

HYTECH-POMMEC

Title: Cross list

No.: FRM12.2.55-10.0

Client	Douane Nederland	Date	18-09-2025
Client reference	G. Kuijten	Project number	
Hytech-Pommec order	12532928	Serial number	004 & 002
New build	No	X	Maintenance

Description	Work to be carried out	Sign	Remarks
DART outside			
Depth gauge 0-70 msw S/N D1136	Calibration ½ yearly In accordance with SWOD WOD-SOE	TVB	Last calibration: 09-2025 Next calibration: 03-2026 See certificate
	Visual check general condition Function test	TVB	Checked and tested: OK
Analyser O2 & CO2 Hytech 3.20.399 KM97999182	Calibration ½ yearly In accordance with SWOD WOD-SOE	TVB	Last calibration: 09-2025 Next calibration: 03-2026 See certificate
	Change O2 cell yearly Art. T.99.02532	TVB	Last replacement: 09-2025 Next replacement: 09-2026
	Visual check general condition Function test	TVB	Checked and tested: OK
Communication Sub Sea Services D8601P S/N: 951586-1	Replace battery yearly Art. P.99.00394	TVB	Last replacement: 09-2025 Next replacement: 09-2026
	Visual check general condition Function test	TVB	Checked and tested: OK
Oxygen manifold	Replace spare kit 4 yearly Art.: H.80.00212	-	Last replacement: 10-2022 Next replacement: 10-2026
	Visual check general condition Function test Clean Tightening torque bolts 20 Nm	TVB	Checked and tested: OK
Air manifold	Replace spare kit 4 yearly Art.: H.80.00215	-	Last replacement: 10-2022 Next replacement: 10-2026
	Visual check general condition Function test Clean Tightening torque bolts 20 Nm	TVB	Checked and tested: OK
Supply lock / equalization valve	Replace spare kit 3 yearly Art.: H.80.00213 Art.: H.80.00214	TVB	Last replacement: 09-2025 Next replacement: 09-2028
	Visual check general condition Function test Leak test Grease slight O-rings monthly	TVB	Checked and tested: OK
Pressure relief valve 3.80.1313 S/N 025571771	Visual check general condition Function test Check wire lock	TVB	Checked and tested: OK Main safety replaced: 9-2025 Pressure set at 5,1 bar Opens: 52,5 MSW Closes: 50,5 MSW

HYTECH - POMMEC

Title: Cross list

No.: FRM12.2.55-10.0

Description	Work to be carried out	Sign	Remarks
Life support gauge (3x) 0-25 bar (2x) 0-16 bar (1x)	Calibration ½ yearly In accordance with SWOD WOD-SOE	TVB	Last calibration: 09-2025 Next calibration: 03-2026 See certificate
	Visual check general condition Function test	TVB	Checked and tested: OK
Flowmeters analysis & flushing	Visual check general condition Function test	TVB	Checked and tested: OK
Quick connect couplings WP 006 (1x) WP 012 (2x)	Visual check general condition Function test	TVB	Checked and tested: OK Some couplings have no locking mechanism
Inlet hoses air Inlet hoses oxygen	Pressure test 2 yearly In accordance with SWOD WOD-SOE	-	Last test: 09-2025 Next test: 09-2027
	Visual check general condition Function test coupling	TVB	Checked and tested: OK
Battery charger / Battery pack (2x)	Replace battery 2 yearly Art. P.99.00404	-	Last replacement: 09-2025 Next replacement: 09-2027
	Visual check general condition Function test	TVB	Checked and tested: OK
Triple timer	Replace battery yearly Art. P.99.00396	TVB	Last replacement: 09-2025 Next replacement: 09-2026
	Visual check general condition Function test Set correct time	TVB	Checked and tested: OK
Knocking signal hammer	Visual check general condition	TVB	Checked: OK
Air/oxygen manifold needle valves Swagelok B-ORM2	Visual check general condition Function test Clean Check wire lock	TVB	Checked and tested: OK
Area heater trailer	Visual check general condition Function test	TVB	Tested. OK
All piping, valves and manifolds	Visual check general condition Leak test	TVB	Checked and tested: OK
DART inside			
Viewports S/N: 44440 S/N: 44441 S/N: 44442	Replace viewport 10 yearly In accordance with SWOD WOD-SOE Art.: 3.5.435	TVB	Last replacement: 2025 Next replacement: 2035
	Replace seal 10 yearly Art.: 4.50.7760 (6x) O-ring: 150 x 5 (3x)	TVB	Last replacement: 2025 Next replacement: 2035
	Visual check general condition Leak test	TVB	Checked and tested: OK

HYTECH-POMMEC

Title: Cross list

No.: FRM12.2.55-10.0

Description	Work to be carried out	Sign	Remarks
Door	Replace lip seal 4 yearly Art.: 4.50.3256	TVB	Last replacement: 2025 Next replacement: 2029
	Replace O-rings 4 yearly Art. H.70.00103 (2x)	TVB	Last replacement: 2025 Next replacement: 2029
	Visual check general condition Leak test	TVB	Checked and tested: OK
Skin ball valve PRV	Visual check general condition Function test Check wire lock	TVB	Checked and tested: OK
Scott mask (2x) S/N: O2.09-027 S/N: O2.09-028	Replace soft parts yearly Art. H.80.00073	FJH	Last replacement: 09-2025 Next replacement: 09-2026 See certificates
	Visual check general condition Function check	FJH	Checked and tested: OK
Supply lock	Replace spare kit 3 yearly See DART outside for spare kit	-	Last replacement: 09-2025 Next replacement: 09-2028
	Visual check general condition Function check	TVB	Checked and tested: OK
Lighting Bulb: P.99.00202 (Osram 24v/20w 64435)	Visual check general condition Function check	TVB	Checked and tested: OK
Knocking signal hammer	Visual check general condition	TVB	Checked: OK
Interior	Visual check general condition Function test seat Function test bedrail / stretcher Function test stretcher lock Function test door construction	TVB	Checked and tested: OK
All bolts	Check tightness	TVB	Checked: OK
Fire extinguisher (1x) STS2000 S/N: 00006658	Overhaul yearly Art.: H.80.000305	EC	Last overhaul: 09-2025 Next overhaul: 09-2026
	Hydrostatic test 2 yearly	EC	Last test: 12-2024 Next test: 12-2026
	Visual check general condition	EC	Checked: OK
ATEL outside			
Depth gauge 0-70 msw S/N: D1141	Calibration ½ yearly In accordance with SWOD WOD-SOE	TVB	Last calibration: 09-2025 Next calibration: 03-2026 See certificate
	Visual check general condition Function test	TVB	Checked and tested: OK

HYTECH-POMMEC

Title: Cross list

No.: FRM12.2.55-10.0

Description	Work to be carried out	Sign	Remarks
Oxygen manifold	Replace spare kit 4 yearly Art.: H.80.00212	-	Last replacement: 10-2022 Next replacement: 10-2026
	Visual check general condition Function test Clean Tightening torque bolts 20 Nm	TVB	Checked and tested: OK Cleaned.
Air manifold	Replace spare kit 4 yearly Art.: H.80.00215	-	Last replacement: 10-2022 Next replacement: 10-2026
	Visual check general condition Function test Clean Tightening torque bolts 20 Nm	TVB	Checked and tested: OK Cleaned
Penetrator manifold and blind flange	Replace O-rings 4 yearly Art.: H.70.00346	TVB	Last replacement: 10-2023 Next replacement: 10-2027
	Visual check general condition Function test Tight bolts 20 Nm	TVB	Checked and tested: OK
Pressure relief valve 3.80.1313 S/N: HTSV 3698	Replace spare kit 4 yearly Art.: H.80.00132	--	Last replacement: 10-2024 Next replacement: 10-2028
	Visual check general condition Function test Check wire lock	TVB	Checked and tested: OK Opens: 52.0 MSW Closes: 47.5 MSW
Pressure gauge (3x) 0-25 bar (2x) 0-16 bar (1x)	Calibration ½ yearly In accordance with SWOD WOD-SOE	TVB	Last calibration: 09-2025 Next calibration: 03-2026 See certificate
	Visual check general condition Function test	TVB	Checked and tested: OK
Quick connect couplings WP 006 (1x) WP 012 (2x)	Visual check general condition Function test	TVB	Checked and tested: OK
IUC clamp	Replace O-ring 4 yearly Ø10 mm Length 192 cm Art.: H.70.00608	TVB	Last replacement: 10-2023 Next replacement: 10-2027
	Visual check general condition Function test Leak test	TVB	Checked and tested: OK
Communication: Sub Sea Services D8601P S/N: 951586-9	Replace battery yearly Art. P.99.00394	TVB	Last replacement: 09-2025 Next replacement: 09-2026
	Visual check general condition Function test	TVB	Checked and tested: OK
Air/oxygen manifold needle valves (3x) Swagelok B-ORM2	Visual check general condition Function test Clean Wire locked	TVB	Checked and tested: OK Cleaned
Air inlet hoses Oxygen hose	Pressure test 2 yearly In accordance with SWOD WOD-SOE	--	Last test: 09-2025 Next test: 09-2027 See certificates
	Visual check general condition Function test	TVB	Checked and tested: OK
Triple timer	Replace battery yearly Art. P.99.00396	TVB	Last replacement: 09-2025 Next replacement: 09-2026

HYTECH - POMMEC

Title: Cross list

No.: FRM12.2.55-10.0

Description	Work to be carried out	Sign	Remarks
	Visual check general condition Function test	TVB	Checked and tested: OK
Stickers	Check presents and condition of: Knocking signals, no smoking, forklift, crane hook, brakes, Atel.	TVB	Checked: OK
All piping, manifolds and valves	Visual check general condition Function test	TVB	Checked and tested: OK
ATEL Inside			
Viewports S/N: 44439	Replace viewport 10 yearly In accordance with SWOD WOD-SOE Art.: 3.50.435	TVB	Last replacement: 2025 Next replacement: 2035
	Replace seal 10 yearly Art.: 4.50.7760 (2x) O-ring: 150 x 5 (1x)	TVB	Last replacement: 2025 Next replacement: 2035
	Visual check general condition Leak test	TVB	Checked and tested: OK
Doors	Replace lip seal 4 yearly Art.: 4.50.3256	--	Last replacement: 10-2023 Next replacement: 10-2027
	Visual check general condition Leak test	TVB	Checked and tested: OK
Skin ball valve PRV	Visual check general condition Function test Check wire lock	TVB	Checked and tested: OK
Pressure compensation valve (Manual)	Replace O-ring 2 yearly Art: 26.57x3.53	--	Last replacement: 09-2025 Next replacement: 09-2027
	Visual check general condition Function test Leak test	TVB	Checked and tested: OK
OXYGEN mask (1x) Scott S/N: O2 09.026	Replace soft parts yearly Art. H.80.00073	TVB	Last replacement: 09-2025 Next replacement: 09-2026 See certificate
	Visual check general condition Function test	TVB	Checked and tested: OK
Stickers & Signal hammer	Check if knocking signal sticker present	TVB	Checked. OK
Lighting Bulb: P.99.00202 (Osram 24v/20w 64435)	Visual check general condition Function test	TVB	Checked and tested: OK
Interior	Visual check general condition Function test door construction	TVB	Checked and tested: OK

