

## MOD. KTF / FIXED WAREHOUSE

Maintenance plan: Metallic structure with PVC covering

Customer: GEGE Hungary | Order N.: A02552

The maintenance plan of the work is drawn up according to the provisions of chap. 10 of the Technical Standards for Construction. This document, complementary to the executive project of the work, plans the necessary verification and maintenance interventions in order to maintain the functional and efficient structure during the life of the project.

The maintenance service can be performed by Kopron Service. Kopron Service, is the internal division of Kopron S.p.A which offers an assistance and maintenance service. The functionality of Kopron products is guaranteed with the Kopron Service maintenance service (02921521 - kopronservice@kopron.com).

### INFORMATION SHEET OF THE OPERA

This is a steel tunnel with covering and coverings in PVC sheets.

Manufacturer: KOPRON S.p.A. - Gorgonzola (MI)

Place of installation: Hungary

Design of steel works: Ing. Alessandro Gamba - Futura Servizi Tecnici S.r.l. - Sona (VR)

### CONTROLS, ORDINARY AND EXTRAORDINARY MAINTENANCE OF THE WORK

Both on the metal profiles and on the joints, whether they are welded or bolted, the indications on the checks to be carried out and the necessary maintenance operations are provided.

#### CONTROL TO BE CARRIED OUT BY SPECIALIZED PERSONNEL

Description: check and verify the correct tightening of the nuts and bolts; identification of any deformations and / or distortions of the profiles and / or joint plates; verification of the maintenance in axis of the structural elements.

Mode: visual inspection and / or with the aid of suitable instrumentation.

Frequency: annual

#### CHECK TO BE CARRIED OUT BY THE USER

Description: control of the deterioration of the structural elements and their protective layers; verification of the presence of corrosion phenomena.

Mode: visual inspection.

Frequency: annual

#### MAINTENANCE: PROTECTING LAYERS OF PROTECTIVE LAYERS

Description: restoration of protective layers by applying anti-corrosive products after cleaning the surfaces to be treated by means of brushing, to be performed where the structure is affected by phenomena of corrosion or detachment of protective paints.

Execution: specialized company

Frequency: annual

#### MAINTENANCE: UNION CONTROL AND TIGHTENING

Description: verification of the tightening of bolted joints and any APPLICATION new tightening torques where these are loosened.

Tightening type: applied torque

Execution: specialized company

Frequency: annual

Note: annual checks must be made at least 10% of the bolts on a sample basis.

#### MAINTENANCE: STRUCTURAL ELEMENTS REINFORCEMENT

Description: reinforcement of structural elements that are damaged or weakened by corrosion

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phenomena, to be carried out through the insertion of new profiles or plates.

Execution: specialized company

Frequency: annual

### MAINTENANCE: REPLACEMENT OF STRUCTURAL ELEMENTS

Description: replacement of the structural elements that are damaged, excessively deformed, worn out or weakened by corrosion phenomena, whether they are profiles, plates or bolts, to be carried out with materials having the same characteristics as those removed.

Execution: specialized company

Frequency: annual

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