

DECLARATION

We herewith declare that the below-listed Sun Hydraulics cartridge valves without electrical actuation are non-electrical devices without potential ignition sources and do not fall under the scope of the EU Directive 2014/34/EU if assembly. Installation and operation of the valves are according to the datasheet and the operating conditions follow the permitted ranges in all circumstances. During operation, risks of ignition can occur depending on the properties of the fluid caused by hot surfaces or electrostatic discharge. The operator must handle these risks with appropriate measures. This declaration relates to the following:

- Non-electric pressure relief valves RD**, RP**, RB*A, RBAC, RBAD, RBAE, RBAG, RBAM
- Non-electric ventable relief valves RV*A, RV*S,
- Non-electric sequence valves RS** and S**A
- Non-electric pressure control valves PB**, PP**, PV**, PR**
- Load-holding valves CK**, CV*V, CB**, CW**, MB**, MW**
- Check valves CO**, CX**, CN**
- Needle valves NF**, NC**
- Non-electric flow control valves FC**, FX**, FD**, FR**, FV**
- Flow divider valve FS**
- Logic valves LO**.X**, LK**.X**, LP**, LR**, DO*S, DK*S, DK*P, DO*P, DO*R, DK*R
- Pressure-sensitive directional valves DP**, DR**
- Hydraulically operated directional valves DC**, DD**, DS**
- Shuttle valves CS**, CD**, DS**
- Flow fuse valve FQ**
- Accumulator unloading valves QP**, QC**

The above listed valves are no ignition source **if** they are built with L-, C- or X- control (model code with 5th digit L**, or C** or X**). This declaration does **not** refer to cartridges made from stainless steel (modifier /AP) since the adjust screw is made from titanium. This declaration does **not** refer to:

- Valves with momentary/twist, detent/lock, or dual twist/lock operation
- Valves with key locks (standard or VW key lock)
- Atmospherically vented valves
- Pneumatically operated valves

Andrew Newman

Revision Date: June 7, 2023



Andrew Newman