

Loc pentru
Timbru Sec

CERTIFICAT DE EXAMINARE EC DE TIP

EC TYPE EXAMINATION CERTIFICATE

Examinarea EC de tip conform directivei 97/23/EC, Modul B (HG 584/2004)
EC type examination according to Directive 97/23/EC, Module B (GD 584/2004)

Nr. certificat: 069 – 584/EC
Certificate No.:

**Nume și adresă
producător:**
Name and Address
of Manufacturer:

SC TOTALGAZ SA
Str. Rediu nr. 1-3, Iasi, Romania

Produs:
Product:

STATII DE REGLARE - MASURARE GAZ
Tip: SRMTG (conform anexa)
Regulating measurement gas station (see the annex)

Nr. raport evaluare finală: 02-256-584-02-07
Final assessment report no

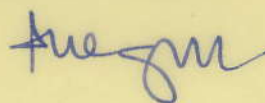
Prin prezenta certificăm faptul că produsul respectă cerințele din directiva 97/23/EC, anexa III (HG 584/2004, anexa 4, pct. 3).

We herewith certify that the product meets the requirements from the Directive 97/23/EC, annex III (GD 584/2004, annex 4, par. 3).

02.03.2007
București

Valabil pana la 02.03.2017
Valid until

SC ISCIR-CERT SA
Director General
General Director
Ing. Stelian Negoescu



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web: www.iscirtcert.ro

Număr organism notificat: 1798
Notified Body Number:

Anexa la certificatul nr. 069-584/EC – Statii de masurare – reglare gaz
Annex to certificate no. 069-584/EC- Regulating measurement gas stations

STATII REGLARE-MASURARE Pn 6

- | | |
|----------------------------------|----------------------------------|
| 1. SRM 200/2/1-6/2(3)-40/50 | 1. SRM 200/3/1-6/2(3)-40/50 |
| 2. SRM 500/2/1-6/2(3)-80/80 | 2. SRM 500/3/1-6/2(3)-80/80 |
| 3. SRM 700/2/1-6/2(3)-80/100 | 3. SRM 700/3/1-6/2(3)-80/100 |
| 4. SRM 1000/2/1-6/2(3)-100/125 | 4. SRM 1000/3/1-6/2(3)-100/125 |
| 5. SRM 1200/2/1-6/2(3)-100/125 | 5. SRM 1200/3/1-6/2(3)-100/125 |
| 6. SRM 2200/2/1-6/2(3)-125/150 | 6. SRM 2200/3/1-6/2(3)-125/150 |
| 7. SRM 3500/2/1-6/2(3)-150/200 | 7. SRM 3500/3/1-6/2(3)-150/200 |
| 8. SRM 5000/2/1-6/2(3)-200/250 | 8. SRM 5000/3/1-6/2(3)-200/250 |
| 9. SRM 7500/2/1-6/2(3)-250/300 | 9. SRM 7500/3/1-6/2(3)-250/300 |
| 10. SRM 10000/2/1-6/2(3)-300/350 | 10. SRM 10000/3/1-6/2(3)-300/350 |
| 11. SRM 15000/2/1-6/2(3)-350/400 | 11. SRM 15000/3/1-6/2(3)-350/400 |
| 12. SRM 20000/2/1-6/2(3)-400/450 | 12. SRM 20000/3/1-6/2(3)-400/450 |
| 13. SRM 30000/2/1-6/2(3)-450/500 | 13. SRM 30000/3/1-6/2(3)-450/500 |

