

Supplier's Declaration of Conformity for Material Declaration Management

- 1) **SDoC No.:** HAWE Hydraulik SE SDoC 130130
- 2) **Issuer's name:** HAWE Hydraulic SE
Issuer's address: D-81673 Munich, Streifeldstraße 25
- 3) **Object(s) of declaration:** 1) HAWE Products for Material Declaration 120130.pdf
2) _____
3) _____
4) _____

4) The object(s) of the declaration described above is/are in conformity with the following documents:

5) **Applicable Regulations or other stipulated requirements and documents**

| Document No. | Title | Edition | Date of issue |
|--------------|---|---------|---------------|
| MEPC.197(62) | Guidelines for the Development of the Inventory of Hazardous Materials | | 2011-07-15 |
| | | | |
| | | | |

8) **Additional Information:**

6) **Signed for and on behalf of:** HAWE Hydraulik SE

Munich


Place of issue

2013-01-30

Date of issue

7) Ralf Mebert, Tec. Support

Name, function



Signature

Material Declaration

<Date of declaration>

| | |
|------|------------|
| Date | 2013-01-30 |
|------|------------|

<MD ID number>

| | |
|-----------|---|
| MD-ID-No. | HAWE Products for Material Declaration 120130.pdf |
|-----------|---|

<Supplier (respondent) information>

| | |
|------------------|--------------------------------------|
| Company name | HAWE Hydraulik SE |
| Division name | Techn. Support |
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| SDoC ID-No. | HAWE Hydraulik SE SDoC 130130 |

<Other information>

| | |
|----------|--|
| Remark 1 | Listed Products according to Technical Documentation |
| Remark 2 | Documenations see www.hawe.de |
| Remark 3 | Actual Versions |

<Product information>

| Product name | Product number | Delivered unit | | Product information |
|-------------------------------|---------------------|----------------|-------|---|
| | | Amount | Unit | |
| Products of HAWE Hydraulik SE | All Listed Products | 1 | piece | listed in HAWE Products for Material Declaration 120130.pdf |

<Material information>

This materials information shows the amount of hazardous materials contained in

| | |
|---|------|
| 1 | Unit |
|---|------|

| Table | Material name | Threshold level | Present above threshold level | If yes, material mass | | If yes, information on where it is used | |
|--|----------------------------------|------------------------------|-------------------------------|-----------------------|------|---|--|
| | | | Yes/No | Mass | Unit | | |
| Table A (materials listed in appendix 1 of the Convention) | Asbestos | no threshold level | No | | | | |
| | Polychlorinated biphenyls (PCBs) | no threshold level | No | | | | |
| | Ozon depleting substance | Chlorofluorocarbons (CFCs) | no threshold level | No | | | |
| | | Halons | | No | | | |
| | | Other fully halogenated CFCs | | No | | | |
| | | Carbon tetrachloride | | No | | | |
| | | 1,1,1-Trichloroethane | | No | | | |
| | | Hydrochlorofluorocarbons | | No | | | |
| | | Hydrobromofluorocarbons | | No | | | |
| | | Methyl bromide | | No | | | |
| | Bromochloromethane | No | | | | | |
| Anti-fouling systems containing organotin compounds as a biocide | 2,500 mg total tin/kg | No | | | | | |

| Table | Material name | Threshold level | Present above threshold level | If yes, material mass | | If yes, information on where it is used |
|---|---|--------------------|-------------------------------|-----------------------|------|---|
| | | | Yes/No | Mass | Unit | |
| Table B (materials listed in appendix 2 of the Convention) | Cadmium and cadmium compounds | 100 mg/kg | No | | | |
| | Hexavalent chromium and hexavalent chromium compounds | 1 g/kg | No | | | |
| | Lead and lead compounds | 1 g/kg | No | | | |
| | Mercury and mercury compounds | 1 g/kg | No | | | |
| | Polybrominated biphenyl (PBBS) | 1 g/kg | No | | | |
| | Polybrominated dephenyl ethers (PBDEs) | 1 g/kg | No | | | |
| | Polychloronaphthalenes (Cl >= 3) | no threshold level | No | | | |
| | Radioactive substances | no threshold level | No | | | |
| Certain shortchain chlorinated paraffins | 10 g/kg | No | | | | |

