

CERTIFICATE OF COMPLIANCE WITH ISO 2503

We confirm that following GCE products fulfill requirements of standard **EN ISO 2503** - Gas welding equipment - Pressure regulators with flow-metering devices for gas cylinders used in welding, cutting and allied processes up to 300 bar (30 MPa)

Compliance with individual requirements of standard EN ISO 2503 (acc. to test No. 2018-53):

1. Requirements for pressure regulator for oxygen, inert gas and acetylene service with pressure outlet:

| REQUIREMENTS CHAPTER NO. | TYPE TEST CHAPTER NO. | NAME OF TEST | FULFILLMENT OF REQUIREMENTS |
|--------------------------|-----------------------|-----------------------------|-----------------------------|
| 6.2.2 | 9.5.2.2 | Maximum discharge Q_{max} | Fulfilled |
| 6.2.1 | 9.5.3.2 | Standard discharge Q_1 | Fulfilled |
| 6.6.1.1 | 9.5.4 | Coefficient R | Fulfilled |
| 6.6.1.2 | 9.5.5 | Coefficient I | Fulfilled |
| 5.2.11 | 9.7.2 | Mechanical resistance | Fulfilled |
| 5.2.10 | 9.7.3 | Leakage | Fulfilled |
| 5.2.1 | 9.7.4 | Oxygen ignition | Fulfilled |
| 6.4 | 9.7.5 | Pressure relief valve | Fulfilled |
| 7.1 | 9.8 | Marking | Fulfilled |

2. Requirements for pressure regulator use for argon, CO₂ or their mixtures service with outlet flow indication:

| REQUIREMENTS CHAPTER NO. | TYPE TEST CHAPTER NO. | NAME OF TEST | FULFILLMENT OF REQUIREMENTS |
|--------------------------|-----------------------|--------------------------|-----------------------------|
| 6.2.1 | 9.5.3.2 | Standard discharge Q_1 | Fulfilled |
| 6.6.1.2 | 9.5.5 | Coefficient I | Fulfilled |
| 5.2.11 | 9.7.2 | Mechanical resistance | Fulfilled |
| 5.2.10 | 9.7.3 | Leakage | Fulfilled |
| 6.4 | 9.7.5 | Pressure relief valve | Fulfilled |

Chotěboř, 2019-05-24




Michal Dolínek
R&D Manager



Milan Kintšner
R&D Engineer



Jiří Mrázek
Laboratory Manager



Quality Manager
GCE, s.r.o.
Žižkova 381
583 01 CHOTĚBOŘ
Quality Department

CERTIFICATE OF CONFORMITY

We confirm that GCE products:

PROCONTROL OXY P₁ up to 300bar; P₂ up to 20bar
PROCONTROL ARG/CO₂ P₁ up to 300bar; P₂ up to 50l/min
PROCONTROL ACE P₁ up to 25bar; P₂ up to 1,5bar
PROCONTROL INERT P₁ up to 300bar; P₂ up to 50 bar
PROCONTROL PROP P₁ up to 25bar; P₂ up to 4 bar
PROCONTROL HYD P₁ up to 300bar; P₂ up to 20bar

are designed, produced and tested according to standard **EN ISO 2503**
and in line with quality system **EN ISO 9001**

EN ISO 2503 - Gas welding equipment - Pressure regulators with flow-metering
devices for gas cylinders used in welding, cutting and allied processes up to 300 bar
(30 MPa)

EN ISO 9001 – Quality management system – requirements

Chotěboř
2019 – 05 – 24


Quality Manager
GCE
GCE, s.r.o.
Žižkova 381
583 01 CHOTĚBOŘ
Quality Department