STATII REGLARE-MASURARE Pn 16

- | | |
|-----------------------------------|-----------------------------------|
| 1. SRM 200/2/1-16/2(3)-40/50 | 1. SRM 200/3/1-16/2(3)-40/50 |
| 2. SRM 500/2/1-16/2(3)- 80/80 | 2. SRM 500/3/1-16/2(3)- 80/80 |
| 3. SRM 700/2/1-16/2(3)- 80/100 | 3. SRM 700/3/1-16/2(3)- 80/100 |
| 4. SRM 1000/2/1-16/2(3)-100/125 | 4. SRM 1000/3/1-16/2(3)-100/125 |
| 5. SRM 1200/2/1-16/2(3)-100/125 | 5. SRM 1200/3/1-16/2(3)-100/125 |
| 6. SRM 2200/2/1-16/2(3)-125/150 | 6. SRM 2200/3/1-16/2(3)-125/150 |
| 7. SRM 3500/2/1-16/2(3)-150/200 | 7. SRM 3500/3/1-16/2(3)-150/200 |
| 8. SRM 5000/2/1-16/2(3)-200/250 | 8. SRM 5000/3/1-16/2(3)-200/250 |
| 9. SRM 7500/2/1-16/2(3)-250/300 | 9. SRM 7500/3/1-16/2(3)-250/300 |
| 10. SRM 10000/2/1-16/2(3)-300/350 | 10. SRM 10000/3/1-16/2(3)-300/350 |
| 11. SRM 15000/2/1-16/2(3)-350/400 | 11. SRM 15000/3/1-16/2(3)-350/400 |
| 12. SRM 20000/2/1-16/2(3)-400/450 | 12. SRM 20000/3/1-16/2(3)-400/450 |
| 13. SRM 30000/2/1-16/2(3)-450/500 | 13. SRM 30000/3/1-16/2(3)-450/500 |

