

Manufacturer – Location 1  
**HANSEN TECHNOLOGIES CORPORATION**  
 681 Commerce Street  
 Burr Ridge, Illinois 60527  
 USA

Manufacturer – Location 2  
**HANSEN TECHNOLOGIES CORPORATION**  
 3475 Old Maysville Rd  
 Commerce, GA 30529  
 USA

**SUMMARY OF PED PRODUCT CATEGORIES AND CERTIFICATES**

Description, Model Numbers	Product Category	Assessment Module	Design Tech. File
6mm – 15mm (¼" - ½") Port Size Gauge Valves and Purge Valves (models HGV1, HGV1H, HGV2, H7771, H7771H, H965, H7772, H7772H, H967, H957C, H957H, H957, H7773, H7773H, H7774, H7774H, H7777, H7778, H958C, H958H and H9490)	SEP	-	-
15mm – 25mm (½" – 1") Port Size Shut-Off Valves and Hand Expansion Valves (models GT, AT, GTB, GSB, ATB, ASB, RT, VT, RTB, VTB, RSB, VSB, GWB, AWB, RWB and VWB)	SEP	-	-
15mm – 25mm (½" – 1") Port Size Three-Way Shut-Off Valves (models H8021, H8022, H8024)	SEP	-	-
4mm – 25mm (5/32" – 1") Port Size Solenoid Valves (models HS2, HS6, HS8A, HS8W, HS7, HS4/HS4W, HS4D/HS4DW and PXV/PXVW)	SEP	-	-
4mm – 25mm (5/32" – 1") Port Size Pressure Regulating Valves (models HA2A, HA2B, AR1, AR3, HA4, HMSV, HMSVC, HMMR, HMMRC, HMMV, HMMVC, HMX, HMXC, HMMVWC, HMMRWC, AR1W, AR3W, HA4W, HMSVW, HMMVW, HMSVWC, HMMRW, MCR, MCW, MCRW, and MCVW)	SEP	-	-
15mm-25mm (1/2" – 1") Port Size Multi-Valve Platform Refrigerant Control Valve Station (models MVP)	SEP	-	-
10mm – 25mm (3/8" – 1") Port Size Check Valves (models HCK4, HCK1 and HCK1W)	SEP	-	-
15mm – 25mm (½" – 1") Port Size Strainers (Filters) (models ST050, ST100 and STW100)	SEP	-	-
Electronic Level Control Devices (models VLT, LP, SHP, SVP, SHA, SVA, SPS and SPL)	SEP	-	-
25mm (1") Port Oil Temperature Valves (model HOTV)	SEP	-	-
10mm – 32mm (3/8" – 1¼") Port Size Pressure Regulating Valves, Solenoid Valves, Check Valves, Gas Powered Valves, and Strainers (Filters) for Carbon Dioxide (models CHA4A/CHA4W, CHS4A/CHS4W, CHS4D/CHS4DW, CHCK4, CHCK1/CHCK1W, CHS9B/CHS9BW, CHCK5/CHCK5W, CHCK5D/CHCK5DW, CHCK2/CHCK2W and CST/CSTW)	SEP	-	-
32mm (1¼") Port Size Shut-Off Valves and Hand Expansion Valves (models GT, AT, GTB, GSB, ATB, ASB, RT, VT, RTB, VTB, RSB, VSB, GWB, AWB, HSCK, RWB and VWB)	I	A	EF106
40mm – 80mm (1½" – 3") Port Size Pressure Regulating Valves, Solenoid Valves, Check Valves, Gas Powered Valves, and Strainers (Filters) for Carbon Dioxide (models CHA4A/CHA4W, CHS4A/CHS4W, CHS4D/CHS4DW, CHCK4, CHCK1/CHCK1W, CHS9B/CHS9BW, CHCK5/CHCK5W, CHCK5D/CHCK5DW, CHCK2/CHCK2W and CST/CSTW)	I	A	EF105
32mm (1¼") Port Size Three-Way Shut-Off Valves (model H8025)	I	A	EF106
32mm (1¼") Port Size Pressure Regulating Valves, Solenoid Valves, Check Valves, Gas Powered Valves, and Strainers (Filters) (models AR1, AR3, HA4, HS4, HS4D, HS7, HMSVC, HMSV, HMMVC, HMMV, HMMRC, HMMR, HCK4, HCK1, HS9B, HCK5, HCK2, AR1W, AR3W, HA4W, HS4W, HS4DW and HCK1W)	I	A	EF100
