

Distribution Network of Thessaloniki and Distribution Network of Thessaly
Maintenance Program
for the Year 2023



EDA Thessaloniki-Thessaly S.A.

Edition: 1st/10.11.2022

1. Introduction

Pursuant to Article 57 of the Distribution Network Operation Code:

- 1. The Operator is responsible for the proper operation and maintenance of the Distribution Network. In particular, the Operator is obliged to carry out the necessary inspections, maintenance, repairs and replacements of the Distribution Network, pursuant to the provisions of the Ministerial Decree D3/A/20701/13.11.2006 (OGG B' 1712 / 23.11.06), establishing an annual Distribution Network Maintenance Program.*
- 2. Not later than one (1) month before the start of each Year, the Operator drafts and posts on its Website an indicative annual Distribution Network Maintenance Program, and ensures that it is always up to date according to any major revisions that may be required.*
- 3. The Operator is obliged to promptly inform Distribution Users, End Customers and the Operators of Interconnected Systems and Distribution Networks, for the circumstances that may affect the proper and uninterrupted supply of Natural Gas to their facilities.*

In accordance with the above, the present Distribution Network Maintenance Program, which will be implemented in the year 2023 as part of the maintenance works of the Distribution Networks of Thessaloniki and Thessaly, is drafted and posted on the website of the Gas Distribution Company Thessaloniki-Thessaly S.A. (EDA THESS) www.edathess.gr.

The Maintenance Program is drafted and implemented in accordance with the provisions of the Regulation "Operation and maintenance manual for medium pressure gas distribution networks (design pressure 19 bar) and low- pressure gas distribution networks (maximum operating pressure 4 bar)" (OGG B' 1712/23.11.06).

EDA THESS implements this program, in accordance with the above Regulation and the written procedures for proactive maintenance and emergency response, in the context of the implementation of the Quality Management System ISO 9001 and Health and Safety at Work OHSAS18001.

2. Maintenance Program

s/n	Work Description	Timetable Frequency
2.1.	Inspection of the cathodic protection stations	Every 1 month
2.2.	Measurements at selected cathodic protection points	Every 1 year
2.3.	Inspection of buried valves and valve stations in the medium pressure network. Includes maintenance-handling of valves/valve stations and leak inspections	Every 6 months
2.4.	Inspection of buried valves in the low-pressure network	Every 2 years
2.5.	Periodic inspections of distribution stations 19/4 bar & CNG decompression stations	Every 2 months & Every 1 month
2.6.	Periodic inspections of reduction and metering stations of consumers connected to the 19 bar medium pressure network and selected stations of consumers connected to the low pressure network 4 bar	Every 2 months
2.7.	Periodic inspections of reduction and metering stations of consumers connected to the 4 bar low pressure network	Every 3 months
2.8.	Operational checks on distribution stations 19/4 bar & CNG decompression stations	Every 6 months
2.9.	Operational checks on reduction and metering stations of consumers connected to the 19 bar medium pressure network	Every 1 year
2.10.	Operational checks on reduction and metering stations of consumers connected to the 4 bar low pressure network	Every 1 year
2.11.	General maintenance of distribution stations 19/4 bar & CNG decompression stations	Every 7 years & Every 5 years
2.12.	General maintenance of reduction and metering stations of consumers connected to the medium pressure network 19 bar	Every 7 years

**Distribution Network of Thessaloniki and Distribution Network of Thessaly
Maintenance Program 2023**

s/n	Work Description	Timetable Frequency
2.13.	General maintenance of reduction and metering stations of consumers connected to the low pressure network 4 bar	Every 10 years
2.14.	Leak inspections in the medium and low-pressure network & service lines with a length of <7m. The entire distribution network is checked with the surface gas leak control method either with a walking patrol or with a special leak inspection vehicle	Every 1 year
2.15.	Periodic leak inspections of service lines with a length of >7m	Every 4 years
2.16.	Natural gas odorization measurements	Every 6 months
2.17.	Scada system operation Control. Controls of signals transmission and alarms in remote control and remote command external installations	Every 6 months
2.18.	Periodic inspections of electrical installations of distribution stations, cathodic, protection stations and valve stations	Every 1 year
2.19.	Monitoring third party excavations near the Distribution Network & Patrolling of Medium and Low-Pressure Distribution Networks	Throughout the year
2.20.	Replacement and calibration of positive displacement and turbine meters over 25 years	Every 1 year