

**Distribution Network of Thessaloniki and Distribution Network of Thessaly
Maintenance Program
for the Year 2019**



EDA Thessaloniki-Thessaly S.A.

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 Networks, pursuant to the provisions of the Ministerial Decree D3/A/20701/13.11.2006 (OGG B' 1712 / 23.11.06), establishing an annual Distribution Networks 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 Networks 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 2019 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 OHSAS 18001.

2. Maintenance Program

α/α	Work Description	Timetable Frequency
2.1.	Check on the downstream protection stations	Monthly
2.2.	Measurements at selected downstream protection points	Annually
2.3.	Check on buried valves and valve stations in the medium pressure network. Includes maintenance-handling of valves/valve stations and leak inspections	Biannually
2.4.	Check on buried valves in the low-pressure network	Annually
2.5.	Periodic inspections of distribution stations 19/4 bar & CNG decompression stations	Bimonthly
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	Bimonthly
2.7.	Periodic inspections of reduction and metering stations of consumers connected to the 4 bar low pressure network	Quarterly
2.8.	Operational checks on distribution stations 19/4 bar & CNG decompression stations	Biannually
2.9.	Operational checks on reduction and metering stations of consumers connected to the 19 bar medium pressure network	Annually
2.10.	Operational checks on reduction and metering stations of consumers connected to the 4 bar low pressure network	Annually
2.11.	General maintenance of distribution stations 19/4 bar & CNG decompression stations	Every 5 years
2.12.	General maintenance of reduction and metering stations of consumers connected to the medium pressure network 19 bar	Every 5 years

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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 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	In the 2nd and 3rd quarter of the year
2.15.	Periodic leak inspections of service lines	Every 4 years
2.16.	Check on natural gas odorization	Biannually
2.17.	Check on Scada system operation Check on the transmission of signals and alarms in remote control and remote command external installations	Quarterly
2.18.	Periodic inspections of electrical installations of distribution stations, downstream protection stations and valve stations	Annually
2.19.	Tracking third party works near the Distribution Network & Periodic Supervision of Medium and Low-Pressure Distribution Networks	Throughout the year
2.20.	Replacement and calibration of positive displacement and turbine meters over 10 years	Annually
2.21.	Interventions in distribution stations to integrate natural gas flows into the Scada system	Until 30/09/17