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| Product Type | Documentation |
|---|-----------------------------------|
| (Individual) Pumps | |
| H, HD, HE, DH | D 7147/1 |
| LP | D 7280 |
| R | D 6010 |
| RZ | D 6910 |
| V30D, V30E, V60N | D 7960, D 7960 E, D 7960 N * |
| Z | D 6820 |
| Hydraulic power packs, Compact power packs (w/o valve bank assembly) | |
| FP, FPW, FPX, FPWX | D 7310 |
| HC, HCW, HCG | D 7900 ++ |
| HK, HKF, HKL | D 7600 ++ |
| KA, KAW, KAM | D 8010 ++ |
| LP | D 7280 H |
| MP, MPW | D 7200 ++ |
| MPN, MPNW | D 7207 |
| R, RZ | D 6910 H |
| Directional spool valves | |
| DL, DLS, DLSR | D 7260 ++ |
| HSF, HSL | D 7493 ++ |
| HSR, HSRL | D 7493 |
| NSMD | D 7787 |
| PSL, PSV, PSM, SL, PSLF, PSVF, SLF | D 7700 ++, D 7700 F |
| SG, SP | D 5650/1 |
| SKS, SKV, SKG | D 5700 |
| SKH, SKP, SKC | D 7230 |
| SW, SWR, SWP | D 7450, D 7451 ++ |
| SWR, SWS | D 7450, D 7451, D 7951 |
| Directional seated valves | |
| BVG, BVP, BVE, NBVP, VP, BVH | D 7400, D 7765, D 7921, D 7788 BV |
| NBVP 16 | D 7765 N |
| CR | D 7150 |
| DA, EA | D 1741 |
| EM, EMP | D 7490 ++ |
| G, H, P, F, T, K, D, VB | D 7300, D 7302 |
| HMB, HMC, HMT etc. | D 7650 ++ |
| HSV | D 7032 |
| VH, VHP, VHR | D 7647 |
| VZP, BVZP | D 7785 ++ |
| WN, WH, BWN, BWH | D 7470 ++ |

| Product Type | Documentation |
|--------------------------------|---|
| Pressure control valves | |
| ADC, AM, PM, PMZ | D 7458, D 7625 |
| ADM | D 7120 |
| CDK, CLK, CK, DZ | D 7745 ++, D 7941 |
| DSV, CDSV | D 3990, D 7876 |
| CNE | D 7710 NE |
| NE | D 7161 |
| DV, AS | D 4350, D 6170 |
| VDM, VDX | D 5579 |
| LHK | D 7100 |
| LHDV | D 7770 |
| LHT | D 7918 |
| LV | D 7529 |
| AL, ALZ | D 6170 |
| MV., SV., CMV, CSV | D 3726, D 7000, D 7710 |
| PMV | D 7485/1 |
| PDV, PDM | D 7486 |
| VR | D 7340 |
| Flow control valves | |
| CAV, AV, AVT, AVM | D 7690, D 4583, D 7711 |
| BC, BE, EB | D 6969 B, D 7555 B, D 6465 |
| CQ, CQR, CQV | D 7713 |
| ED, FG, Q, QR, QV, RD, RDF | D 7050, D 7730, D 7275, D 7540 |
| SB, SQ | D 6920 |
| SF, SD, SK, SU | D 6233 |
| DSJ | D 7825 |
| SE, SEH | D 7557/1 |
| TQ | D 7381 |
| TV | D 7394 |
| Check valves | |
| B | D 1191 |
| CRK, CRB, ER, RK, RB, RC | D 7745, D 6969 R, D 7555 R, D 7325, D 7445 |
| CRH, RHC, RH, DRH | D 7712, D 7165, D 3056, D 6105, D 6110 |
| HRP | D 5116 |
| F | D 6960 |
| LB | D 6990 |
| WV, WVC, WVH | D 7016 |

| Product Type | Documentation |
|--------------------|-----------------------------------|
| Cylinder | |
| HSA, HSE | D 4711 |
| Accessories | |
| DT | D 5440 T/1, D 5440 T/2 |
| DG 6 | D 5440 F |
| DG (1, 2, 3) | D 5440 |
| AC, ACS | D 7571 |
| X, X84 | D 7065, D 7077 |
| Electronics | |
| MSD, MSE, SVS | D 7163 |
| EV1M2 | D 7831-1 |
| EV... | D 7817, D 7817D, D 7837, D 7831-1 |
| PLVC 2,4 | D 7845-2, -3 |
| PLVC8X | D 7845 M |