

7 Maintenance

Target groups O, E, M, C



Definition of the target groups:

- Operating Instructions *General*
Chapter *Introduction/target groups*.



Observe the following information:

- Operating Instructions *General*
Chapter *Safety*,
Chapter *Maintenance*,
- *Subsuppliers'* Operating Instructions,
- *Electrical Equipment* Operating Instructions.

7.1 Maintenance schedule

Area	Inspection	Action	OS	TI
Compressed-air accumulator, condensate drain	▪ Condensate in tank	Drain condensate	N	W
Filter with automatic condensate drain	▪ Filter clogging ▪ Automatic draining of condensate	Change or clean filter element/ change condensate drain	N/P N	W M
Filter with manual condensate drain	▪ Filter clogging ▪ Condensate drain	Change or clean filter element/ Drain condensate	N/P N	W 3D
Oiler	▪ Oil level ▪ Drop rate	Refill with oil Adjust drop rate	N N	W M
Pressure control valves, Safety valves	▪ Setting values according to circuit diagram	Correct setting values as indicated in the circuit diagram	N	W
Directional control valves	▪ Switching operation (mech. valves)	Repair/change	N	W

Pneumatic valve units

Maintenance

Area	Inspection	Action	OS	TI
	<ul style="list-style-type: none"> ▪ Electric functioning (solenoid valves) ▪ Cabling and plugs ▪ Measurement of input voltage 		N N N	W W M
Pressure switches	<ul style="list-style-type: none"> ▪ Signaling ▪ Pressure setting value 	Repair/change Correct setting values	N N/P	M M
Pipework system	<ul style="list-style-type: none"> ▪ Leaks ▪ Corrosion ▪ Fastenings 	Repair/change	N N N	D M W
Hoses	<ul style="list-style-type: none"> ▪ Damage ▪ Chafe marks ▪ Proper attachments / fastenings 	Repair/change	N N N	D D D
Cylinders, tilting cylinders, motors	<ul style="list-style-type: none"> ▪ Collars, wipers ▪ Shaft seal rings ▪ Piston rods ▪ Setting of cushioning 	Repair/change	N N N N	D D D W

Operating state (OS)

N	Normal operation (production)
Z	Enabling mode
S	Special operating mode
P	Stop (maintenance, troubleshooting)
R	Repair
X	All operating conditions

Time interval (TI)

**D	every day (24 hours)
**W	every week
**M	every month
**Y	every year

******) Intervals together with numbers mean, for example:

2D= every two days, or

3M= every three months