



**Hellenic Gas Transmission System Operator S.A.**  
357-359 Messogion Av., GR 152 31 Halandri  
Tel.: 213 088 4000  
Fax: 210 674 9504  
Email: [desfa@desfa.gr](mailto:desfa@desfa.gr)

## **TECHNICAL SPECIFICATION**

**Doc No : DSF-SPC-PIP-009**

**Rev. 1**

**Page 1 of 6**

### **HIGH PRESSURE (HP) TRANSMISSION SYSTEMS**

# **SUPPLY OF MATERIALS**

**JUNE 2021**

*This document is the property of DESFA S.A. and shall not be reproduced, copied or used for any purpose, other than for which it is specially furnished*

1	Second Issue	30-06-2021	MP	DK	TPI
0	First Issue	05-04-2011	PQ DPT.		V.G.
<b>REV</b>	<b>DESCRIPTION</b>	<b>DATE</b>	<b>PRPD</b>	<b>CHKD</b>	<b>APVD</b>





**Hellenic Gas Transmission System Operator S.A.**  
357-359 Messogion Av., GR 152 31 Halandri  
Tel.: 213 088 4000  
Fax: 210 674 9504  
Email: [desfa@desfa.gr](mailto:desfa@desfa.gr)

## **TECHNICAL SPECIFICATION**

**Doc No : DSF-SPC-PIP-009**

**Rev. 1**

**Page 3 of 6**

### **Table of Contents**

1	INTRODUCTION .....	4
2	SCOPE AND OBJECTIVES.....	4
3	REFERENCES .....	4
4	MATERIAL SUPPLIED BY THE OWNER .....	4
5	MATERIALS SUPPLIED BY THE CONTRACTOR .....	5
6	RECEIPT, STORAGE AND RESPONSIBILITY .....	5
7	MATERIAL ACCOUNTS.....	6



**Hellenic Gas Transmission System Operator S.A.**  
357-359 Messogion Av., GR 152 31 Halandri  
Tel.: 213 088 4000  
Fax: 210 674 9504  
Email: desfa@desfa.gr

## **TECHNICAL SPECIFICATION**

**Doc No : DSF-SPC-PIP-009**

**Rev. 1**

**Page 4 of 6**

## **1 INTRODUCTION**

## **2 SCOPE AND OBJECTIVES**

This specification covers the conditions for the supply of materials for the construction of natural gas pipelines, Metering and Regulating Stations.

For material supply and storage, the requirements of the following, listed in order of precedence, shall be fulfilled:

- This specification
- **EN 1594** [Gas supply systems - Pipelines for maximum operating pressure over 16 bar - Functional requirements]

## **3 REFERENCES**

### **3.1 Reference Documents**

- Job Spec. DSF-SPC-PIP-010 [Transport and stringing of pipes]

### **3.2 Reference Codes and Standards**

- **EN 1594** [Gas supply systems - Pipelines for maximum operating pressure over 16 bar - Functional requirements]

## **4 MATERIAL SUPPLIED BY THE OWNER**

The materials to be supplied by Owner will be described in the Special Conditions of the Contract, or in the Material Requisition.

Unless otherwise specified, the installation and fitting of these materials is part of the Contract.

Contractor shall be aware that all materials supplied by the Owner shall be controlled by a computerized system.

Contractor, before starting construction activities, shall make himself acquainted with the procedures foreseen for the good operation of the system and during fabrication and erection works shall fully comply with them.



**Hellenic Gas Transmission System Operator S.A.**  
357-359 Messogion Av., GR 152 31 Halandri  
Tel.: 213 088 4000  
Fax: 210 674 9504  
Email: desfa@desfa.gr

## **TECHNICAL SPECIFICATION**

**Doc No : DSF-SPC-PIP-009**

**Rev. 1**

**Page 5 of 6**

### **5 MATERIALS SUPPLIED BY THE CONTRACTOR**

The contractor shall deliver and install all other materials necessary for the completion and testing of the works. These materials shall conform to all applicable DESFA's Specifications.

For materials not covered by these specifications, the Contractor shall provide evidence of their suitability for the proposed scope of work.

All materials supplied by the Contractor and forming a permanent part of the installations shall be new and of an approved quality.

### **6 RECEIPT, STORAGE AND RESPONSIBILITY**

Line pipes supplied by the Owner will be transported to the construction site or to storage sites, unloaded and deposited on supports by the Contractor as provided in Job Spec. DSF-SPC-PIP-010. All other materials supplied by the Owner will be transported to storage sites as mutually agreed upon between the Contractor and the Owner's Representative and shall be unloaded by the Contractor using equipment approved by the Site representative without additional payment.

On receipt of materials supplied by Owner the Contractor shall, together with the Owner's Representative, count and check the materials at the storage site and immediately note any visible defect or damage, including damages to the coating.


The Contractor shall also check the materials received with the invoice, and/or Material Receipt Report referring to all item numbers, dimensions, ratings, etc.

Any discrepancy shall be reported to the Owner's Representative immediately.

Hereafter the Contractor is responsible for the materials supplied, including any defect except manufacturing defects later ascertained.

Those repairs to pipe ends, which may be made by grinding within the zone being heat-affected during welding, as well as repairs of minor damages on the pipe coating, shall be made by the Contractor at no extra cost to the Owner.

Other damages shall be brought to the attention of the Owner's Representative. Thereafter the damaged section shall be cut out and the new ends shall be machined according to be the applicable specification.

	<b>Hellenic Gas Transmission System Operator S.A.</b> 357-359 Messogion Av., GR 152 31 Halandri Tel.: 213 088 4000 Fax: 210 674 9504 Email: desfa@desfa.gr	<b>TECHNICAL SPECIFICATION</b>
<b>Doc No : DSF-SPC-PIP-009</b>	Rev. 1	Page 6 of 6

All materials shall be protected carefully against weather attack (this includes sunlight where applicable) and fouling during transport, storage, and stringing, according to manufacturers'/suppliers' introductions and with respect to Owners' specifications. If any material gets fouled, it shall be cleaned before installation. All small items shall be stored in a lockable, weatherproof place to be provided by the Contractor.

## 7 MATERIAL ACCOUNTS

The Contractor shall make an exact survey of the materials and quantities in the completed installation. The difference between these surveyed quantities and the received quantities (deducting any returned quantity) shall be paid for by the Contractor. This requirement is applicable only for pipes supplied by the Owner.

Only pipes longer than 7 m may be returned. Pipes containing one weld seam joining two pipes, the shorter at least 2 m long, are acceptable provided that they consist of two original pipe ends and are accompanied by the radiographic film of the joint and the acceptance certificate thereof.

Materials handed back to the Owner shall be in good condition and suitably protected against deterioration during normal storage conditions. Pipes and fittings shall be clean and all areas of bare metal sealed with Tectyl or similar. Identification stamps, however, will be kept free of Tectyl and coated with suitable transparent enamel. The stamped area shall be highlighted by an encirclement of white paint.