STATII REGLARE-MASURARE-PREDARE

Pn 64

Pn 25

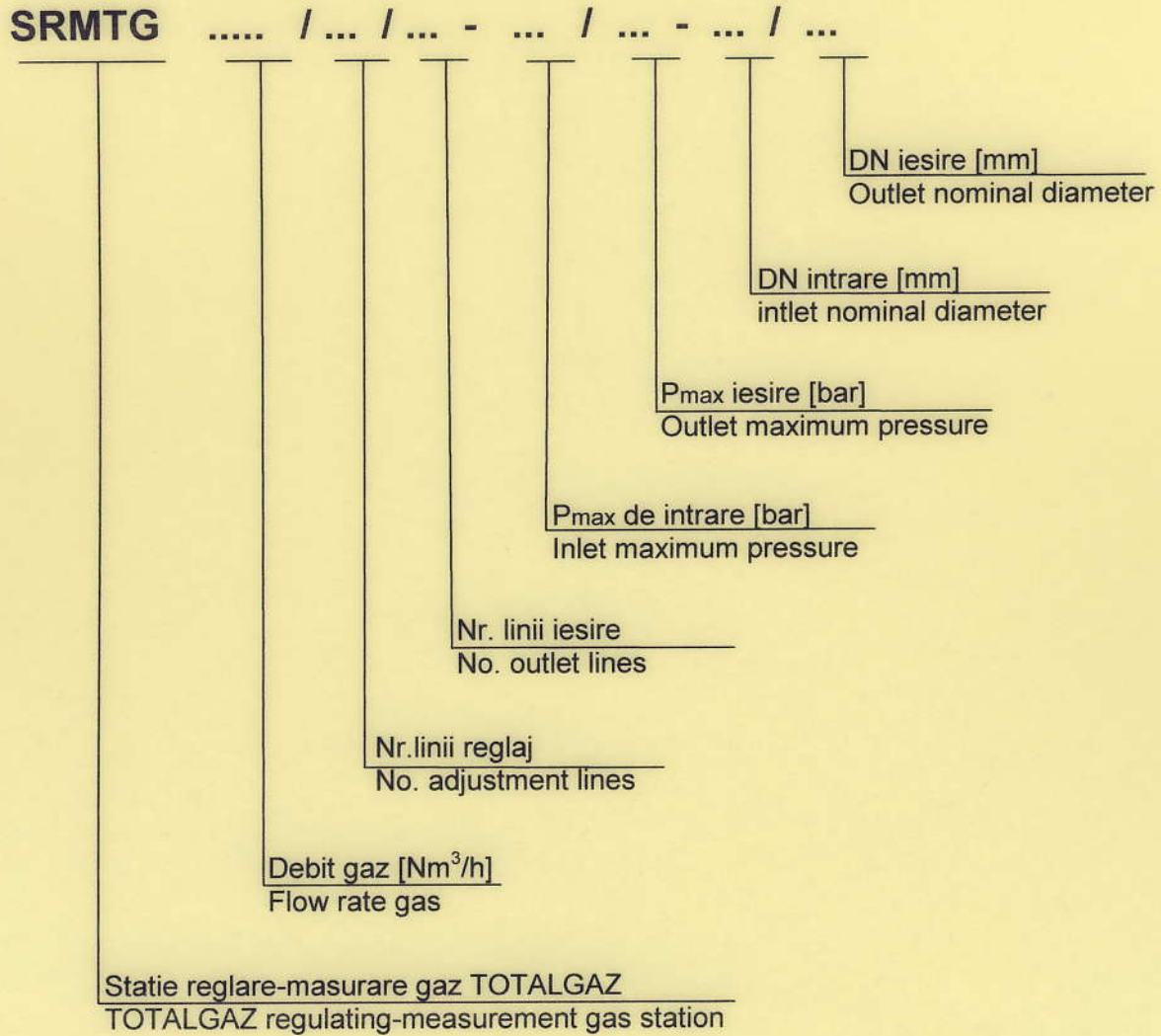
Pn 40

- | | | |
|----------------------------------|----------------------------------|----------------------------------|
| 1. SRMP 200/2/1-25/16-25/32 | 1. SRMP 200/2/1-40/16-25/32 | 1. SRMP 200/2/1-64/16-25/32 |
| 2. SRMP 500/2/1-25/16- 40/50 | 2. SRMP 500/2/1-40/16- 40/50 | 2. SRMP 500/2/1-64/16- 40/50 |
| 3. SRMP 700/2/1-25/16- 50/80 | 3. SRMP 700/2/1-40/16- 50/80 | 3. SRMP 700/2/1-64/16- 50/80 |
| 4. SRMP 1000/2/1-25/16-80/80 | 4. SRMP 1000/2/1-40/16-80/80 | 4. SRMP 1000/2/1-64/16-80/80 |
| 5. SRMP 1200/2/1-25/16-80/80 | 5. SRMP 1200/2/1-40/16-80/80 | 5. SRMP 1200/2/1-64/16-80/80 |
| 6. SRMP 2200/2/1-25/16-80/125 | 6. SRMP 2200/2/1-40/16-80/125 | 6. SRMP 2200/2/1-64/16-80/125 |
| 7. SRMP 3500/2/1-25/16-100/150 | 7. SRMP 3500/2/1-40/16-100/150 | 7. SRMP 3500/2/1-64/16-100/150 |
| 8. SRMP 5000/2/1-25/16-150/200 | 8. SRMP 5000/2/1-40/16-150/200 | 8. SRMP 5000/2/1-64/16-150/200 |
| 9. SRMP 7500/2/1-25/16-200/250 | 9. SRMP 7500/2/1-40/16-200/250 | 9. SRMP 7500/2/1-64/16-200/250 |
| 10. SRMP 10000/2/1-25/16-200/250 | 10. SRMP 10000/2/1-40/16-200/250 | 10. SRMP 10000/2/1-64/16-200/250 |
| 11. SRMP 15000/2/1-25/16-250/300 | 11. SRMP 15000/2/1-40/16-250/350 | 11. SRMP 15000/2/1-64/16-250/300 |
| 12. SRMP 20000/2/1-25/16-250/350 | 12. SRMP 20000/2/1-40/16-250/350 | 12. SRMP 20000/2/1-64/16-250/300 |
| 13. SRMP 30000/2/1-25/16-300/400 | 13. SRMP 30000/2/1-40/16-300/400 | 13. SRMP 30000/2/1-64/16-300/400 |

Anexa

Codificare SRMTG

SRMTG Codification



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Anexa la certificatul 069-453/EC
 (Annex to certificate 069-453/EC)
STATII REGLARE-MASURARE GAZ -TIP SRMTG
 Regulating measurement gas stations SRMTG type