HYTECH - POMMEC

Title: Cross list

No.: FRM12.2.55-10.0

Description	Work to be carried out	Sign	Remarks
Stickers	Check presents and condition of: Crane hook, No smoking, DART, Air valves, Oxygen valves, Air supply, Oxygen supply, Wheel locking, Forklift, Knocking signals, Technical data, Remote control, Control asc, Air flush	TVB	Checked. OK
Piping, valves and manifolds	Visual check general condition Leak test	TVB	Checked and tested: OK
Fire extinguisher (1x) STS2000 S/N: M530370	Overhaul yearly Art.: H.80.00305	EC	Last overhaul: 09-2025 Next overhaul: 09-2026
	Hydrostatic test 2 yearly	EC	Last test: 09-2025 Next test: 09-2027
	Visual check general condition Function test	EC	Checked: OK
Air / Oxygen supply			
HP cylinder (4x) AIR 200 bar / 50 ltr S/N: 072320 S/N: 074222 S/N: 074308 S/N: OPN137	Retest cylinder 5 yearly	--	Last retest: 04-2023 Next retest: 04-2028 End of lifetime 04-2053
	Visual inspection outside Leak test	TVB	Checked and tested: OK
HP cylinder (3x) OXYGEN 200 bar / 50 ltr S/N: OPN127 S/N: OPN128 S/N: OPN129	Retest cylinder 5 yearly	--	Last retest: 04-2023 Next retest: 04-2028
	Visual check general condition Leak test	TVB	Checked and tested: OK
Pressure reducer (1x) Oxygen supply Poseidon S/N: P1500340	Replace spare kit yearly Art. H.80.00001	TVB	Last replacement: 09-2025 Next replacement: 09-2026
	Visual check general condition Function test	TVB	Checked and tested: OK Pressure set at: $\pm$ 8 bar Safety set at: $\pm$ 14 bar
Pressure gauge (3x) 0-400 bar	Visual check general condition Function test	TVB	Checked and tested: OK
Pressure reducer (1x) AIR supply Hytech AS4000 S/N: 1068 Pressure set at 15 bar	Replace spare kit yearly Art. H.80.00008	TVB	Last replacement: 09-2025 Next replacement: 09-2026
	Visual check general condition Function test Leak test	TVB	Checked and tested: OK
Pressure relief valve Reducer 1 Ewo S/N: 021483760 Pressure set at 20 bar	Visual check general condition Function test	TVB	Checked and tested: OK Safety open: 20,6 bar
Pressure reducer (1x) Air supply 2	Replace spare kit yearly Art. H.80.00008	TVB	Last replacement: 09-2025 Next replacement: 09-2026

HYTECH - POMMEC

Title: Cross list

No.: FRM12.2.55-10.0

Description	Work to be carried out	Sign	Remarks
Hytech AS4000 S/N: 1069 Pressure set at 15,6 bar	Visual check general condition Function test Leak test	TVB	Checked and tested: OK
Pressure reducer Reducer 2 EWO S/N: 1069A Pressure set at 20 bar	Visual check general condition Function test	TVB	Checked and tested: OK Safety open: 20,4 bar
Check valve 1 psi Swagelok	Replace valve 4 yearly Art. H.50.00187	--	Last replacement: 10-2023 Next replacement: 10-2027
	Visual check general condition Function test Clean	TVB	Checked, tested and cleaned: OK
HP isolation valve (5x) B-1KM4 AIR (4x) OXYGEN (1x)	Visual check general condition Function test Clean	TVB	Checked, tested and cleaned: OK
HP filling valve B-1KF4-A	Visual check general condition Function test Clean	TVB	Checked, tested and cleaned: OK
Connection Hose (LP / HP)	Pressure test 2 yearly In accordance with SWOD WOD- SOE	TVB	Last test 09-2025 Next test: 09-2027 See certificates
	Visual check general condition Leak test	TVB	Checked and tested: OK
Air Supply Distribution Panel			
Peli Case	Visual check general condition	TVB	Checked: OK
Bleed valve (2x) Swagelok B-ORM2	Visual check general condition Function test Clean	TVB	Checked, cleaned and tested: OK
Ball valve (7x)	Visual check general condition Function test	TVB	Checked and tested: OK
Quick connection couplings (6x) WP 012	Visual check general condition Function test	TVB	Checked and tested: OK
Non return valve (2x) Hytech ½"	Replace spare kit 4 yearly Art. H.80.00098	TVB	Last replacement: 09-2025 Next replacement: 09-2029
	Visual check general condition	TVB	Checked and tested: OK
Final inspection			

HYTECH - POMMEC

Title: Cross list

No.: FRM12.2.55-10.0

Description	Work to be carried out	Sign	Remarks
Survey by notified body	Review of documents Check on executed works Surveyor:	Lloyds	See statement
Digit locks	--	--	Digit code is 9090 for both locks.
Hereby Hytech declares that the test was performed according to the above-mentioned data			
Date: 18-09-2025	Inspector: T van Broekhoven	Signature: 	
Next annual maintenance: 18-09-2026			

HYTECH - POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Analyzer Calibration Certificate

Certificate identification									
Certificate number	135189				ISO number	12.2.199			
Product identification									
Name	Analyser O2/CO2								
Serial number	1045				Product category	Analysers			
Part of unit	Dart & Atel				Brand & Type	IHC Hytech 3.20.399			
Client	Douane Nederland								
Status	In use								
Sensors					Alarm			Alarm function	
Sensor type	Serial No	Brand	Exact no	Alarm value low	Alarm value high	Alarm type	Low OK	High OK	
Oxygen sensor	KM97999182	Maxtec	T.99.02532	19%	23%	Acoustic & Optical	False	False	
CO2 PCB	-	Asense	H.10.00645	2000 ppm	5000 ppm	Acoustic & Optical	True	True	
Oxygen sensor	KM97999182	Maxtec	T.99.02532	19%	23%	Acoustic & Optical	False	True	
Oxygen sensor	KM97999182	Maxtec	T.99.02532	19%	23%	Acoustic & Optical	True	False	
Test information									
Sensor type	Serial No	Repl. date	Test gas	Cert. no	Exp.date	Concentration [%]	Test Result [%]	Response Time	
Oxygen sensor	KM97999182	17-09-2025	Oxygen 20.9%	B200016	01-04-2028	20,900	20,900	10	
CO2 PCB	-	01-04-2028	CO2 5000ppm	B200016		0,500	0,500	10	
Oxygen sensor	KM97999182	17-09-2025	Oxygen 24%	B200017	01-04-2028	24,000	24,000	10	
Oxygen sensor	KM97999182	17-09-2025	Nitrogen 99.999%	WO494960-8	01-02-2030	99,900	99,800	10	
Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.									
Test date:	17-09-2025								
Expiry date:	17-03-2026								
Name and signature	Frans Jan Hommel								

HYTECH-POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Certificate: 135157

Function Test Certificate

Certificate number	135157	ISO number	12.2.197
Product identification			
Name	Communication Unit Dart		
Serial number	951586-1	Product category	Communication Units
Part of unit	Dart & Atel	Brand & Type	Subsea Services D8601P
Client	Douane Nederland		
Status	In use	Working pressure	0,00 []
Measuring equipment			
Tool		Calibration certificate	
Brand & Type		Expiry date	
Serial number			
Test information			
Guideline	SWOD-WODSOE - Sheet 4.4 - Comms (wireless)		
Description of test	Function test according to manufacturers specifications		
Remarks function test	Tested OK		
Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.			
Test date:	17-09-2025	Expiry date:	17-03-2026
Name and signature			
Tim van Broekhoven			

HYTECH - POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Certificate: 135158

Function Test Certificate			
Certificate number	135158	ISO number	12.2.197
Product identification			
Name	Communication Unit Atel		
Serial number	951586-9	Product category	Communication Units
Part of unit	Dart & Atel	Brand & Type	Subsea Services D8601P
Client	Douane Nederland		
Status	In use	Working pressure	0,00 []
Measuring equipment			
Tool		Calibration certificate	
Brand & Type		Expiry date	
Serial number			
Test information			
Guideline	SWOD-WODSOE - Sheet 4.4 - Comms (wireless)		
Description of test	Function test according to manufacturers specifications		
Remarks function test	Tested OK		
Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.			
Test date:	17-09-2025	Expiry date:	17-03-2026
Name and signature			
Tim van Broekhoven			

HYTECH - POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Certificate: 135058

Certificate of Maintenance

Certificate number	135058	ISO number	12.2.196
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Product identification			
Name	Extinguisher		
Serial number	M530370	Product category	Extinguishers
Part of unit	Dart & Atel	Brand & Type	Subtech Systems STS2000
Client	Douane Nederland		
Status	In use	Working pressure	100,00 [bar]

Measuring equipment			
Tool		Calibration certificate	
Brand & Type		Expiry date	
Serial number			

Test information	
Description of test	Maintenance according to manufacturers specifications and thorough internal and external visual examination and gas leak test to maximum working pressure.
Guideline	SWOD-WODSOE - Sheet 2.3 - Fire extinguisher (12mnt)
Supplier maintenance guideline	IHC Hytech 9.17
Running hours	0,0[hrs]
Parts used	Sparekit H.80.00105
Remarks maintenance test	Hydrostatic pressue test should be done in 12-2026.

Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.

Test date:	15-09-2025		Expiry date:	15-09-2026
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Name and signature		
Elvin Causevic		

HYTECH - POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Certificate: 135059

Certificate of Maintenance

Certificate number	135059	ISO number	12.2.196
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Product identification

Name	Extinguisher		
Serial number	00006658	Product category	Extinguishers
Part of unit	Dart & Atel	Brand & Type	Subtech Systems STS2000
Client	Douane Nederland		
Status	In use	Working pressure	100,00 [bar]

Measuring equipment

Tool		Calibration certificate	
Brand & Type		Expiry date	
Serial number			

Test information

Description of test	Maintenance according to manufacturers specifications and thorough internal and external visual examination and gas leak test to maximum working pressure.
Guideline	SWOD-WODSOE - Sheet 2.3 - Fire extinguisher (12mnt)
Supplier maintenance guideline	IHC Hytech 9.17
Running hours	0,0[hrs]
Parts used	Sparekit H.80.00105
Remarks maintenance test	Hydrostatic pressure test should be done in 07-2027.

Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.

Test date:	15-09-2025		Expiry date:	15-09-2026
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Name and signature

Elvin Causevic		
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HYTECH - POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Certificate: 135186

Certificate of Maintenance

Certificate number	135186	ISO number	12.2.196
Product identification			
Name	First Stage		
Serial number	P1500340	Product category	First Stages
Part of unit	Dart & Atel	Brand & Type	Poseidon Cyklon Oxygen
Client	Douane Nederland		
Status	In use	Working pressure	7,50 [bar]
Measuring equipment			
Tool	Digital Pressure gauge Frans-Jan (140056)	Calibration certificate	25-19052-0-1
Brand & Type	Keller Leo2	Expiry date	20-01-2026
Serial number	140056		
Test information			
Description of test	Maintenance and testing according to manufacturers specifications		
Guideline	SWOD-WODSOE - Sheet 3.2 - Pressure Reducer		
Supplier maintenance guideline			
Running hours	0,0[hrs]		
Parts used	H.80.00001		
Remarks maintenance test	checked and tested: OK working pressure 8 bar		
Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.			
Test date:	17-09-2025	Expiry date:	17-09-2026
Name and signature			
Frans Jan Hommel			

HYTECH - POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Certificate: 135389

Certificate of Maintenance

Certificate number	135389	ISO number	12.2.196
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Product identification

Name	First Stage		
Serial number	240601400	Product category	First Stages
Part of unit	Equipment (Douane NL)	Brand & Type	Apeks DS4
Client	Douane Nederland		
Status	In use	Working pressure	9,50 [bar]

Measuring equipment

Tool	Pressure Gauge Mask Workshop - (Mano-MWP)	Calibration certificate	HT24-22112024
Brand & Type	Scuba tools inc 0-20 bar	Expiry date	22-11-2025
Serial number	Mano-MWP		

Test information

Description of test	Maintenance and testing according to manufacturers specifications
Guideline	SWOD-WODSOE - Sheet 5.1 - 1st stage SCUBA
Supplier maintenance guideline	
Running hours	0,0[hrs]
Parts used	AP1409 O-ring
Remarks maintenance test	reparatie ivm lekage tpv DIN pilaar

Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.

Test date:	24-09-2025		Expiry date:	24-09-2026
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Name and signature

Peer Heijnen		
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HYTECH - POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Certificate: 135378

Electric Insulation Resistance Test Certificate

Certificate number	135378	ISO number	12.2.27
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Product identification

Name	Full Systems		
Serial number		Product category	Full Systems
Part of unit	Dart & Atel	Brand & Type	Hytech main electrical box
Client	Douane Nederland		
Status	In use	Working pressure	0,00 []

Measuring equipment

Tool	Insulation tester - Elvin (44580187WS)	Calibration certificate	24-19052-4-9
Brand & Type	Fluke 1503	Expiry date	31-10-2025
Serial number	44580187WS		

Test information

Guideline	SWOD-WODSOE - Sheet 3.8 - Electrical equipment and Cables		Test voltage	500	[V]
Description of test	Visual inspection, function test and Electric isolation test according manufacturers specifications				
Acceptable result	5.0 MΩ				
	APPROVED				
Remarks	220 V system tested with 500V 24 V system tested with 50 V				

Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.