32mm (1¼") Port Size Motorized Control Valves (models MCR and MCW)	I	A	EF100
32mm (1¼") Port Size Motorized Control Valves (models MCRW and MCVW)	II	H	EF100
32mm-100mm (1¼" – 4") Port Size Multi-Valve Platform Refrigerant Control Valve Station (models MVP)	II	H	EF101
40mm – 100mm (1½" – 4") Port Size Shut-Off Valves and Hand Expansion Valves (models AS, GS, AW, GW, RS, VS, RW, VW, CAS, CGS, CAW, CGW, CRS, CVS, CRW, CVW, HSCK and CHSCK)	II	H	EF107
40mm – 100mm (1½" – 4") Port Size Pressure Regulating Valves, Solenoid Valves, Check Valves, Gas Powered Valves, and Strainers (Filters) (models HCK1/HCK1W, HCK2/HCK2W, HCK5/HCK5W, HCK5D/HCK5DW, HS9B/HS9BW, HS4A/HS4W, HS4D/HS4DW, HA4A/HA4W, AR1/AR1W, AR3/AR3W, ST/STW, HCK4, HMSV/HMSVW, HMMV/HMMVW, HMMR/HMMRW, MCR, MCV, MCRW, and MCVW)	II	H	EF101
Air Purgers (models APM, APMC and NEAP)	II	H	EF103
40mm – 80mm (1½" – 3") Oil Temperature Valves (models HOTV, CHOTV)	II	H	EF111
See-Level Liquid Indicators (models H1100)	II	H	EF110
125mm – 450mm (5" – 18") Port Size Shut-Off Valves (models AW, GW, CAW, CGW HSCK, and CHSCK)	III	H	EF108
125mm – 150mm (5" – 6") Port Size Pressure Regulating Valves, Solenoid Valves, Check Valves, Gas Powered Valves, and Strainers (models AR1W, AR3W, HA4W, HS4W, HCK1W, HS9BW, HCK5W, HCK2W, and STW)	III	H	EF102
High Pressure Float Drain Regulators (models HD101 and HT100)	II	H	EF103
High Pressure Float Drain Regulators (models HT200 and HT300)	III	H	EF103
Safety Pressure Relief Valves (models H56XX, EZ)	IV	B + D	EF104
Refrigerant Float Switches (models HLL, HLLSE, and CHLLE)	IV	B + D	EF109
Rupture Discs (models RDA1, RDA2, RDA4A, and RDA5A)	IV	-	-

**Notified Body:** LRQA Nederland BV  
 George Hintzenweg 77  
 3068 AX Rotterdam  
 The Netherlands

**Notified Body Identification Number:** 0343

**EU Type Examination Certificates:** 0343/PED/ROT/20020155/A, 0343/PED/ROT/NAO0102531/1, 0343/PED/ROT/20020155/C (Module B)

**EU Certificates of Conformity:** 0343/PED/ROT/20020155/B (Module D)  
 0343/PED/ROT/20020155/D (Module H)

**Reference Design Standards:** ANS/IIAR 2: Equipment, Design, and Installation of Ammonia Mechanical Refrigeration Systems  
 (in-full or in-part) ASME B31.5: Refrigeration Piping and Heat Transfer Components  
 ASME B16.34: Valve – Flanged, Threaded, Welding End  
 ASME Boiler and Pressure Vessel Code, Sections II, VIII (Division 1), IX, and XIII

**Manufacturer's Signatory**

<b>Name:</b> Bryant Crane	<b>Signature:</b> 
<b>Position:</b> Director – Product Engineering & Innovation	<b>Date:</b> May 11, 2022