Caracteristici (characteristics)	U.M.	Pn 64													
		200	500	700	1000	1200	2200	3500	5000	7500	10000	15000	20000	30000	
Debit maxim (Maximum flow)	Nm ³ /h	200	500	700	1000	1200	2200	3500	5000	7500	10000	15000	20000	30000	
Dn intrare (Dn inlet)	mm	25	32	32	40	50	80	80	100	100	150	150	200	250	
Dn ieșire (Dn outlet)	mm	32	40	40	50	50	100	100	125	150	200	250	250	300	
Pres. intrare max. (Max. inlet pressure)	bar	0.5 ÷ 64													
Pres. ieșire (outlet pressure)	bar	0.2 ÷ 40													
Instalație de filtrare (separare) (Filtering installation) (separating)	DN	Filtre de gaz tip FTG 601 (FS 641) (Gas filters)													
		25	32	32	40	50	80	80	100	100	150	150	200	250	
Sistem de incalzire (Heating system)	KW	Centrala termica (Central heating boiler)													
		24 ÷ 340													
	DN	Schimbatoare de caldura tip WTG 631 (Heat exchangers)													
		25	32	32	40	50	80	80	100	100	150	150	200	250	
Sistem de masura (Measuring system)		Contor cu turbina si corector PTZ (Turbine counter and corrector)													
		G 25 Dn 50	G 65 Dn 50	G100 Dn 80	G 160 Dn 80	G 160 Dn 80	G 250 Dn 100	G 400 Dn 100	G 650 Dn 150	G 1000 Dn 150	G 1600 Dn 200	G 2500 Dn 250	G 4000 Dn 300	G 4000 Dn 300	
Regulator (Regulator)	DN	Tip RTG 413													
		20	25	25	32	40	50	80	80	100	100	150	150	200	
Supapă blocare (Blocking valve)	DN	Tip SB 750													
		20	25	25	32	40	50	80	80	100	100	150	150	200	
Supapă descărcare (Unloading valve)	DN	Tip SD 731, SD 731							Tip SD 735, SD 737						
		15				20				25					
Rezervor stocare lichide (Tank for liquid storage)		Tip VS 850-1000 Litri sau VS 850-3000 Litri													
Amortizor de zgomot (Noise buffer)	DN ₁ / DN ₂	Tip AM 811													
		20/ 32	25/ 40	25/ 40	32/ 50	40/ 50	50/ 80	80/ 100	80/ 125	100/ 150	100/ 200	150/ 250	150/ 250	200/ 300	
Odorizator (Odorizer)		Odorizator OD 830 (Odorizer)													
Natura fluidului (Fluid nature)		Gaze naturale STAS 3317/67 (Natural gases)													
Temperatura fluidului de lucru (temperature of the working fluid)	C°	-20 C° până la +60 C°													
Temperatura mediului ambiant (Temperature of the environment)	C°	-30 C° până la +80 C°													
Climatul (environment)		Tehnic normal (technically normal)													

Anexa

Caracteristici (characteristics)	U.M.	Pn 40													
		200	500	700	1000	1200	2200	3500	5000	7500	10000	15000	20000	30000	
Debit maxim (Maximum flow)	Nm ³ /h	200	500	700	1000	1200	2200	3500	5000	7500	10000	15000	20000	30000	
Dn intrare (Dn inlet)	mm	25	32	32	40	50	80	80	100	100	150	150	200	250	
Dn ieșire (Dn outlet)	mm	32	40	40	50	50	100	100	125	150	200	250	250	300	
Pres. intrare max. (Max. inlet pressure)	bar	0.5 ÷ 40													
Pres. ieșire (outlet pressure)	bar	0.2 ÷ 25													
Instalație de filtrare (separare) (Filtering installation) (separating)	DN	Filtre de gaz tip FTG 601 (FS 641) (Gas filters)													
		25	32	32	40	50	80	80	100	100	150	150	200	250	
Sistem de incalzire (Heating system)	KW	Centrala termica (Central heating boiler)													
		24 ÷ 340													
	DN	Schimbatoare de caldura tip WTG 631 (Heat exchangers)													
25		32	32	40	50	80	80	100	100	150	150	200	250		
Sistem de masura (Measuring system)		Contor cu turbina si corector PTZ (Turbine counter and corrector)													
		G 25 Dn 50	G 65 Dn 50	G100 Dn 80	G 160 Dn 80	G 160 Dn 80	G 250 Dn 100	G 400 Dn 100	G 650 Dn 150	G 1000 Dn 150	G 1600 Dn 200	G 2500 Dn 250	G 4000 Dn 300	G 4000 Dn 300	
Regulator (Regulator)	DN	Tip RTG 412													
		20	25	25	32	40	50	80	80	100	100	150	150	200	
Supapă blocare (Blocking valve)	DN	Tip SB 750													
		20	25	25	32	40	50	80	80	100	100	150	150	200	
Supapă descărcare (Unloading valve)	DN	Tip SD 731, SD 731							Tip SD 735, SD 737						
		15			20				25						
Rezervor stocare lichide (Tank for liquid storage)		Tip VS 850-1000 Litri sau VS 850-3000 Litri													
Amortizor de zgomot (Noise buffer)	DN ₁ / DN ₂	Tip AM 811													
		20/ 32	25/ 40	25/ 40	32/ 50	40/ 50	50/ 80	80/ 100	80/ 125	100/ 150	100/ 200	150/ 250	150/ 250	200/ 300	
Odorizator (Odorizer)		Odorizator OD 830 (Odorizer)													
Natura fluidului (Fluid nature)		Gaze naturale STAS 3317/67													
Temperatura fluidului de lucru (temperature of the working fluid)	C°	-20 C° până la +60 C°													
Temperatura mediului ambiant (Temperature of the environment)	C°	-30 C° până la +80 C°													
Climatul (environment)		Tehnic normal (technically normal)													