Test date:	18-09-2025	Expiry date:	18-09-2026
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Name and signature

Frans Jan Hommel		
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HYTECH - POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Certificate: 135159

Certificate of Maintenance

Certificate number	135159	ISO number	12.2.196
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Product identification

Name	Pressure Reducer		
Serial number	1068	Product category	Pressure Reducers
Part of unit	Dart & Atel	Brand & Type	IHC Hytech AS4000
Client	Douane Nederland		
Status	In use	Working pressure	15,00 [bar]

Measuring equipment

Tool		Calibration certificate	
Brand & Type		Expiry date	
Serial number			

Test information

Description of test	Maintenance and testing according to manufacturers specifications
Guideline	SWOD-WODSOE - Sheet 3.2 - Pressure Reducer
Supplier maintenance guideline	
Running hours	0,0[hrs]
Parts used	H.80.00008
Remarks maintenance test	Tested OK

Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.

Test date:	17-09-2025		Expiry date:	17-09-2026
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Name and signature

Tim van Broekhoven		
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HYTECH - POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Certificate: 135160

Certificate of Maintenance

Certificate number	135160	ISO number	12.2.196
Product identification			
Name	Pressure Reducer		
Serial number	1069	Product category	Pressure Reducers
Part of unit	Dart & Atel	Brand & Type	IHC Hytech AS4000
Client	Douane Nederland		
Status	In use	Working pressure	15,00 [bar]
Measuring equipment			
Tool		Calibration certificate	
Brand & Type		Expiry date	
Serial number			
Test information			
Description of test	Maintenance and testing according to manufacturers specifications		
Guideline	SWOD-WODSOE - Sheet 3.2 - Pressure Reducer		
Supplier maintenance guideline			
Running hours	0,0[hrs]		
Parts used	H.80.00008		
Remarks maintenance test	Tested OK		
Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.			
Test date:	17-09-2025	Expiry date:	17-09-2026
Name and signature			
Tim van Broekhoven			

HYTECH - POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Certificate: 135161

Function Test Certificate			
Certificate number	135161	ISO number	12.2.197
Product identification			
Name	Pressure Relief Valve		
Serial number	021483760	Product category	Pressure Relief Valves
Part of unit	Dart & Atel	Brand & Type	Nuova 1/4" MBSP 20Bar
Client	Douane Nederland		
Status	In use	Working pressure	20,00 [bar]
Measuring equipment			
Tool	Test Cabinet Safety Valves - R&D Room	Calibration certificate	see attachments
Brand & Type	IHC Hytech 3.80.5002	Expiry date	06-01-2026
Serial number	IHCH 003373		
Test information			
Guideline	SWOD-WODSOE - Pressure Relief Valve		
Description of test	Visual inspection and function test according to manufacturers specifications		
Remarks function test	Tested OK		
Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.			
Test date:	17-09-2025	Expiry date:	17-09-2026
Name and signature			
Tim van Broekhoven			

HYTECH - POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Certificate: 135162

Function Test Certificate			
Certificate number	135162	ISO number	12.2.197
Product identification			
Name	Pressure Relief Valve		
Serial number	1069A	Product category	Pressure Relief Valves
Part of unit	Dart & Atel	Brand & Type	EWO 1/4" MBSP 20Bar
Client	Douane Nederland		
Status	In use	Working pressure	20,00 [bar]
Measuring equipment			
Tool	Test Cabinet Safety Valves - R&D Room	Calibration certificate	see attachments
Brand & Type	IHC Hytech 3.80.5002	Expiry date	06-01-2026
Serial number	IHCH 003373		
Test information			
Guideline	SWOD-WODSOE - Pressure Relief Valve		
Description of test	Visual inspection and function test according to manufacturers specifications		
Remarks function test	Tested OK		
Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.			
Test date:	17-09-2025	Expiry date:	17-09-2026
Name and signature			
Tim van Broekhoven			

HYTECH - POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Certificate: 135272

Function Test Certificate

Certificate number	135272	ISO number	12.2.197
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Product identification

Name	Pressure Relief Valve Atel		
Serial number	HTSV 3698	Product category	Pressure Relief Valves
Part of unit	Dart & Atel	Brand & Type	IHC Hytech 3.80.1313
Client	Douane Nederland		
Status	In use	Working pressure	52,00 [MSW]

Measuring equipment

Tool	Pressure Calibrator Small - General Use Service Dept. (8000016160)	Calibration certificate	25-19052-0-9
Brand & Type	Druck DPI 800	Expiry date	20-01-2026
Serial number	8000016160		

Test information

Guideline	SWOD-WODSOE - Pressure Relief Valve
Description of test	Visual inspection and function test according to manufacturers specifications
Remarks function test	opens at 52 Msw closed at 47 Msw

Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.

Test date:	18-09-2025	Expiry date:	18-09-2026
------------	------------	--------------	------------

Name and signature

Frans Jan Hommel		
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HYTECH - POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Certificate: 135279

Function Test Certificate

Certificate number	135279	ISO number	12.2.197
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Product identification			
Name	Pressure Relief Valve Dart		
Serial number	025571771	Product category	Pressure Relief Valves
Part of unit	Dart & Atel	Brand & Type	Nuova General D14
Client	Douane Nederland		
Status	In use	Working pressure	5,10 [bar]

Measuring equipment			
Tool	Pressure Calibrator Small - General Use Service Dept. (8000016160)	Calibration certificate	25-19052-0-9
Brand & Type	Druck DPI 800	Expiry date	20-01-2026
Serial number	8000016160		

Test information	
Guideline	SWOD-WODSOE - Pressure Relief Valve
Description of test	Visual inspection and function test according to manufacturers specifications
Remarks function test	opens at: 52 MSW closed at: 50,5 MSW

Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.

Test date:	17-09-2025	Expiry date:	17-09-2026
------------	------------	--------------	------------

Name and signature	
Frans Jan Hommel	



ASME PVHO-1- 2023

PVHO-1 Form VP-1 Fabrication Certification for Acrylic Windows Page 1 of 2

Window Drawing No: 3.50.435 Rev A

Window Identification: 1.6 Mpa / -10 °C + 50°C / PVHO / SP / 44439 / 25

Material Stock Description

Manufacturer of Acrylic

Trade Name

Casting Shape

Nominal Thickness

Lot Number

Casting Number

Certified for Conformance to Table 2-3.4-1 by

Date:

Certified for Conformance to Table 2-3.4-2 by

Date:

Window Description

Maximum Allowable Working Pressure Rating

Maximum temperature Rating

Window Designed By

Joint Bonding (if applicable)

Manufacturer of acrylic Cement

Trade Name of Cement

Curing Means and Duration

Average Tensile Strength (per ASTM D 638)

Joint Quality Conforms to Para. 2-3.10 (yes/no)

Polishing Agents

Cleaning Agent

Stanley Plastics Ltd

Transpalite SS

Flat Disc

58 mm

26729

37538

Material Technology Hampshire UK
& Smithers Shawbury UK

January 2025

Material Technology Hampshire UK
& Smithers Shawbury UK

January 2025

1.6 Mpa

50 °C

(Name of Company and Designer)

Stanley Plastics Limited

N/A

N/A

N/A

N/A

Cannings Lusture

ICI Polish No 2

ASME PVHO-1- 2023



PVHO-1 Form VP-1 Fabrication Certification for Acrylic Windows Page 2 of 2

Fabrication Process Data

First Annealing Temperature

110 ° C

Duration

24 Hours

Cooling Rate

1.5 ° C/Hr

Intermediate Annealing Temperature (if any)

N/A

Duration

N/A

Cooling Rate

N/A

Final Annealing Temperature

85 ° C

Duration

20 Hours

Cooling Rate (chart required)

3.5 ° C/Hr

Dimensional checks.

Actual Outside Diameter D_o

149.80 mm

Actual Inside Diameter D_i

-

Actual Thickness t_{max} and t_{min}

28.07 mm

Actual included angle α Actual sphericity (maximum deviation specified
sphericity measured by a template on the
concave or convex surface)

N/A

Conforms/deviates from specification for spot cast repairs

N/A

Window Fabricator/Subcontractor has pressure tested window

No

Window Fabricator has completed PVHO-1 Form VP-5

No

The Window identified above has been fabricated in accordance with the material and fabrication requirements of the Safety Standard for Pressure Vessels for Human Occupancy, ASME PVHO-1-2023 edition,

Company Hytech-Pommec . Ramgatseweg 27. Raamsdonkerveer. The Netherlands 4941 VN

Drawing Number 3.50.435 Rev A

Date 01 August 2025

 Maica Simpson

Authorised Representative of Window Fabricator

Stanley Plastics Ltd, Units 4-7 Holmbush Ind Est, Midhurst, West Sussex, GU29 9HX, ENGLAND.

Name and Address of Window Fabricator



ASME PVHO-1-2023

PVHO-1 Form VP-2 Acrylic Window Design Certificate Page 1 of 2

Window Description	Window Drawing No	3.50.435 Rev A
Maximum allowable working pressure	1.6 Mpa	
Maximum design temperature	50° C	
Minimum design temperature	-10° C	
Window shape	Flat Disc	
Conversion factor table number	2-2.3.1-1	
Pressure range, N	1	
Conversion factor, CF	10	
Conversion Factor at Temp:		
Maximum Internal Ambient Temp:	52° C	
Minimum External Ambient Temp:	-10° C	
Short-term critical pressure and fig. no.	16 Mpa Fig 2-2.5.1-3	

Experimental verification[Note (1)]

Thickness t (actual) _____
 D_i (actual) _____
 D_o (actual) _____
 Water Temp _____ ° F _____ ° C

No.1: _____ No.2: _____
 No.3: _____ No.4: _____
 No.5: _____ STCP: _____

(Note each test specimen FS for full scale and MS for model scale)

Type of Failure _____

Test Conducted at _____

Test supervised by _____

Window Design

Inner Diameter, D (Nominal)	120 mm
Outer Diameter (Nominal):	150 mm
Included Angle (Nominal)	
External Radius of Curvature (Nominal)	N/A
Minimum t/D_i (Calculated)	0.230 mm
Minimum t (Calculated)	27.6 mm
D_o / D_f Nominal:	1.250
D_i/D_f (Nominal)	1.000 mm
Maximum D_f Calculated:	120

ASME PVHO-1-2023



PVHO-1 Form VP-2 Acrylic Window Design Certificate Page 2 of 2

Minimum D_i (calculated)	120
Diametral interference/clearance between D_o of window and window seat at maximum design temperature (calculated)	
Diametral interference/clearance between D_o of window and window seat at minimum design temperature (calculated)	
Actual t (specified on drawing)	28 + 0.5 - 0 mm
Actual D_i (specified on drawings)	120 mm
Actual D_o (specified on drawings)	150 + 0 - 0.2 mm
Actual D_t (Specified on Drawing):	120 mm
Actual external radius of curvature (specified on drawings) (spherical or cylindrical)	N/A
Drawing No. of window	3.50.435 Rev A
Drawing No. of flange	3.50.7766 Rev
Drawing No. of assembly	1.80.915 and 1.80.914
Description of pressure vessel (for which the window has been designed)	
10 bar Decompression Chamber DART and ATEL 1.80.915 and 1.80.914	

The viewport design complies with all of the requirements of the Safety Standard for Pressure Vessels for Human Occupancy Section 2-2

J. Touw	17.10.2024
Viewport Designer	
Hytech-Pommec The Netherlands	17.10.2024
Authorised representative of chamber manufacturer or owner	Date
	17.10.2024
Name and address of chamber manufacturer or owner	Date

NOTE:

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(1) If STCP is determined experimentally according to para. 2-2.5.2, then the critical pressures of all five windows tested, the testing laboratory, and the test supervisor should be noted here.

**ASME PVHO-1- 2023****PVHO-1 Form VP-3 Material Manufacturer's Certification of Acrylic**

The acrylic sheet/custom castings 58 mm thickness of Lot Control No. 26729 have been produced by Stanley Plastics Limited under the trademark of Transpalite SS.

These castings possess typical physical properties satisfying the minimum values specified in Safety Standard for Pressure Vessels for Human Occupancy, Section 2, Table 2-3.4-1in

accordance with the material manufacturer's Quality Assurance Manual.

Stanley Plastics has ISO 9001:2008 Certification With

URS Certificate 67065/A/0001/UK/EN

May 2015

Date

QA Program Audited and Accepted as in Compliance by Purchaser (Vessel Manufacturer, Owner/User, or their designated agent)

A handwritten signature in blue ink, appearing to read 'Maica Simpson', is located above the printed name.

