643.0010	A-01	12.07.2017
Capac Vizitare DB 423-80	1750.0080.0644.2010	D-01	12.07.2017
Capac Vizitare DB 750A_100_40	2750.0100.0400.1010	A-01	12.07.2017
Capac Vizitare DB 750A_100_40	2750.0100.0400.1020	A-01	12.07.2017
Capac Vizitare 423 DN150	2423.0150.0401.0060	A-01	12.07.2017
Capac Vizitare SB	750.200.0402.2010	A-01	12.07.2017

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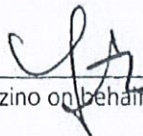
Technical File Contents (Cont'd)

Capac Vizitare	423.200.0402.2010	A-01	12.07.2017
Capac Vizitare	423.250.1001.00110	A-01	12.07.2017
Capac DB 750A_250	750.250.0251.0201	A-01	12.07.2017
Capac Vizitare DB_300_025	750.300.0251.0101	0	12.07.2017
Capac Vizitare 423_300	423.300.0401.0002	A-01	12.07.2017
Flansa – Ghidaj 42350-20	423.050.0201.0004	A-02	12.07.2017
Piesa Legatura	423.080.0201.0004	A-01	12.07.2017
Piesa Legatura	423.100.0161.0004	A-01	12.07.2017
Piesa Legatura 423DN 150cl_150	423.150.0201.0004	A-01	12.07.2017
Piesa Legatura	423.200.0201.0004	A-01	12.07.2017
Piesa Legatura	423.250.0161.0004	A-01	12.07.2017
Piesa Legatura 423_300_20	423.300.0201.0004	A-01	12.07.2017
Piesa Legatura	423.025.0631.0011	A-01	12.07.2017
Piesa Legatura	423.040.0401.0004	D-01	12.07.2017
Piesa Legatura 423 DN 50	0423.0050.1101.2010	D-01	12.07.2017
Piesa Legatura 423-80	1423.0080.0643.0020	A-01	12.07.2017
Piesa Legatura 423 DN 100 ES	1423.0100.1105.2010	A-01	12.07.2017
Piesa Legatura 423 DN 150	2423.0150.0401.0010	D-01	12.07.2017
Piesa Legatura	423.200.0401.0050	D-01	12.07.2017
Piesa Legatura	423.250.1001.0040	A-01	12.07.2017
Piesa Legatura	423.300.0401.0040	A-01	12.07.2017
Capac Inferior Membrana	423.050.0202.0014	A-01	12.07.2017
Capac Inferior Membrana	5423.050.40.0020	A-01	12.07.2017
Capac Inferior 423 DN 150 PN 16	423.150.0201.0017	A-01	12.07.2017
Capac Inferior Membrana	423.025.0631.0008	A-01	12.07.2017
Capac Inferior Membrana	423.040.0401.0008	A-01	12.07.2017
Capac Inferior 1423_050_040_000	1423.0050.040.000.2020	A-01	12.07.2017
Capac Inferior 423_80_40	1423.0080.0403.0060	A-01	12.07.2017

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Capac Inferior Membrana 423_100	1423.0100.0403.3010	A-01	12.07.2017
Capac Inferior 423 DN 150	2423.0150.0401.0070	A-01	12.07.2017
Capac Inferior	9423.0300.0501.0060	A-02	12.07.2017
Capac Superior Membrana	423.025.0631.2001	A-01	12.07.2017
Capac Superior 1423_050_040_000	1423.0050.040.000.5010	A-01	12.07.2017
Capac Superior Membrana	0423.0050.0501.5010	A-01	12.07.2017
Capac Superior 423 DN 150	2423.0150.0401.2010	A-02	12.07.2017
Capac Superior	9423.0300.0501.6010	A-02	12.07.2017
Ghidaj Compensare	423.025.0631.2002	A-01	12.07.2017
Ghidaj Compensare IM	0423.0050.0501.5020	A-01	12.07.2017
Ghidaj Compensare IM	0423.0050.0501.5030	A-01	12.07.2017
Ghidaj Compensare	9423.0300.0501.6020	A-01	12.07.2017
Ghidaj Compensare	423.300.0401.0602	A-01	12.07.2017
PRE-REGULATOR R 103	103.014.1102.0000	D-01	12.07.2017
PILOT P510	510.014.40.0502	0	12.07.2017
PILOT P510 HP	510.008.3002	0	12.07.2017
Placa Timbru RTG 423	423.105 x 80	A-01	12.07.2017
Placa Timbru RTG 423 SB AM	423.105 x 105	A-01	12.07.2017
CALCULATION NOTE Tip RTG 423	2148	=	10.05.2017
CALCULATION NOTE Tip SB 750 (Shut-off device)	2240	=	21.06.2017
CALCULATION NOTE Pilot & Pre-Regulator	2292	=	20.06.2017
RISK ANALYSIS RESULTS	2254	=	02.05.2017
INSTRUCTIONS FOR OPERATING	2255	=	08.05.2017

LR Reports

Title	Document Number	Date
Design Appraisal Document	BUC1700101	12.07.2017

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