

1 Pressure Regulators

2 Pressure Gauges
(EN 837-1)

3 Safety Devices
(EN 5175-1)

5 Hoses
(EN 3821)

7 Oxyfuel Torch
(EN 5172)

4 Hoses connections
(EN 560)

6 Quick action couplings with shut-off valves
(EN 561)

SERVICE SCHEDULE FOR GAS EQUIPMENT USED IN WELDING, CUTTING AND ALLIED PROCESSES

SUMMARY OF
PERIODIC INSPECTIONS
IN ACCORDANCE
WITH UNI 11627

REFER TO THIS STANDARD
FOR THE COMPLETE AND
DETAILED DESCRIPTION
OF THE CHECKS TO PERFORM

BEFORE EACH USE

GENERAL VISUAL INSPECTION (SUITABILITY OF THE EQUIPMENT FOR THE INTENDED USE, NO DAMAGE, NO GREASY OR OILY RESIDUES, PROPER WORKING OF PRESSURE REDUCERS AND GAUGES, ETC.);

LEAK TESTS AT THE WORKING PRESSURE OF ALL JOINTS.

ANNUALLY

AND AT EACH CHANGE OF THE CYLINDER OR EQUIPMENT

FOLLOW THE MANUFACTURER'S INSTRUCTIONS FOR EACH DEVICE OR EQUIPMENT

INTEGRITY OF THREADS, SEATS, GASKETS, CONNECTIONS

ABSENCE OF GREASE OR OILY RESIDUES

MATCHING OF MARKING AND/OR COLOR WITH THE TYPE OF GAS USED AND FLOW DIRECTION

PRESENCE AND PROPER INSTALLATION OF SAFETY DEVICES

ABSENCE OF RIPS, BULGES, CRACKS AND DAMAGES

CORRECT OPERATION OF SHUT-OFF SYSTEMS AND VALVES (INCLUDING BACKFLOW)

INTEGRITY AND PROPER OPERATION OF THE NOZZLE

LEAK TEST OF JOINT AT THE MAXIMUM OPERATING PRESSURE

ITEM

	1	2	3	4	5	6	7
PRESSURE REGULATORS							
PRESSURE GAUGES							
SAFETY DEVICES							
HOSE CONNECTIONS							
HOSES							
QUICK ACTION COUPLINGS							
OXYGUEL TORCH							
	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓		✓		
			✓				
					✓		
	✓		✓			✓	✓
							✓
	✓	✓	✓	✓	✓	✓	✓

REPLACEMENT OR FULL OVERHAUL

TO BE CARRIED-OUT BY THE MANUFACTURER OR AUTHORIZED REPAIRERS

YEARS

RECOMMENDED MAXIMUM INTERVALS (AT NORMAL OPERATING CONDITIONS)

5	5	5	5	3	5	5
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