Maica Simpson

01 August 2025

Authorised representative of manufacturer of plastic

Date

Stanley Plastics Limited, Units 4-7 Holmbush Industrial Estate, Midhurst, West Sussex, GU29 9HX, England

Name and address of manufacturer of plastic

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ASME PVHO-1- 2023



PVHO-1 Form VP-4 Material Testing Certification for Acrylic

1. Test specimens have been supplied already cut by Stanley Plastics Limited.
2. Test specimen taken from acrylic casting No 27538 in Lot 26729 have been produced by Stanley Plastics Limited, under the trademark of 'Transpalite SS' possess the following physical and chemical properties

TEST METHOD	PROPERTY	AVERAGE VALUES
ASTM D 638	Tensile: (a) Ultimate strength (b) Elongation at break (c) Modulus of elasticity	76.4 Mpa 4.3% 3284.3 Mpa
ASTM D 695	Compressive: (a) Yield strength (b) Modulus of elasticity	112.6 Mpa 5775.4 Mpa
ASTM D790	Flexural Ultimate Strength	113.4 Mpa
PVHO-1 method para. 2-3.7 (c)	Compressive deformation at 4,000 psi (27.6 MPa) and 122°F (50° C)	0.08%
* PVHO-1 method para 2-3.7(d)	Ultraviolet transmittance (for 1/2 in. (12.5mm) thickness)	<0.18%
PVHO-1, para. 2-3.7(e)	Visual clarity	Clear and Readable
PVHO-1, para. 2-3.8	Total residual methyl methacrylate and ethyl acrylate monomers	0.47%

The experimentally proven properties satisfy the minimum values specified in Table 2-3.4-2 of the Safety Standard for Pressure Vessels for Human Occupancy.

Mr N Kenworthy & Yvonne Davies

January 2025

Authorized representative of material testing laboratory

Date

Material Technology Hampshire UK & Smithers Shawbury UK *

Name and address of material testing laboratory

Test Data has been mailed to Stanley Plastics Limited, Holmbush Industrial Estate, Midhurst, West Sussex.

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ASME PVHO-1- 2023



PVHO-1 Form VP-1 Fabrication Certification for Acrylic Windows Page 1 of 2

Window Drawing No: 3.50.435 Rev A

Window Identification: 1.6 Mpa / -10 °C + 50°C / PVHO / SP / 44440 / 25

Material Stock Description

Manufacturer of Acrylic

Stanley Plastics Ltd

Trade Name

Transpalite SS

Casting Shape

Flat Disc

Nominal Thickness

58 mm

Lot Number

26729

Casting Number

37538

Certified for Conformance to Table 2-3.4-1 by

Material Technology Hampshire UK
& Smithers Shawbury UK

Date:

January 2025

Certified for Conformance to Table 2-3.4-2 by

Material Technology Hampshire UK
& Smithers Shawbury UK

Date:

January 2025

Window Description

Maximum Allowable Working Pressure Rating

1.6 Mpa

Maximum temperature Rating

50 °C

Window Designed By

(Name of Company and Designer)

Joint Bonding (if applicable)

Manufacturer of acrylic Cement

Stanley Plastics Limited

Trade Name of Cement

N/A

Curing Means and Duration

N/A

Average Tensile Strength (per ASTM D 638)

N/A

Joint Quality Conforms to Para. 2-3.10 (yes/no)

N/A

Polishing Agents

Cannings Lusture

Cleaning Agent

ICI Polish No 2

ASME PVHO-1- 2023



PVHO-1 Form VP-1 Fabrication Certification for Acrylic Windows Page 2 of 2

Fabrication Process Data

First Annealing Temperature	110 ° C
Duration	24 Hours
Cooling Rate	1.5 ° C/Hr
Intermediate Annealing Temperature (if any)	N/A
Duration	N/A
Cooling Rate	N/A
Final Annealing Temperature	85 ° C
Duration	20 Hours
Cooling Rate (chart required)	3.5 ° C/Hr
Dimensional checks.	
Actual Outside Diameter D_o	149.80 mm
Actual Inside Diameter D_i	
Actual Thickness t_{max} and t_{min}	28.07 mm
Actual included angle α	
Actual sphericity (maximum deviation specified sphericity measured by a template on the concave or convex surface)	N/A
Conforms/deviates from specification for spot cast repairs	N/A
Window Fabricator/Subcontractor has pressure tested window	No
Window Fabricator has completed PVHO-1 Form VP-5	No

The Window identified above has been fabricated in accordance with the material and fabrication requirements of the Safety Standard for Pressure Vessels for Human Occupancy, ASME PVHO-1-2023 edition,

Company Hytech-Pommec . Ramgatseweg 27. Raamsdonkerveer. The Netherlands 4941 VN

Drawing Number 3.50.435 Rev A

Date 01 August 2025

 Maica Simpson

Authorised Representative of Window Fabricator

Stanley Plastics Ltd, Units 4-7 Holmbush Ind Est, Midhurst, West Sussex, GU29 9HX, ENGLAND.

Name and Address of Window Fabricator



ASME PVHO-1-2023

PVHO-1 Form VP-2 Acrylic Window Design Certificate Page 1 of 2

Window Description	Window Drawing No	3.50.435 Rev A
Maximum allowable working pressure	1.6 Mpa	
Maximum design temperature	50° C	
Minimum design temperature	-10° C	
Window shape	Flat Disc	
Conversion factor table number	2-2.3.1-1	
Pressure range, N	1	
Conversion factor, CF	10	
Conversion Factor at Temp:		
Maximum Internal Ambient Temp:	52° C	
Minimum External Ambient Temp:	-10° C	
Short-term critical pressure and fig. no.	16 Mpa Fig 2-2.5.1-3	

Experimental verification[Note (1)]

Thickness t (actual) _____
 D_i (actual) _____
 D_o (actual) _____
 Water Temp _____ ° F _____ ° C

No.1: _____ No.2: _____
 No.3: _____ No.4: _____
 No.5: _____ STCP: _____

(Note each test specimen FS for full scale and MS for model scale)

Type of Failure _____

Test Conducted at _____

Test supervised by _____

Window Design

Inner Diameter, D (Nominal)	120 mm
Outer Diameter (Nominal):	150 mm
Included Angle (Nominal)	
External Radius of Curvature (Nominal)	N/A
Minimum t/D_i (Calculated)	0.230 mm
Minimum t (Calculated)	27.6 mm
D_o / D_f Nominal:	1.250
D_i/D_f (Nominal)	1.000 mm
Maximum D_f Calculated:	120

ASME PVHO-1-2023



PVHO-1 Form VP-2 Acrylic Window Design Certificate Page 2 of 2

Minimum D_i (calculated)	120	
Diametral interference/clearance between D_o of window and window seat at maximum design temperature (calculated)		
Diametral interference/clearance between D_o of window and window seat at minimum design temperature (calculated)		
Actual t (specified on drawing)	28 + 0.5 - 0	mm
Actual D_r (specified on drawings)	120	mm
Actual D_o (specified on drawings)	150 + 0 - 0.2	mm
Actual D_t (Specified on Drawing):	120	mm
Actual external radius of curvature (specified on drawings) (spherical or cylindrical)	N/A	°
Drawing No. of window	3.50.435 Rev A	
Drawing No. of flange	3.50.7766 Rev	
Drawing No. of assembly	1.80.915 and 1.80.914	
Description of pressure vessel (for which the window has been designed)	10 bar Decompression Chamber DART and ATEL 1.80.915 and 1.80.914	

The viewport design complies with all of the requirements of the Safety Standard for Pressure Vessels for Human Occupancy Section 2-2

J.Touw	17.10.2024
Viewport Designer	
Hytech-Pommec The Netherlands	17.10.2024
Authorised representative of chamber manufacturer or owner	Date
	17.10.2024
Name and address of chamber manufacturer or owner	Date

NOTE:

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(1) If STCP is determined experimentally according to para. 2-2.5.2, then the critical pressures of all five windows tested, the testing laboratory, and the test supervisor should be noted here.

**ASME PVHO-1-2023****PVHO-1 Form VP-3 Material Manufacturer's Certification of Acrylic**

The acrylic sheet/custom castings 58 mm thickness of Lot Control No. 26729 have been produced by Stanley Plastics Limited under the trademark of Transpalite SS.

These castings possess typical physical properties satisfying the minimum values specified in Safety Standard for Pressure Vessels for Human Occupancy, Section 2, Table 2-3.4-1 in

accordance with the material manufacturer's Quality Assurance Manual.

Stanley Plastics has ISO 9001:2008 Certification With

URS Certificate 67065/A/0001/UK/EN

May 2015

Date

QA Program Audited and Accepted as in Compliance by Purchaser (Vessel Manufacturer, Owner/User, or their designated agent)

Maica Simpson

01 August 2025

Authorised representative of manufacturer of plastic

Date

Stanley Plastics Limited, Units 4-7 Holmbush Industrial Estate, Midhurst, West Sussex, GU29 9HX, England

Name and address of manufacturer of plastic

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ASME PVHO-1- 2023



PVHO-1 Form VP-4 Material Testing Certification for Acrylic

1. Test specimens have been supplied already cut by Stanley Plastics Limited.
2. Test specimen taken from acrylic casting No 27538 in Lot 26729 have been produced by Stanley Plastics Limited. under the trademark of 'Transpalite SS' possess the following physical and chemical properties

TEST METHOD	PROPERTY	AVERAGE VALUES
ASTM D 638	Tensile: (a) Ultimate strength (b) Elongation at break (c) Modulus of elasticity	76.4 Mpa 4.3% 3284.3 Mpa
ASTM D 695	Compressive: (a) Yield strength (b) Modulus of elasticity	112.6 Mpa 5775.4 Mpa
ASTM D790	Flexural Ultimate Strength	113.4 Mpa
PVHO-1 method para. 2-3.7 (c)	Compressive deformation at 4,000 psi (27.6 MPa) and 122°F (50° C)	0.08%
* PVHO-1 method para 2-3.7(d)	Ultraviolet transmittance (for 1/2 in. (12.5mm) thickness)	<0.18%
PVHO-1, para. 2-3.7(e)	Visual clarity	Clear and Readable
PVHO-1, para. 2-3.8	Total residual methyl methacrylate and ethyl acrylate monomers	0.47%

The experimentally proven properties satisfy the minimum values specified in Table 2-3.4-2 of the Safety Standard for Pressure Vessels for Human Occupancy.

Mr N Kenworthy & Yvonne Davies

January 2025

Authorized representative of material testing laboratory

Date

Material Technology Hampshire UK & Smithers Shawbury UK *

Name and address of material testing laboratory

Test Data has been mailed to Stanley Plastics Limited, Holmbush Industrial Estate, Midhurst, West Sussex.

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HYTECH ^{INC.} POMMEC

Doc ID.: FRM750-01-060 Rev.A Test certificate PVHO-1 VP5

ASME PVHO-1-2023
PVHO-1 Form VP-5 Pressure Testing certification

Window identification: 232,06 psi / -10 °C / +50 °C / PVHO / SP / 44440/25

Window description

Maximum allowable working pressure 16 bar (1,6 MPa)

Maximum design temperature 50 °C

Test Arrangement

Window tested in operational viewport/simulated viewport Operational

Operational viewport/simulated viewport drawing no. 3.50.435 Rev A

Window tested according to par.2-7 yes

Test pressure 5,5 bar (0,55 MPa)

Overpressure ratio (tested pressure/maximum allowable working pressure) 1,1

Pressurizing medium temperature 66,2 °F 19 °C

Rate of pressurization 0,55 MPa/min

Duration of sustained pressurization 60 min.

Test observation (yes/no)

Leakage No

Permanent deformation No

Crazing No

Cracking No

The acrylic window was pressure tested according to the procedure of section 2-7 of the Safety Standard for Pressure Vessels for Human occupancy and was found to perform satisfactorily without any visible permanent deformation, crazing or cracking.