Aneje

Caracteristici (characteristics)	U.M.	Pn 25												
Debit maxim (Maximum flow)	Nm ³ /h	200	500	700	1000	1200	2200	3500	5000	7500	10000	15000	20000	30000
Dn intrare (Dn inlet)	mm	25	32	32	40	50	80	80	100	100	150	150	200	250
Dn ieșire (Dn outlet)	mm	32	40	40	50	50	100	100	125	150	200	250	250	300
Pres. intrare max. (Max. inlet pressure)	bar	0.5 ÷ 25												
Pres. ieșire (outlet pressure)	bar	0.2 ÷ 16												
Instalație de filtrare (separare) (Filtering installation) (separating)	DN	Filtre de gaz tip FTG 601 (FS 641) (Gas filters)												
		25	32	32	40	50	80	80	100	100	150	150	200	250
Sistem de incalzire (Heating system)	KW	Centrala termica (Central heating boiler)												
		24 ÷ 340												
	DN	Schimbatoare de caldura tip WTG 631 (Heat exchangers)												
		25	32	32	40	50	80	80	100	100	150	150	200	250
Sistem de masura (Measuring system)		Contor cu turbina si corector PTZ (Turbine counter and corrector)												
		G 25 Dn 50	G 65 Dn 50	G100 Dn 80	G 160 Dn 80	G 160 Dn 80	G 250 Dn 100	G 400 Dn 100	G 650 Dn 150	G 1000 Dn 150	G 1600 Dn 200	G 2500 Dn 250	G 4000 Dn 300	G 4000 Dn 300
Regulator (Regulator)	DN	Tip RTG 411												
		20	25	25	32	40	50	80	80	100	100	150	150	200
Supapă blocare (Blocking valve)	DN	Tip SB 750												
		20	25	25	32	40	50	80	80	100	100	150	150	200
Supapă descărcare (Unloading valve)	DN	Tip SD 731, SD 731						Tip SD 735, SD 737						
		15			20			25						
Rezervor stocare lichide (Tank for liquid storage)		Tip VS 850-1000 Litri sau VS 850-3000 Litri												
Amortizor de zgomot (Noise buffer)	DN ₁ / DN ₂	Tip AM 811												
		20/ 32	25/ 40	25/ 40	32/ 50	40/ 50	50/ 80	80/ 100	80/ 125	100/ 150	100/ 200	150/ 250	150/ 250	200/ 300
Odorizator (Odorizer)		Odorizator OD 830 (Odorizer)												
Natura fluidului (Fluid nature)		Gaze naturale STAS 3317/67 (Natural gases)												
Temperatura fluidului de lucru (temperature of the working fluid)	C°	-20 C° până la +60 C°												
Temperatura mediului ambiant (Temperature of the environment)	C°	-30 C° până la +80 C°												
Climatul (environment)		Tehnic normal (Technically normal)												

