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ANTONIO MERLONI
CYLINDERS GHERGO GROUP S.P.A.
Official distributor in Russia and III, Group of Companies «Terrikom».

MOUNTING

of vertical underground gas tank

5 000 L

Full charge 85%=4250L

Legend:

- Reinforced concrete construction
- Ground
- Sand

House $\approx 500\text{m}^2$

Gas service pipe



≥ 1600

1600
500

$R \geq 1\text{m}$

Sand lock

Gas pipeline
PE80 SDR 11

Freezing depth
in your region
 $\approx 1500...1700$

Warning tape
(Attention GAS)

Sand lock

ATTENTION!
DO NOT EXCEED indicated distance
to avoid overturn of crane-manipulator

5000L Gas tank

>2500
From board
side to center
of gas tank

3200
2950

200
100

$\varnothing 1700$
 $\varnothing 2500$

ATTENTION!

Minimum distance to any construction 5m (SNiP 42-01-2002)

10000

GROUND WORKS to arrange Antonio Merloni gas tanks



Sample of personalized
certificate (PB 12-609-03)



Ground works

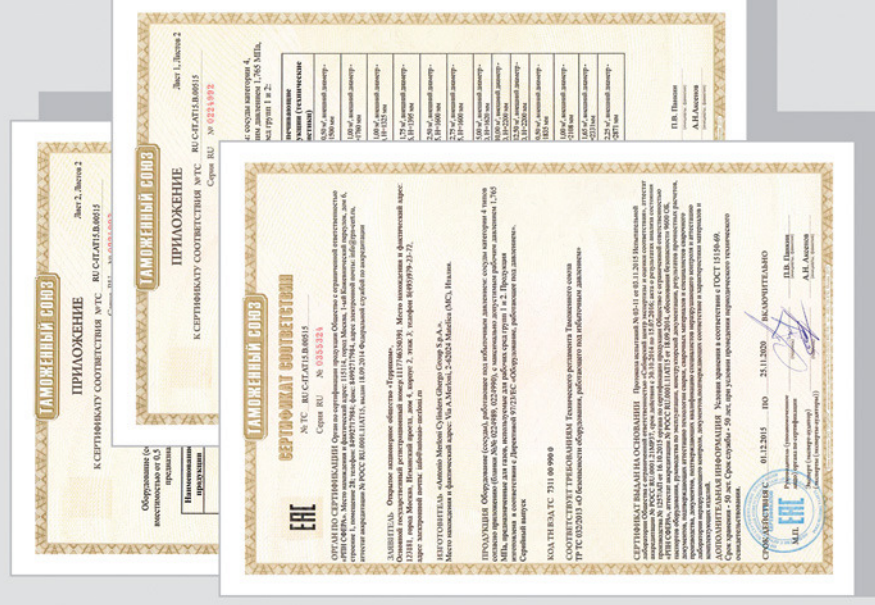
1. Ground works are realized in accordance with fire security norms SNIP 42-01-2002 and PB 12-609-03. Mounting is provided by certified professionals who have certificate PB 12-609-03.
2. Depth of the pit for gas tank next to gasified object: 2.1 - 2.95m (depends on capacity of cistern).
3. Distance between gas tank and any construction: no less than 5m.
4. Trench depth for gas pipeline installation: 1.5-1.7m (depends on the soil frost depth in certain region). Trench width: 0.6m.
5. Gas pipeline should be installed on the banking made of fine grained sand (thickness—0.1m) organized on the bottom of trench.
6. Gas tank and gas pipes should be covered by river sand (to place in sand lock).
7. Trench together with gas pipeline is covered by sand (thickness—0.2m), at the top there is installed signal tape of yellow color and finished up by final cover with ground.
8. Gas service pipe and the place where gas pipe drops to the trench near gas tank is covered by sand circle wise (diameter – 0.3m). To prevent separation of gas pipe from connecting constructions it is required to provide correct tamper of covering sand near the socle inlet to the house and gas tank. The tamper includes watering of vertical sections of gas pipeline and tightening of sand layers in each 0.2 meters, height along.

ATTENTION! In case of inappropriate following of ground works instructions there might occur leak-off pressure and gas pipeline separation from gas tank and gas service pipe.

Certificate of conformity ISO 9001



CU Certificate as per regulations 32 valid till 2020



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