FJ Hommel

Pressure test supervisor

Test on site of Hytech-Pommec workshop

Name and address of pressure testing laboratory

Ron Lambregts

Authorized representative of chamber manufacturer (windows for new chamber),
or user (windows for replacement in existing chambers)

23-09-2025

23-09-2025

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HYTECH - POMMEC

Doc ID.: FRM750-01-060 Rev.A Test certificate PVHO-1 VP5

ASME PVHO-1-2023 PVHO-1 Form VP-5 Pressure Testing certification

Window identification: 232,06 psi / -10 °C / +50 °C / PVHO / SP / 44439/25

Window description

Maximum allowable working pressure 16 bar (1,6 MPa)

Maximum design temperature 50 °C

Test Arrangement

Window tested in operational viewport/simulated viewport Operational

Operational viewport/simulated viewport drawing no. 3.50.435 Rev A

Window tested according to par.2-7 yes

Test pressure 5,5 bar (0,55 MPa)

Overpressure ratio (tested pressure/maximum
Allowable working pressure) 1,1

Pressurizing medium temperature 66,2 °F 19 °C

Rate of pressurization 0,55 MPa/min

Duration of sustained pressurization 60 min.

Test observation (yes/no)

Leakage No

Permanent deformation No

Crazing No

Cracking No

The acrylic window was pressure tested according to the procedure of section 2-7 of the Safety Standard for Pressure Vessels for Human occupancy and was found to perform satisfactorily without any visible permanent deformation, crazing or cracking.

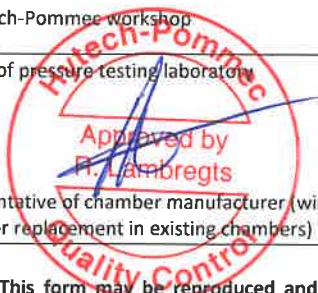
FJ Hommel
Pressure test supervisor
Test on site of Hytech-Pommec workshop



23-09-2025

Name and address of pressure testing laboratory

Ron Lambregts
Authorized representative of chamber manufacturer (windows for new chamber),
or user (windows for replacement in existing chambers)



23-09-2025

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ASME PVHO-1- 2023

PVHO-1 Form VP-1 Fabrication Certification for Acrylic Windows Page 1 of 2

Window Drawing No: 3.50.435 Rev A
Window Identification: 1.6 Mpa / -10 °C + 50°C / PVHO / SP / 44441 / 25

Material Stock Description

Manufacturer of Acrylic	Stanley Plastics Ltd
Trade Name	Transpalite SS
Casting Shape	Flat Disc
Nominal Thickness	58 mm
Lot Number	26729
Casting Number	37538
Certified for Conformance to Table 2-3.4-1 by	Material Technology Hampshire UK & Smithers Shawbury UK
Date:	January 2025
Certified for Conformance to Table 2-3.4-2 by	Material Technology Hampshire UK & Smithers Shawbury UK
Date:	January 2025

Window Description

Maximum Allowable Working Pressure Rating	1.6 Mpa
Maximum temperature Rating	50 °C
Window Designed By	(Name of Company and Designer)
Joint Bonding (if applicable)	Stanley Plastics Limited
Manufacturer of acrylic Cement	N/A
Trade Name of Cement	N/A
Curing Means and Duration	N/A
Average Tensile Strength (per ASTM D 638	N/A
Joint Quality Conforms to Para. 2-3.10 (yes/no)	N/A
Polishing Agents	Cannings Lusture
Cleaning Agent	ICI Polish No 2

ASME PVHO-1- 2023



PVHO-1 Form VP-1 Fabrication Certification for Acrylic Windows Page 2 of 2

Fabrication Process Data

First Annealing Temperature	110 ° C
Duration	24 Hours
Cooling Rate	1.5 ° C/Hr
Intermediate Annealing Temperature (if any)	N/A
Duration	N/A
Cooling Rate	N/A
Final Annealing Temperature	85 ° C
Duration	20 Hours
Cooling Rate (chart required)	3.5 ° C/Hr
Dimensional checks.	
Actual Outside Diameter D _o	149.81 mm
Actual Inside Diameter D _i	-
Actual Thickness t _{max} and t _{min}	28.05 mm
Actual included angle α	
Actual sphericity (maximum deviation specified sphericity measured by a template on the concave or convex surface)	N/A
Conforms/deviates from specification for spot cast repairs	N/A
Window Fabricator/Subcontractor has pressure tested window	No
Window Fabricator has completed PVHO-1 Form VP-5	No

The Window identified above has been fabricated in accordance with the material and fabrication requirements of the Safety Standard for Pressure Vessels for Human Occupancy, ASME PVHO-1-2023 edition,

Company Hytech-Pommec . Ramgatseweg 27. Raamsdonkerveer. The Netherlands 4941 VN

Drawing Number 3.50.435 Rev A

Date 01 August 2025

 Maica Simpson

Authorised Representative of Window Fabricator
Stanley Plastics Ltd, Units 4-7 Holmbush Ind Est, Midhurst, West Sussex, GU29 9HX, ENGLAND.
Name and Address of Window Fabricator



ASME PVHO-1-2023

PVHO-1 Form VP-2 Acrylic Window Design Certificate Page 1 of 2

Window Description	Window Drawing No	3.50.435 Rev A
Maximum allowable working pressure		1.6 Mpa
Maximum design temperature		50° C
Minimum design temperature		-10° C
Window shape		Flat Disc
Conversion factor table number		2-2.3.1-1
Pressure range, N		1
Conversion factor, CF		10
Conversion Factor at Temp:		
Maximum Internal Ambient Temp:		52 ° C
Minimum External Ambient Temp:		-10 ° C
Short-term critical pressure and fig. no.		16 Mpa Fig 2-2.5.1-3

Experimental verification[Note (1)]

Thickness t (actual) _____
 D_i (actual) _____
 D_o (actual) _____
 Water Temp _____ ° F _____ ° C

No.1: _____ - No.2: _____ -
 No.3: _____ - No.4: _____ -
 No.5: _____ - STCP: _____ -

(Note each test specimen FS for full scale and MS for model scale)

Type of Failure

Test Conducted at

Test supervised by

Window Design

Inner Diameter, D (Nominal)	120	mm
Outer Diameter (Nominal):	150	mm
Included Angle (Nominal)		
External Radius of Curvature (Nominal)	N/A	
Minimum t/D_i (Calculated)	0.230	mm
Minimum t (Calculated)	27.6	mm
Do / Df Nominal:	1.250	
D_i/D_f (Nominal)	1.000	mm
Maximum Df Calculated:	120	



ASME PVHO-1-2023

PVHO-1 Form VP-2 Acrylic Window Design Certificate Page 2 of 2

Minimum D_i (calculated)	120
Diametral interference/clearance between D_o of window and window seat at maximum design temperature (calculated)	
Diametral interference/clearance between D_o of window and window seat at minimum design temperature (calculated)	
Actual t (specified on drawing)	28 + 0.5 - 0 mm
Actual D_i (specified on drawings)	120 mm
Actual D_o (specified on drawings)	150 + 0 - 0.2 mm
Actual D_t (Specified on Drawing):	120 mm
Actual external radius of curvature (specified on drawings) (spherical or cylindrical)	N/A
Drawing No. of window	3.50.435 Rev A
Drawing No. of flange	3.50.7766 Rev
Drawing No. of assembly	1.80.915 and 1.80.914
Description of pressure vessel (for which the window has been designed)	
10 bar Decompression Chamber DART and ATEL 1.80.915 and 1.80.914	

The viewport design complies with all of the requirements of the Safety Standard for Pressure Vessels for Human Occupancy Section 2-2

J. Touw	17.10.2024
Viewport Designer	
Hytech-Pommec The Netherlands	17.10.2024
Authorised representative of chamber manufacturer or owner	Date
	17.10.2024
Name and address of chamber manufacturer or owner	Date

NOTE:

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(1) If STCP is determined experimentally according to para. 2-2.5.2, then the critical pressures of all five windows tested, the testing laboratory, and the test supervisor should be noted here.

**ASME PVHO-1-2023****PVHO-1 Form VP-3 Material Manufacturer's Certification of Acrylic**

The acrylic sheet/custom castings 58 mm thickness of Lot Control No. 26729 have been produced by Stanley Plastics Limited under the trademark of Transpalite SS.

These castings possess typical physical properties satisfying the minimum values specified in
Safety Standard for Pressure Vessels for Human Occupancy, Section 2, Table 2-3.4-1in

accordance with the material manufacturer's Quality Assurance Manual.

Stanley Plastics has ISO 9001:2008 Certification With

URS Certificate 67065/A/0001/UK/EN

May 2015

Date

QA Program Audited and Accepted as in Compliance by Purchaser (Vessel Manufacturer, Owner/User, or their designated agent)

Maica Simpson

01 August 2025

Authorised representative of manufacturer of plastic

Date

Stanley Plastics Limited, Units 4-7 Holmbush Industrial Estate, Midhurst, West Sussex, GU29 9HX, England

Name and address of manufacturer of plastic

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ASME PVHO-1- 2023



PVHO-1 Form VP-4 Material Testing Certification for Acrylic

1. Test specimens have been supplied already cut by Stanley Plastics Limited.
2. Test specimen taken from acrylic casting No 27538 in Lot 26729 have been produced by Stanley Plastics Limited. under the trademark of 'Transpalite SS' possess the following physical and chemical properties

TEST METHOD	PROPERTY	AVERAGE VALUES
ASTM D 638	Tensile: (a) Ultimate strength (b) Elongation at break (c) Modulus of elasticity	76.4 Mpa 4.3% 3284.3 Mpa
ASTM D 695	Compressive: (a) Yield strength (b) Modulus of elasticity	112.6 Mpa 5775.4 Mpa
ASTM D790	Flexural Ultimate Strength	113.4 Mpa
PVHO-1 method para. 2-3.7 (c)	Compressive deformation at 4,000 psi (27.6 MPa) and 122°F (50° C)	0.08%
* PVHO-1 method para 2-3.7(d)	Ultraviolet transmittance (for 1/2 in. (12.5mm) thickness)	<0.18%
PVHO-1, para. 2-3.7(e)	Visual clarity	Clear and Readable
PVHO-1, para. 2-3.8	Total residual methyl methacrylate and ethyl acrylate monomers	0.47%

The experimentally proven properties satisfy the minimum values specified in Table 2-3.4-2 of the Safety Standard for Pressure Vessels for Human Occupancy.

Mr N Kenworthy & Yvonne Davies

January 2025

Authorized representative of material testing laboratory

Date

Material Technology Hampshire UK & Smithers Shawbury UK *

Name and address of material testing laboratory

Test Data has been mailed to Stanley Plastics Limited, Holmbush Industrial Estate, Midhurst, West Sussex.

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HYTECH - POMMEC

Doc ID.: FRM750-01-060 Rev.A Test certificate PVHO-1 VP5

ASME PVHO-1-2023
PVHO-1 Form VP-5 Pressure Testing certification

Window identification: 232,06 psi / -10 °C / +50 °C / PVHO / SP / 44441/25

Window description

Maximum allowable working pressure 16 bar (1,6 MPa)

Maximum design temperature 50 °C

Test Arrangement

Window tested in operational viewport/simulated viewport Operational

Operational viewport/simulated viewport drawing no. 3.50.435 Rev A

Window tested according to par.2-7 yes

Test pressure 5,5 bar (0,55 MPa)

Overpressure ratio (tested pressure/maximum
Allowable working pressure) 1,1

Pressurizing medium temperature 66,2 °F 19 °C

Rate of pressurization 0,55 MPa/min

Duration of sustained pressurization 60 min.

Test observation (yes/no)

Leakage No

Permanent deformation No

Crazing No

Cracking No

The acrylic window was pressure tested according to the procedure of section 2-7 of the Safety Standard for Pressure Vessels for Human occupancy and was found to perform satisfactorily without any visible permanent deformation, crazing or cracking.

