



NO SIJIL: JANS.22.34

## SIJIL KELULUSAN UNTUK PRODUK SISTEM BEKALAN AIR

Dengan ini, **Jabatan Air Negeri Sabah** memberi kelulusan produk ini untuk kegunaan dalam sistem bekalan air di bawah Seksyen 7 (1) (d), Enakmen Bekalan Air Negeri Sabah 2003:

Nama Syarikat : **MEC RESOURCES SDN BHD**  
P.O. Box 22460,  
88783 Luyang Sabah

Nama Pengilang : **LUTZ JESCO GMBH**  
P.O. Box 10 01-64, D 30900 Wedemark, Germany

Nama Prinsipal : **LUTZ-JESCO EAST ASIA**  
Jalan Saudagar U1/16A, Hicom Glenmarie Industrial Park,  
40150 Shah Alam, Selangor

Nama Produk : Dosing Pump

Class/Size/Model : (Sila Lihat Jadual Belakang)

Jenama : **JESCO**

Piawaian : ANSI/ HI 7.6-2012

Tarikh Dikeluarkan : 23 Mei 2022

Kelulusan diberi tertakhluk kepada syarat-syarat dan ketetapan berikut:-

- i. Sah laku kelulusan ini berkuatkuasa sehingga **31 Disember 2023**.
- ii. Jabatan berhak untuk melakukan pemeriksaan terhadap mana-mana pengeluar produk.
- iii. Kelulusan ini tidak boleh disalin dalam mana-mana bentuk untuk tujuan pengiklanan atau komersil tetapi ia boleh ditunjukkan sebagai bukti kelulusan sahaja.
- iv. Kelulusan ini terbatal secara tersendirinya sekiranya terdapat unsur penipuan, rasuah sama ada syarikat atau produk, ancaman terhadap keselamatan negara, perubahan kualiti, spesifikasi dan maklumat produk, cetak rompak, Sijil Produk dibatalkan oleh pihak Badan Pensijilan dan sebagainya.
- v. Jabatan berhak untuk membatalkan kelulusan ini jika aduan mengenai pengeluar/pembekal/ejen atau produk diterima.
- vi. Jabatan ini berhak untuk membatalkan kelulusan ini pada bila-bila masa jika pengeluar/pembekal/ejen produk/ bahan didapati tidak mematuhi Enakmen Bekalan Air Negeri Sabah 2003.
- vii. Sijil ini tidak hanya terhad kepada pembekalan produk daripada ejen (jika sijil ini didaftarkan atas nama ejen). Produk juga boleh dibekalkan terus oleh prinsipal.
- viii. Sila rujuk butiran di **Jadual Belakang** untuk maklumat terperinci produk yang berdaftar dengan jabatan ini.

  
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(Baharum Bin K.K. Sogon)  
Pengarah Jabatan Air Negeri Sabah