Caracteristici (characteristics)	U.M.	Pn 16													
Debit maxim (Max. flow)	Nm ³ /h	200	500	700	1000	1200	2200	3500	5000	7500	10000	15000	20000	30000	
Dn intrare (Dn inlet)	mm	25	32	32	40	50	80	80	100	100	150	150	200	250	
Dn ieșire (Dn outlet)	mm	32	40	40	50	50	100	100	125	150	200	250	250	300	
Pres. intrare max. (Max. inlet pressure)	bar	0.5 ÷ 16													
Pres. ieșire (Outlet pressure)	bar	0.2 ÷ 6													
Instalație de filtrare (Filtering installation)	DN	Filtre de gaz tip FTG 601 (Gas filters)													
		25	32	32	40	50	80	80	100	100	150	150	200	250	
Sistem de masura (Measuring system)		Contor cu turbina si corector PTZ Turbine counter and corrector													
		G 25 Dn 50	G 65 Dn 50	G 100 Dn 80	G 160 Dn 80	G 160 Dn 80	G 250 Dn 100	G 400 Dn 100	G 650 Dn 150	G 1000 Dn 150	G 1600 Dn 200	G 2500 Dn 250	G 4000 Dn 300	G 4000 Dn 300	
Regulator (regulator)	DN	Tip RTG 411													
		20	25	25	32	40	50	80	80	100	100	150	150	200	
Supapă blocare (Blocking valve)	DN	Tip SB 750 (optional)													
		20	25	25	32	40	50	80	80	100	100	150	150	200	
Supapă descărcare (Unloading valve)	DN	Tip SD 710, SD 720													
		25				32				50				100	
Natura fluidului (Fluid nature)		Gaze naturale STAS 3317/67 (Natural gases)													
Temperatura fluidului de lucru (temperature of the working fluid)	C°	-20 C° până la +60 C°													
Temperatura mediului ambiant (Temperature of the environment)	C°	-30 C° până la +80 C°													
Climatul (Environment)		Tehnic normal (Technically normal)													

Caracteristici (characteristics)	U.M.	Pn 6													
Debit maxim (Max. flow)	Nm ³ /h	200	500	700	1000	1200	2200	3500	5000	7500	10000	15000	20000	30000	
Dn intrare (Dn inlet)	mm	25	32	32	40	50	80	80	100	100	150	150	200	250	
Dn ieșire (Dn outlet)	mm	32	40	40	50	50	100	100	125	150	200	250	250	300	
Pres. intrare max. (Max. inlet pressure)	bar	0.5 ÷ 6													
Pres. ieșire (Outlet pressure)	bar	0.2 ÷ 3													
Instalație de filtrare (Filtering installation)	DN	Filtre de gaz tip FTG 601 (Gas filters)													
		25	32	32	40	50	80	80	100	100	150	150	200	250	
Sistem de masura (Measuring system)		Contor cu turbina si corector PTZ													
		G 25 Dn 50	G 65 Dn 50	G100 Dn 80	G 160 Dn 80	G 160 Dn 80	G 250 Dn 100	G 400 Dn 100	G 650 Dn 150	G 1000 Dn 150	G 1600 Dn 200	G 2500 Dn 250	G 4000 Dn 300	G 4000 Dn 300	
Regulator (Regulator)	DN	Tip RTG 320													
		20	25	25	32	40	50	80	80	100	100	150	150	200	
Supapă blocare (Blocking valve)	DN	Tip SB 750 (optional)													
		20	25	25	32	40	50	80	80	100	100	150	150	200	
Supapă descărcare (Unloading valve)	DN	Tip SD 710, SD 720													
		25				32				50				100	
Natura fluidului (Fluid nature)		Gaze naturale STAS 3317/67 (Natural gases)													
Temperatura fluidului de lucru (Temperature of the working fluid)	C°	-20 C° până la +60 C°													
Temperatura mediului ambiant (Temperature of the environment)	C°	-30 C° până la +80 C°													
Climatul (Environment)		Tehnic normal (Technically normal)													