FJ Hommel

Pressure test supervisor

Test on site of Hytech-Pommec workshop

23-09-2025

Name and address of pressure testing laboratory

Ron Lambregts

Authorized representative of chamber manufacturer (windows for new chamber),
or user (windows for replacement in existing chambers)

23-09-2025

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ASME PVHO-1- 2023

PVHO-1 Form VP-1 Fabrication Certification for Acrylic Windows Page 1 of 2

Window Drawing No: 3.50.435 Rev A

Window Identification: 1.6 Mpa / -10 °C + 50°C / PVHO / SP / 44442 / 25

Material Stock Description

Manufacturer of Acrylic

Trade Name

Casting Shape

Nominal Thickness

Lot Number

Casting Number

Certified for Conformance to Table 2-3.4-1 by

Date:

Certified for Conformance to Table 2-3.4-2 by

Date:

Stanley Plastics Ltd

Transpalite SS

Flat Disc

58 mm

26729

37538

Material Technology Hampshire UK
& Smithers Shawbury UK

January 2025

Material Technology Hampshire UK
& Smithers Shawbury UK

January 2025

Window Description

Maximum Allowable Working Pressure Rating

Maximum temperature Rating

Window Designed By

1.6 Mpa

50 °C

(Name of Company and Designer)

Joint Bonding (if applicable)

Manufacturer of acrylic Cement

Trade Name of Cement

Curing Means and Duration

Average Tensile Strength (per ASTM D 638)

Joint Quality Conforms to Para. 2-3.10 (yes/no)

Polishing Agents

Cleaning Agent

Stanley Plastics Limited

N/A

N/A

N/A

N/A

Cannings Lusture

ICI Polish No 2

ASME PVHO-1- 2023



PVHO-1 Form VP-1 Fabrication Certification for Acrylic Windows Page 2 of 2

Fabrication Process Data

First Annealing Temperature	110 ° C
Duration	24 Hours
Cooling Rate	1.5 ° C/Hr
Intermediate Annealing Temperature (if any)	N/A
Duration	N/A
Cooling Rate	N/A
Final Annealing Temperature	85 ° C
Duration	20 Hours
Cooling Rate (chart required)	3.5 ° C/Hr
Dimensional checks.	
Actual Outside Diameter D _o	149.80 mm
Actual Inside Diameter D _i	-
Actual Thickness t _{max} and t _{min}	28.10 mm
Actual included angle α	
Actual sphericity (maximum deviation specified sphericity measured by a template on the concave or convex surface)	N/A
Conforms/deviates from specification for spot cast repairs	N/A
Window Fabricator/Subcontractor has pressure tested window	No
Window Fabricator has completed PVHO-1 Form VP-5	No

The Window identified above has been fabricated in accordance with the material and fabrication requirements of the Safety Standard for Pressure Vessels for Human Occupancy, ASME PVHO-1-2023 edition,

Company Hytech-Pommec . Ramgatseweg 27. Raamsdonkerveer. The Netherlands 4941 VN

Drawing Number 3.50.435 Rev A

Date 01 August 2025

 Maica Simpson

Authorised Representative of Window Fabricator
Stanley Plastics Ltd, Units 4-7 Holmbush Ind Est, Midhurst, West Sussex, GU29 9HX, ENGLAND.
Name and Address of Window Fabricator



ASME PVHO-1-2023

PVHO-1 Form VP-2 Acrylic Window Design Certificate Page 1 of 2

Window Description	Window Drawing No	3.50.435 Rev A
Maximum allowable working pressure		1.6 Mpa
Maximum design temperature		50° C
Minimum design temperature		-10° C
Window shape		Flat Disc
Conversion factor table number		2-2.3.1-1
Pressure range, N		1
Conversion factor, CF		10
Conversion Factor at Temp:		
Maximum Internal Ambient Temp:		52° C
Minimum External Ambient Temp:		-10° C
Short-term critical pressure and fig. no.		16 Mpa Fig 2-2.5.1-3

Experimental verification[Note (1)]

Thickness t (actual) _____
 D_i (actual) _____
 D_o (actual) _____
 Water Temp _____ °F _____ °C

No.1: _____ No.2: _____
 No.3: _____ No.4: _____
 No.5: _____ STCP: _____

(Note each test specimen FS for full scale and MS for model scale)

Type of Failure _____

Test Conducted at _____

Test supervised by _____

Window Design

Inner Diameter, D (Nominal)	120 mm
Outer Diameter (Nominal):	150 mm
Included Angle (Nominal)	
External Radius of Curvature (Nominal)	N/A
Minimum t/D_i (Calculated)	0.230 mm
Minimum t (Calculated)	27.6 mm
D_o / D_f Nominal:	1.250
D_i/D_f (Nominal)	1.000 mm
Maximum D_f Calculated:	120



ASME PVHO-1-2023

PVHO-1 Form VP-2 Acrylic Window Design Certificate Page 2 of 2

Minimum D_i (calculated)	120
Diametral interference/clearance between D_o of window and window seat at maximum design temperature (calculated)	
Diametral interference/clearance between D_o of window and window seat at minimum design temperature (calculated)	
Actual t (specified on drawing)	28 + 0.5 - 0 mm
Actual D_i (specified on drawings)	120 mm
Actual D_o (specified on drawings)	150 + 0 - 0.2 mm
Actual D_t (Specified on Drawing):	120 mm
Actual external radius of curvature (specified on drawings) (spherical or cylindrical)	N/A
Drawing No. of window	3.50.435 Rev A
Drawing No. of flange	3.50.7766 Rev
Drawing No. of assembly	1.80.915 and 1.80.914
Description of pressure vessel (for which the window has been designed)	
10 bar Decompression Chamber DART and ATEL 1.80.915 and 1.80.914	

The viewport design complies with all of the requirements of the Safety Standard for Pressure Vessels for Human Occupancy Section 2-2

J. Touw	17.10.2024
Viewport Designer	
Hytech-Pommec The Netherlands	17.10.2024
Authorised representative of chamber manufacturer or owner	Date
	17.10.2024
Name and address of chamber manufacturer or owner	Date

NOTE:

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(1) If STCP is determined experimentally according to para. 2-2.5.2, then the critical pressures of all five windows tested, the testing laboratory, and the test supervisor should be noted here.

**ASME PVHO-1- 2023****PVHO-1 Form VP-3 Material Manufacturer's Certification of Acrylic**

The acrylic sheet/custom castings 58 mm thickness of Lot Control No. 26729 have been produced by Stanley Plastics Limited under the trademark of Transpalite SS.

These castings possess typical physical properties satisfying the minimum values specified in Safety Standard for Pressure Vessels for Human Occupancy, Section 2, Table 2-3.4-1 in accordance with the material manufacturer's Quality Assurance Manual.

Stanley Plastics has ISO 9001:2008 Certification With

URS Certificate 67065/A/0001/UK/EN

May 2015

Date

QA Program Audited and Accepted as in Compliance by Purchaser (Vessel Manufacturer, Owner/User, or their designated agent)

Maica Simpson

01 August 2025

Authorised representative of manufacturer of plastic

Date

Stanley Plastics Limited, Units 4-7 Holmbush Industrial Estate, Midhurst, West Sussex, GU29 9HX, England

Name and address of manufacturer of plastic

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ASME PVHO-1- 2023



PVHO-1 Form VP-4 Material Testing Certification for Acrylic

1. Test specimens have been supplied already cut by Stanley Plastics Limited.
2. Test specimen taken from acrylic casting No 27538 in Lot 26729 have been produced by Stanley Plastics Limited. under the trademark of 'Transpalite SS' possess the following physical and chemical properties

TEST METHOD	PROPERTY	AVERAGE VALUES
ASTM D 638	Tensile:	
	(a) Ultimate strength	76.4 Mpa
	(b) Elongation at break	4.3%
	(c) Modulus of elasticity	3284.3 Mpa
ASTM D 695	Compressive:	
	(a) Yield strength	112.6 Mpa
	(b) Modulus of elasticity	5775.4 Mpa
ASTM D790	Flexural Ultimate Strength	113.4 Mpa
PVHO-1 method para. 2-3.7 (c)	Compressive deformation at 4,000 psi (27.6 MPa) and 122°F (50° C)	0.08%
* PVHO-1 method para 2-3.7(d)	Ultraviolet transmittance (for 1/2 in. (12.5mm) thickness)	<0.18%
PVHO-1, para. 2-3.7(e)	Visual clarity	Clear and Readable
PVHO-1, para. 2-3.8	Total residual methyl methacrylate and ethyl acrylate monomers	0.47%

The experimentally proven properties satisfy the minimum values specified in Table 2-3.4-2 of the Safety Standard for Pressure Vessels for Human Occupancy.

Mr N Kenworthy & Yvonne Davies

January 2025

Authorized representative of material testing laboratory

Date

Material Technology Hampshire UK & Smithers Shawbury UK *

Name and address of material testing laboratory

Test Data has been mailed to Stanley Plastics Limited, Holmbush Industrial Estate, Midhurst, West Sussex.

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HYTECH-POMMEC

Doc ID.: FRM750-01-060 Rev.A Test certificate PVHO-1 VP5

ASME PVHO-1-2023
PVHO-1 Form VP-5 Pressure Testing certification

Window identification: 232,06 psi / -10 °C / +50 °C / PVHO / SP / 44442/25

Window description

Maximum allowable working pressure 16 bar (1,6 MPa)

Maximum design temperature 50 °C

Test Arrangement

Window tested in operational viewport/simulated viewport Operational

Operational viewport/simulated viewport drawing no. 3.50.435 Rev A

Window tested according to par.2-7 yes

Test pressure 5,5 bar (0,55 MPa)

Overpressure ratio (tested pressure/maximum allowable working pressure) 1,1

Pressurizing medium temperature 66,2 °F 19 °C

Rate of pressurization 0,55 MPa/min

Duration of sustained pressurization 60 min.

Test observation (yes/no)

Leakage No

Permanent deformation No

Crazing No

Cracking No

The acrylic window was pressure tested according to the procedure of section 2-7 of the Safety Standard for Pressure Vessels for Human occupancy and was found to perform satisfactorily without any visible permanent deformation, crazing or cracking.

FJ Hommel
Pressure test supervisor
Test on site of Hytech-Pommec workshop



Name and address of pressure testing laboratory

Ron Lambregts
Authorized representative of chamber manufacturer (windows for new chamber),
or user (windows for replacement in existing chambers)



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HYTECH-POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Certificate: 135037

Pressure Test Certificate

Certificate number	135037	ISO number	12.2.130
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Product identification

Name	HP Hose Oxygen		
Serial number	HT20-910	Product category	HP Hoses
Part of unit	Dart & Atel	Brand & Type	Witzenmann RS531 2mtr
Client	Douane Nederland		
Status	In use	Working pressure	200,00 [bar]

Measuring equipment

Tool	Hose Test Cabinet - Hose Workshop	Calibration certificate	div. (see attachments)
Brand & Type	IHC Hytech 2.50.4485	Expiry date	21-01-2026
Serial number			

Test information

Guideline	SWOD-WODSOE - Sheet 3.1 - Hoses (24mnt)	Test pressure	300,0 [bar]
		Test duration	5 [min]
Description of test	Thorough external visual examination, checking the internal cleanliness and pressure test 1.5 times of the maximum working pressure according manufacturers specifications		
Remark over pressure	Tested:OK		
Batch hose			
Batch hose coupling			
Serial Number Airtechblock			
Flushed	Yes	Oxygen clean	Yes

Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.

Test date:	15-09-2025	Expiry date:	15-09-2027
------------	------------	--------------	------------

Name and signature

Elvin Causevic		
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HYTECH - POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Certificate: 135038

Pressure Test Certificate

Certificate number	135038	ISO number	12.2.130
Product identification			
Name	HP Hose Oxygen		
Serial number	HT07-1132	Product category	HP Hoses
Part of unit	Dart & Atel	Brand & Type	Witzemann RS 531 0.5mtr
Client	Douane Nederland		
Status	In use	Working pressure	200,00 [bar]
Measuring equipment			
Tool	Hose Test Cabinet - Hose Workshop	Calibration certificate	div. (see attachments)
Brand & Type	IHC Hytech 2.50.4485	Expiry date	21-01-2026
Serial number			
Test information			
Guideline	SWOD-WODSOE - Sheet 3.1 - Hoses (24mnt)	Test pressure	300,0 [bar]
		Test duration	5 [min]
Description of test	Thorough external visual examination, checking the internal cleanliness and pressure test 1.5 times of the maximum working pressure according manufacturers specifications		
Remark over pressure	Tested:OK		
Batch hose			
Batch hose coupling			
Serial Number Airtechblock			
Flushed	Yes	Oxygen clean	Yes
Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.			
Test date:	15-09-2025	Expiry date:	15-09-2027
Name and signature			
Elvin Causevic			

HYTECH - POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Certificate: 135039

Pressure Test Certificate

Certificate number	135039	ISO number	12.2.130
--------------------	--------	------------	----------

Product identification

Name	HP Hose Oxygen		
Serial number	HT07-1134	Product category	HP Hoses
Part of unit	Dart & Atel	Brand & Type	Witzemann RS 531 2.3mtr
Client	Douane Nederland		
Status	In use	Working pressure	200,00 [bar]

Measuring equipment

Tool	Hose Test Cabinet - Hose Workshop	Calibration certificate	div. (see attachments)
Brand & Type	IHC Hytech 2.50.4485	Expiry date	21-01-2026
Serial number			

Test information

Guideline	SWOD-WODSOE - Sheet 3.1 - Hoses (24mnt)	Test pressure	300,0 [bar]
		Test duration	5 [min]
Description of test	Thorough external visual examination, checking the internal cleanliness and pressure test 1.5 times of the maximum working pressure according manufacturers specifications		
Remark over pressure	Tested:OK		
Batch hose			
Batch hose coupling			
Serial Number Airtechblock			
Flushed	Yes	Oxygen clean	Yes

Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.

