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Machines



Preventive maintenance of safety
systems di sicurezza

C444

PREVENTIVE MAINTENANCE INTERVENTIONS **(CHECKS OF SAFETY DEVICES)**

• SAFETY TESTS TO BE CARRIED OUT:

• GENERAL EMERGENCY STOP (RED MUSHROOM)

FREQUENCY	ACTION
QUARTERLY	<ul style="list-style-type: none"> • Press the mushroom buttons one by one and check that all the machines in the system stop. • After each global shutdown, rearm all the corresponding zones and panels to start the system. • Check that the general air is cut off.

• LOCAL EMERGENCY STOP (BLACK MUSHROOM)

FREQUENCY	ACTION
MONTHLY	<ul style="list-style-type: none"> • Press all the mushroom buttons one by one and check that all the machines in the area stop. • After each individual stop, rearm the zones that have been stopped by the aforementioned safety element.

• SECURITY FENCE DOORS

FREQUENCY	ACTION
MONTHLY	<ul style="list-style-type: none"> • Open all the doors one by one and check that all the cars in the cordoned off area to which they belong stop. • After each individual shutdown, rearm all the corresponding zones and panels. • Check the alignment of the fork with the safety microswitch.

• ACOUSTIC SIGNALS.

FREQUENCY	ACTION
MONTHLY	<ul style="list-style-type: none"> • Check that they are activated by putting the zone and/or system into operation.

• LIGHT BARRIER.

FREQUENCY	ACTION
QUARTERLY	<ul style="list-style-type: none"> Interrupt the light beam of the barrier manually and check that the relevant zone stops. After each individual stop, rearm all the corresponding zones and panels. Keep the muting activation elements in good condition and in good working order.

• AIR EXHAUST SOLENOID VALVE

FREQUENCY	ACTION
QUARTERLY	<ul style="list-style-type: none"> Press a red mushroom button and verify that air is released from the general air manifold. Clean the drain filter or replace it if it is clogged.

• SECURITY FENCE

FREQUENCY	ACTION
QUARTERLY	<ul style="list-style-type: none"> Check the perimeter and check that it is completely closed and in good condition, preventing the passage of people

• OTHER SAFETY DEVICES

FREQUENCY	ACTION
QUARTERLY	<ul style="list-style-type: none"> Manually stop operating the device and check that the relevant zone stops. After each individual shutdown, rearm all the corresponding zones and panels.

• GENERAL SAFETY

C44_Preventive maintenance of safety systems

SMET SPA Grugliasco (Turin)

C22_140_3270

FREQUENCY	ACTION
MONTHLY	<ul style="list-style-type: none">• Visual inspection of all emergency elements and, in case of breakages, dents or poor condition, notify the maintenance technician for the relevant repair or replacement. • If you test the emergency elements and one of them does not work, notify the maintenance technician for repair or replacement.• Before commissioning the system, all safety elements must have been repaired and all errors found during the safety test must have been resolved.