## JADUAL

### MEC RESOURCES SDN BHD

NAMA PRODUK	MODEL	SIRI	PERIHAL/CLASS/SAIZ
Dosing Pump	MAGDOS LB	0.5 to 15 l/h, up to 16 bar	LB 05 - 15: 4/6" (Hose connection) LB 2 - 15: 6/9", 6/12" (Hose connection) ♦ Long-range power supply unit 110 ♦ 240 V, 50/60 Hz, IP65 ♦ Dosing head ventilation ♦ Suitable for wall and floor mounting ♦ Material finishes PVC, PP, PVDF ♦ Infinitely variable dosing rate from 0 ♦ 100 %
	MAGDOS LD	0.5 l/h to 15 l/h, 16 bar	LD 05 - 15: 4/6, 1/4x3/8", 6/9, 6/12 ♦ Power supply 230 V ♦ 10 %, 50/60 Hz, IP65 or 115 V ♦ 10 %, 50/60 Hz ♦ Dosing head ventilation ♦ Suitable for wall and floor mounting ♦ Material finishes PVC, PP, PVDF ♦ Stroke frequency can be precisely adjusted via the keyboard ♦ Graphic display ♦ Pulse input (increase and reduction) ♦ Level input with early warning and main alarm ♦ Release input for external start/stop ♦ Calculation wizard for pulse operation available online
	MAGDOS LK	0.5 l/h to 15 l/h, 16 bar	LK 05 - 15: 4/6, 1/4x3/8", 6/9, 6/12 (PVC, PP, PVDF) : 4/6, 6/9 (Stainless steel 1.4571, PVDF) ♦ Power supply 230 V ♦ 10 %, 50/60 Hz, IP65 or 115 V ♦ 10 %, 50/60 Hz ♦ Dosing head ventilation (plastic version) ♦ Suitable for wall and floor mounting ♦ Material finishes PVC, PP, PVDF and stainless steel ♦ Stroke frequency can be precisely adjusted via the keyboard ♦ Graphic display with multi-language menu ♦ Pulse input (increase and reduction) ♦ Level input with early warning and main alarm ♦ Release input for external start/stop ♦ Supply amount displayed in various units ♦ Maximum delivery rate can be limited ♦ Energy-saving ♦ Eco-mode ♦ is available ♦ Stroke feedback output
	MAGDOS LP	0.5 l/h to 15 l/h, 16 bar	LP 05 - 15: 4/6, 1/4x3/8", 6/9, 6/12 (PVC, PP, PVDF) : 4/6, 6/9 (Stainless steel 1.4571, PVDF) ♦ Long-range power supply unit 110 ♦ 240 V, 50/60 Hz, IP65 ♦ Dosing head ventilation (plastic version) ♦ Suitable for wall and floor mounting ♦ Material finishes PVC, PP, PVDF and stainless steel ♦ Stroke frequency can be precisely adjusted via the keyboard ♦ Graphic display with multi-language menu ♦ Analogue input and pulse input (increase and reduction) ♦ Level input with early warning and main alarm ♦ Release input for external start/stop ♦ Supply amount displayed in various units ♦ Maximum delivery rate can be limited ♦ Energy-saving ♦ Eco-mode ♦ is available ♦ Stroke feedback output ♦ Alarm relay output ♦ Batch dosing with interval and timer function
	MEMDOS LA	4 ♦ 1020 l/h, up to 16 bar	LA 4 - 20HP: 12 - 16 bar, LA 35 - 60: 10 bar, LA 80 - 150: 5 bar, LA 110 - 160: 10 bar, LA 210: 8 bar, LA 260: 7 bar, LA 310: 6, LA 400: 4.5 bar, LA 510 - 760: 4 bar, LA 1010: 3 bar ♦ Power supply 115 / 230 V, ♦ 5 %, 50/60 Hz ♦ Material finishes PVC, PP, PVDF and stainless steel ♦ Stroke frequency manually settable via a potentiometer ♦ Release input for external start/stop ♦ Analogue input 0/4 ♦ 20 mA ♦ Level input with a switching point ♦ Analogue output 0 ♦ 20 mA ♦ Alarm relay output ♦ Stroke feedback output ♦ Double-diaphragm system (optional) ♦ CSA and UL certified
	MEMDOS LB	4 l/h ♦ 1020 l/h, 16 bar	LB 4 - 20HP: 12 - 16 bar, LA 35 - 60: 10 bar, LA 80 - 150: 5 bar, LA 110 - 160: 10 bar, LA 210: 8 bar, LA 260: 7 bar, LA 310: 6, LA 400: 4.5 bar, LA 510 - 760: 4 bar, LA 1010: 3 bar ♦ Power supply 115 V, 230 V or 400V ♦ Material finishes PVC, PP, PVDF and stainless steel ♦ Infinitely variable stroke length from 0 ♦ 100 % ♦ A variety of three-phase and alternating current motors ♦ ATEX versions are available for Zones 1 and 2 ♦ Also suitable for frequency converter operation ♦ Double-diaphragm system (optional) ♦ Automatic stroke length adjustment (optional)
	MEMDOS LP	4 l/h ♦ 1020 l/h, 16 bar	LP 4 - 20HP: 12 - 16 bar, LA 35 - 60: 10 bar, LA 80 - 150: 5 bar, LA 110 - 160: 10 bar, LA 210: 8 bar, LA 260: 7 bar, LA 310: 6, LA 400: 4.5 bar, LA 510 - 760: 4 bar, LA 1010: 3 bar ♦ Power supply 230 V, ♦ 5 %, 50/60 Hz ♦ Material finishes PVC, PP, PVDF and stainless steel ♦ Stroke frequency can be precisely adjusted via the keyboard ♦ Precise pump adjustment via the keyboard ♦ Graphic display with multi-language menu ♦ Analogue input 0/4 ♦ 20 mA ♦ Pulse input (increase and reduction) ♦ Level input with early warning and main alarm ♦ Release input for external start/stop ♦ Supply amount displayed in various units ♦ Maximum delivery rate can be limited ♦ Stroke feedback output ♦ Batch dosing with interval and timer functions ♦ Dosing control input ♦ Alarm relay output ♦ Analogue output 0/4 ♦ 20 mA ♦ Diaphragm rupture detection and reporting (optional) ♦ Double-diaphragm system (optional) ♦ Ethernet interface (optional)
	MIDIDOS E	24 l/h to 114 l/h, 10 bar	E 24 - 48: 10 bar, E 72: 6 bar, E 120: 4 bar ♦ Gear parts and storage are lubricated for life ♦ Hub length is manually adjustable from 0...100% ♦ Max. dosing range: 114 l/hr ♦ Suitable for toxic and aggressive substances ♦ Materials: PVC, PP, PVDF, stainless dosing head and valves; seal FPM ♦ Valves as double-ball valves ♦ Coated in EPDM - PTFE lining ♦ Gearbox with one-level worm-wheel gear-ratio
MINIDOS A	3 ♦ 39 l/h, up to 10 bar	A 3 - 14: 10 bar (230V), A 3 - 24: 10 bar (400V), A 24: 5 bar (230V), A 40: 2.5 bar (230V), A 40: 5 bar (400V) ♦ Manually adjustable stroke length from 0 ♦ 100 % ♦ Materials: PVC, PP, PVDF and stainless steel ♦ Suitable for toxic and aggressive media ♦ Material consistency with the accessories ♦ Feet and gears made of chemical-resistant plastic ♦ Motors available in three-phase and alternating current versions	

### NOTA PENTING

- Penama dinasihatkan untuk membuat permohonan pembaharuan pendaftaran produk/bahan sekurang-kurangnya **enam bulan (6) bulan** dari tarikh sah laku sijil tamat.
- Permohonan pembaharuan yang melebihi tarikh sah laku sijil akan dianggap sebagai permohonan baru.