Test date:	15-09-2025	Expiry date:	15-09-2027
------------	------------	--------------	------------

Name and signature

Elvin Causevic		
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HYTECH-POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Certificate: 135049

Pressure Test Certificate

Certificate number	135049	ISO number	12.2.130
Product identification			
Name	HP Hose		
Serial number	HT06-1938	Product category	HP Hoses
Part of unit	Dart & Atel	Brand & Type	Manulli Fluiconnecto HP 0.5mtr
Client	Douane Nederland		
Status	In use	Working pressure	200,00 [bar]
Measuring equipment			
Tool	Hose Test Cabinet - Hose Workshop	Calibration certificate	div. (see attachments)
Brand & Type	IHC Hytech 2.50.4485	Expiry date	21-01-2026
Serial number			
Test information			
Guideline	SWOD-WODSOE - Sheet 3.1 - Hoses (24mnt)	Test pressure	300,0 [bar]
		Test duration	5 [min]
Description of test	Thorough external visual examination, checking the internal cleanliness and pressure test 1.5 times of the maximum working pressure according manufacturers specifications		
Remark over pressure	Tested:OK		
Batch hose			
Batch hose coupling			
Serial Number Airtechblock			
Flushed	No	Oxygen clean	No
Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.			
Test date:	15-09-2025	Expiry date:	15-09-2027
Name and signature			
Elvin Causevic			

HYTECH - POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Certificate: 135050

Pressure Test Certificate

Certificate number	135050	ISO number	12.2.130
Product identification			
Name	HP Hose		
Serial number	HT07-409	Product category	HP Hoses
Part of unit	Dart & Atel	Brand & Type	Manulli Fluiconnecto HP 2.75mtr
Client	Douane Nederland		
Status	In use	Working pressure	200,00 [bar]
Measuring equipment			
Tool	Hose Test Cabinet - Hose Workshop	Calibration certificate	div. (see attachments)
Brand & Type	IHC Hytech 2.50.4485	Expiry date	21-01-2026
Serial number			
Test information			
Guideline	SWOD-WODSOE - Sheet 3.1 - Hoses (24mnt)	Test pressure	300,0 [bar]
		Test duration	5 [min]
Description of test	Thorough external visual examination, checking the internal cleanliness and pressure test 1.5 times of the maximum working pressure according manufacturers specifications		
Remark over pressure	Tested:OK		
Batch hose			
Batch hose coupling			
Serial Number Airtechblock			
Flushed	No	Oxygen clean	No
Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.			
Test date:	15-09-2025	Expiry date:	15-09-2027
Name and signature			
Elvin Causevic			

HYTECH-POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Certificate: 135051

Pressure Test Certificate

Certificate number	135051	ISO number	12.2.130
Product identification			
Name	HP Hose		
Serial number	HT07-1156	Product category	HP Hoses
Part of unit	Dart & Atel	Brand & Type	Flexitube/Gates HP 2.5mtr
Client	Douane Nederland		
Status	In use	Working pressure	200,00 [bar]
Measuring equipment			
Tool	Hose Test Cabinet - Hose Workshop	Calibration certificate	div. (see attachments)
Brand & Type	IHC Hytech 2.50.4485	Expiry date	21-01-2026
Serial number			
Test information			
Guideline	SWOD-WODSOE - Sheet 3.1 - Hoses (24mnt)	Test pressure	300,0 [bar]
		Test duration	5 [min]
Description of test	Thorough external visual examination, checking the internal cleanliness and pressure test 1.5 times of the maximum working pressure according manufacturers specifications		
Remark over pressure	Tested:OK		
Batch hose			
Batch hose coupling			
Serial Number Airtechblock			
Flushed	No	Oxygen clean	No
Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.			
Test date:	15-09-2025	Expiry date:	15-09-2027
Name and signature			
Elvin Causevic			

HYTECH - POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Certificate: 135052

Pressure Test Certificate

Certificate number	135052	ISO number	12.2.130
Product identification			
Name	HP Hose		
Serial number	HT06-1431	Product category	HP Hoses
Part of unit	Dart & Atel	Brand & Type	Manulli Fluiconnecto HP 15mtr
Client	Douane Nederland		
Status	In use	Working pressure	200,00 [bar]
Measuring equipment			
Tool	Hose Test Cabinet - Hose Workshop	Calibration certificate	div. (see attachments)
Brand & Type	IHC Hytech 2.50.4485	Expiry date	21-01-2026
Serial number			
Test information			
Guideline	SWOD-WODSOE - Sheet 3.1 - Hoses (24mnt)	Test pressure	300,0 [bar]
		Test duration	5 [min]
Description of test	Thorough external visual examination, checking the internal cleanliness and pressure test 1.5 times of the maximum working pressure according manufacturers specifications		
Remark over pressure	Tested:OK		
Batch hose			
Batch hose coupling			
Serial Number Airtechblock			
Flushed	No	Oxygen clean	No
Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.			
Test date:	15-09-2025	Expiry date:	15-09-2027
Name and signature			
Elvin Causevic			

HYTECH - POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Certificate: 135053

Pressure Test Certificate

Certificate number	135053	ISO number	12.2.130
Product identification			
Name	HP Hose		
Serial number	HT06-1412	Product category	HP Hoses
Part of unit	Dart & Atel	Brand & Type	Manulli Fluiconnecto HP 2.1mtr
Client	Douane Nederland		
Status	In use	Working pressure	200,00 [bar]
Measuring equipment			
Tool	Hose Test Cabinet - Hose Workshop	Calibration certificate	div. (see attachments)
Brand & Type	IHC Hytech 2.50.4485	Expiry date	21-01-2026
Serial number			
Test information			
Guideline	SWOD-WODSOE - Sheet 3.1 - Hoses (24mnt)	Test pressure	300,0 [bar]
		Test duration	5 [min]
Description of test	Thorough external visual examination, checking the internal cleanliness and pressure test 1.5 times of the maximum working pressure according manufacturers specifications		
Remark over pressure	Tested:OK		
Batch hose			
Batch hose coupling			
Serial Number Airtechblock			
Flushed	No	Oxygen clean	No
Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.			
Test date:	15-09-2025	Expiry date:	15-09-2027
Name and signature			
Elvin Causevic			

HYTECH - POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Certificate: 135054

Pressure Test Certificate

Certificate number	135054	ISO number	12.2.130
Product identification			
Name	HP Hose		
Serial number	HT25-1068	Product category	HP Hoses
Part of unit	Dart & Atel	Brand & Type	Manulli Fluiconnecto HP 0.8mtr
Client	Douane Nederland		
Status	In use	Working pressure	200,00 [bar]
Measuring equipment			
Tool	Hose Test Cabinet - Hose Workshop	Calibration certificate	div. (see attachments)
Brand & Type	IHC Hytech 2.50.4485	Expiry date	21-01-2026
Serial number			
Test information			
Guideline	SWOD-WODSOE - Sheet 3.1 - Hoses (24mnt)	Test pressure	300,0 [bar]
		Test duration	5 [min]
Description of test	Thorough external visual examination, checking the internal cleanliness and pressure test 1.5 times of the maximum working pressure according manufacturers specifications		
Remark over pressure	Tested:OK		
Batch hose			
Batch hose coupling			
Serial Number Airtechblock			
Flushed	No	Oxygen clean	No
Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.			
Test date:	15-09-2025	Expiry date:	15-09-2027
Name and signature			
Elvin Causevic			

HYTECH-POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Certificate: 135055

Pressure Test Certificate

Certificate number	135055	ISO number	12.2.130
Product identification			
Name	HP Hose		
Serial number	HT25-1069	Product category	HP Hoses
Part of unit	Dart & Atel	Brand & Type	Manulli Fluiconnecto HP 0.9mtr
Client	Douane Nederland		
Status	In use	Working pressure	200,00 [bar]
Measuring equipment			
Tool	Hose Test Cabinet - Hose Workshop	Calibration certificate	div. (see attachments)
Brand & Type	IHC Hytech 2.50.4485	Expiry date	21-01-2026
Serial number			
Test information			
Guideline	SWOD-WODSOE - Sheet 3.1 - Hoses (24mnt)	Test pressure	300,0 [bar]
		Test duration	5 [min]
Description of test	Thorough external visual examination, checking the internal cleanliness and pressure test 1.5 times of the maximum working pressure according manufacturers specifications		
Remark over pressure	Tested:OK		
Batch hose			
Batch hose coupling			
Serial Number Airtechblock			
Flushed	No	Oxygen clean	No
Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.			
Test date:	15-09-2025	Expiry date:	15-09-2027
Name and signature			
Elvin Causevic			

HYTECH-POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Certificate: 135056

Pressure Test Certificate

Certificate number	135056	ISO number	12.2.130
Product identification			
Name	HP Hose		
Serial number	HT25-1070	Product category	HP Hoses
Part of unit	Dart & Atel	Brand & Type	Manulli Fluiconnecto HP 0.6mtr
Client	Douane Nederland		
Status	In use	Working pressure	200,00 [bar]
Measuring equipment			
Tool	Hose Test Cabinet - Hose Workshop	Calibration certificate	div. (see attachments)
Brand & Type	IHC Hytech 2.50.4485	Expiry date	21-01-2026
Serial number			
Test information			
Guideline	SWOD-WODSOE - Sheet 3.1 - Hoses (24mnt)	Test pressure	300,0 [bar]
		Test duration	5 [min]
Description of test	Thorough external visual examination, checking the internal cleanliness and pressure test 1.5 times of the maximum working pressure according manufacturers specifications		
Remark over pressure	Tested:OK		
Batch hose			
Batch hose coupling			
Serial Number Airtechblock			
Flushed	No	Oxygen clean	No
Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.			
Test date:	15-09-2025	Expiry date:	15-09-2027
Name and signature			
Elvin Causevic			

HYTECH-POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Certificate: 135057

Pressure Test Certificate

Certificate number	135057	ISO number	12.2.130
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Product identification			
Name	HP Hose		
Serial number	HT25-1071	Product category	HP Hoses
Part of unit	Dart & Atel	Brand & Type	Manulli Fluiconnecto HP 0.4mtr
Client	Douane Nederland		
Status	In use	Working pressure	200,00 [bar]

Measuring equipment			
Tool	Hose Test Cabinet - Hose Workshop	Calibration certificate	div. (see attachments)
Brand & Type	IHC Hytech 2.50.4485	Expiry date	21-01-2026
Serial number			

Test information			
Guideline	SWOD-WODSOE - Sheet 3.1 - Hoses (24mnt)	Test pressure	300,0 [bar]
		Test duration	5 [min]
Description of test	Thorough external visual examination, checking the internal cleanliness and pressure test 1.5 times of the maximum working pressure according manufacturers specifications		
Remark over pressure	Tested:OK		
Batch hose			
Batch hose coupling			
Serial Number Airtechblock			
Flushed	No	Oxygen clean	No

Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.

Test date:	15-09-2025	Expiry date:	15-09-2027
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Name and signature		
Elvin Causevic		

HYTECH - POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Certificate: 135041

Pressure Test Certificate

Certificate number	135041	ISO number	12.2.130
Product identification			
Name	MP Hose		
Serial number	HT19-1639	Product category	MP Hoses
Part of unit	Dart & Atel	Brand & Type	Parker MP Hose 0,5mtr
Client	Douane Nederland		
Status	In use	Working pressure	10,00 [bar]
Measuring equipment			
Tool	Hose Test Cabinet - Hose Workshop	Calibration certificate	div. (see attachments)
Brand & Type	IHC Hytech 2.50.4485	Expiry date	21-01-2026
Serial number			
Test information			
Guideline	SWOD-WODSOE - Sheet 3.1 - Hoses (24mnt)	Test pressure	15,0 [bar]
		Test duration	5 [min]
Description of test	Thorough external visual examination, checking the internal cleanliness and pressure test 1.5 times of the maximum working pressure according manufacturers specifications		
Remark over pressure	Tested:OK		
Batch hose			
Batch hose coupling			
Serial Number Airtechblock			
Flushed	No	Oxygen clean	No
Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.			
Test date:	15-09-2025	Expiry date:	15-09-2027
Name and signature			
Elvin Causevic			

HYTECH - POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Certificate: 135042

Pressure Test Certificate

Certificate number	135042	ISO number	12.2.130
Product identification			
Name	MP Hose		
Serial number	HT21-819	Product category	MP Hoses
Part of unit	Dart & Atel	Brand & Type	Fibron FBL06G 4mtr
Client	Douane Nederland		
Status	In use	Working pressure	30,00 [bar]
Measuring equipment			
Tool	Hose Test Cabinet - Hose Workshop	Calibration certificate	div. (see attachments)
Brand & Type	IHC Hytech 2.50.4485	Expiry date	21-01-2026
Serial number			
Test information			
Guideline	SWOD-WODSOE - Sheet 3.1 - Hoses (24mnt)	Test pressure	15,0 [bar]
		Test duration	5 [min]
Description of test	Thorough external visual examination, checking the internal cleanliness and pressure test 1.5 times of the maximum working pressure according manufacturers specifications		
Remark over pressure	Tested:OK		
Batch hose			
Batch hose coupling			
Serial Number Airtechblock			
Flushed	No	Oxygen clean	No
Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.			
Test date:	15-09-2025	Expiry date:	15-09-2027
Name and signature			
Elvin Causevic			

HYTECH - POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Certificate: 135043

Pressure Test Certificate

Certificate number	135043	ISO number	12.2.130
Product identification			
Name	MP Hose		
Serial number	HT21-820	Product category	MP Hoses
Part of unit	Dart & Atel	Brand & Type	Fibron FBL06G 5mtr
Client	Douane Nederland		
Status	In use	Working pressure	30,00 [bar]
Measuring equipment			
Tool	Hose Test Cabinet - Hose Workshop	Calibration certificate	div. (see attachments)
Brand & Type	IHC Hytech 2.50.4485	Expiry date	21-01-2026
Serial number			
Test information			
Guideline	SWOD-WODSOE - Sheet 3.1 - Hoses (24mnt)	Test pressure	15,0 [bar]
		Test duration	5 [min]
Description of test	Thorough external visual examination, checking the internal cleanliness and pressure test 1.5 times of the maximum working pressure according manufacturers specifications		
Remark over pressure	Tested:OK		
Batch hose			
Batch hose coupling			
Serial Number Airtechblock			
Flushed	No	Oxygen clean	No
Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.			
Test date:	15-09-2025	Expiry date:	15-09-2027
Name and signature			
Elvin Causevic			

HYTECH - POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Certificate: 135044

Pressure Test Certificate

Certificate number	135044	ISO number	12.2.130
Product identification			
Name	MP Hose		
Serial number	HT21-821	Product category	MP Hoses
Part of unit	Dart & Atel	Brand & Type	Fibron FBL06G 10mtr
Client	Douane Nederland		
Status	In use	Working pressure	30,00 [bar]
Measuring equipment			
Tool	Hose Test Cabinet - Hose Workshop	Calibration certificate	div. (see attachments)
Brand & Type	IHC Hytech 2.50.4485	Expiry date	21-01-2026
Serial number			
Test information			
Guideline	SWOD-WODSOE - Sheet 3.1 - Hoses (24mnt)	Test pressure	15,0 [bar]
		Test duration	5 [min]
Description of test	Thorough external visual examination, checking the internal cleanliness and pressure test 1.5 times of the maximum working pressure according manufacturers specifications		
Remark over pressure	Tested:OK		
Batch hose			
Batch hose coupling			
Serial Number Airtechblock			
Flushed	No	Oxygen clean	No
Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.			
Test date:	15-09-2025	Expiry date:	15-09-2027
Name and signature			
Elvin Causevic			

HYTECH-POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Certificate: 135045

Pressure Test Certificate

Certificate number	135045	ISO number	12.2.130
Product identification			
Name	MP Hose		
Serial number	HT21-822	Product category	MP Hoses
Part of unit	Dart & Atel	Brand & Type	Fibron FBL06G 10mtr
Client	Douane Nederland		
Status	In use	Working pressure	30,00 [bar]
Measuring equipment			
Tool	Hose Test Cabinet - Hose Workshop	Calibration certificate	div. (see attachments)
Brand & Type	IHC Hytech 2.50.4485	Expiry date	21-01-2026
Serial number			
Test information			
Guideline	SWOD-WODSOE - Sheet 3.1 - Hoses (24mnt)	Test pressure	15,0 [bar]
		Test duration	5 [min]
Description of test	Thorough external visual examination, checking the internal cleanliness and pressure test 1.5 times of the maximum working pressure according manufacturers specifications		
Remark over pressure	Tested:OK		
Batch hose			
Batch hose coupling			
Serial Number Airtechblock			
Flushed	No	Oxygen clean	No
Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.			
Test date:	15-09-2025	Expiry date:	15-09-2027
Name and signature			
Elvin Causevic			

HYTECH - POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Certificate: 135046

Pressure Test Certificate

Certificate number	135046	ISO number	12.2.130
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Product identification

Name	MP Hose		
Serial number	HT21-823	Product category	MP Hoses
Part of unit	Dart & Atel	Brand & Type	Fibron FBL06G 10mtr
Client	Douane Nederland		
Status	In use	Working pressure	30,00 [bar]

Measuring equipment

Tool	Hose Test Cabinet - Hose Workshop	Calibration certificate	div. (see attachments)
Brand & Type	IHC Hytech 2.50.4485	Expiry date	21-01-2026
Serial number			

Test information

Guideline	SWOD-WODSOE - Sheet 3.1 - Hoses (24mnt)	Test pressure	15,0 [bar]
		Test duration	5 [min]
Description of test	Thorough external visual examination, checking the internal cleanliness and pressure test 1.5 times of the maximum working pressure according manufacturers specifications		
Remark over pressure	Tested:OK		
Batch hose			
Batch hose coupling			
Serial Number Airtechblock			
Flushed	No	Oxygen clean	No

Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.

Test date:	15-09-2025	Expiry date:	15-09-2027
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Name and signature

Elvin Causevic		
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HYTECH - POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Certificate: 135047

Pressure Test Certificate

Certificate number	135047	ISO number	12.2.130
Product identification			
Name	MP Hose		
Serial number	HT21-824	Product category	MP Hoses
Part of unit	Dart & Atel	Brand & Type	Fibron FBL06G 10mtr
Client	Douane Nederland		
Status	In use	Working pressure	30,00 [bar]
Measuring equipment			
Tool	Hose Test Cabinet - Hose Workshop	Calibration certificate	div. (see attachments)
Brand & Type	IHC Hytech 2.50.4485	Expiry date	21-01-2026
Serial number			
Test information			
Guideline	SWOD-WODSOE - Sheet 3.1 - Hoses (24mnt)	Test pressure	15,0 [bar]
		Test duration	5 [min]
Description of test	Thorough external visual examination, checking the internal cleanliness and pressure test 1.5 times of the maximum working pressure according manufacturers specifications		
Remark over pressure	Tested:OK		
Batch hose			
Batch hose coupling			
Serial Number Airtechblock			
Flushed	No	Oxygen clean	No
Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.			
Test date:	15-09-2025	Expiry date:	15-09-2027
Name and signature			
Elvin Causevic			

HYTECH-POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Certificate: 135048

Pressure Test Certificate

Certificate number	135048	ISO number	12.2.130
Product identification			
Name	MP Hose		
Serial number	HT23-1092	Product category	MP Hoses
Part of unit	Dart & Atel	Brand & Type	Nobelair HSF 1mtr
Client	Douane Nederland		
Status	In use	Working pressure	10,00 [bar]
Measuring equipment			
Tool	Hose Test Cabinet - Hose Workshop	Calibration certificate	div. (see attachments)
Brand & Type	IHC Hytech 2.50.4485	Expiry date	21-01-2026
Serial number			
Test information			
Guideline	SWOD-WODSOE - Sheet 3.1 - Hoses (24mnt)	Test pressure	15,0 [bar]
		Test duration	5 [min]
Description of test	Thorough external visual examination, checking the internal cleanliness and pressure test 1.5 times of the maximum working pressure according manufacturers specifications		
Remark over pressure	Tested:OK		
Batch hose			
Batch hose coupling			
Serial Number Airtechblock			
Flushed	No	Oxygen clean	No
Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.			
Test date:	15-09-2025	Expiry date:	15-09-2027
Name and signature			
Elvin Causevic			

HYTECH-POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Certificate: 135040

Pressure Test Certificate

Certificate number	135040	ISO number	12.2.130
Product identification			
Name	Single line		
Serial number	HT21-825	Product category	Single Lines
Part of unit	Dart & Atel	Brand & Type	Fibron FBL04P 4mtr
Client	Douane Nederland		
Status	In use	Working pressure	30,00 [bar]
Measuring equipment			
Tool	Hose Test Cabinet - Hose Workshop	Calibration certificate	div. (see attachments)
Brand & Type	IHC Hytech 2.50.4485	Expiry date	21-01-2026
Serial number			
Test information			
Guideline	SWOD-WODSOE - Sheet 3.1 - Hoses (24mnt)	Test pressure	45,0 [bar]
		Test duration	5 [min]
Description of test	Thorough external visual examination, checking the internal cleanliness and pressure test 1.5 times of the maximum working pressure according manufacturers specifications		
Remark over pressure	Tested:OK		
Batch hose			
Batch hose coupling			
Serial Number Airtechblock			
Flushed	Yes	Oxygen clean	Yes
Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.			
Test date:	15-09-2025	Expiry date:	15-09-2027
Name and signature			
Elvin Causevic			

HYTECH - POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Certificate: 135092

Certificate of Maintenance

Certificate number	135092	ISO number	12.2.196
Product identification			
Name	Oxygen Mask		
Serial number	O2.09-026	Product category	Breathing Masks
Part of unit	Dart & Atel	Brand & Type	Avox Pressure Vak II
Client	Douane Nederland		
Status	In use	Working pressure	0,00 []
Measuring equipment			
Tool	Digital Pressure gauge Frans-Jan (140056)	Calibration certificate	25-19052-0-1
Brand & Type	Keller Leo2	Expiry date	20-01-2026
Serial number	140056		
Test information			
Description of test	Maintenance and testing according to manufacturers specifications		
Guideline	SWOD-WODSOE - Sheet 4.1 - BIBS (12mnt)		
Supplier maintenance guideline	Supplier manual		
Running hours	0,0[hrs]		
Parts used	H.80.00073		
Remarks maintenance test	cleaned, serviced and tested.		
Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.			
Test date:	15-09-2025	Expiry date:	15-09-2026
Name and signature			
Frans Jan Hommel			

HYTECH-POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Certificate: 135093

Certificate of Maintenance

Certificate number	135093	ISO number	12.2.196
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Product identification

Name	Oxygen Mask		
Serial number	O2.09-027	Product category	Breathing Masks
Part of unit	Dart & Atel	Brand & Type	Avox Pressure Vak II
Client	Douane Nederland		
Status	In use	Working pressure	0,00 []

Measuring equipment

Tool	Digital Pressure gauge Frans-Jan (140056)	Calibration certificate	25-19052-0-1
Brand & Type	Keller Leo2	Expiry date	20-01-2026
Serial number	140056		

Test information

Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.

Test date:	15-09-2025		Expiry date:	15-09-2026
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Name and signature

Frans Jan Hommel		
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HYTECH-POMMEC

Diving, Medical, Tunnelling & Life Support Solutions

Certificate: 135094

Certificate of Maintenance

Certificate number	135094	ISO number	12.2.196
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Product identification

Name	Oxygen Mask		
Serial number	O2.09-028	Product category	Breathing Masks
Part of unit	Dart & Atel	Brand & Type	Avox Pressure Vak II
Client	Douane Nederland		
Status	In use	Working pressure	0,00 []

Measuring equipment

Tool	Digital Pressure gauge Frans-Jan (140056)	Calibration certificate	25-19052-0-1
Brand & Type	Keller Leo2	Expiry date	20-01-2026
Serial number	140056		

Test information

Hereby Hytech-Pommec declares that the test was performed according to the above mentioned data.

Test date:	15-09-2025		Expiry date:	15-09-2026
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Name and signature

Frans Jan Hommel		
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