

DECLARATION OF CONFORMITY - DICHIARAZIONE DI CONFORMITÀ

According to the European directive PED 2014/68/UE

Ai sensi della direttiva Europea PED 2014/68/UE

The company Composite Technical Systems S.p.A. situated in Chiopris Viscone (UD) IT - Via M. Faidutti, 9

La società Composite Technical Systems S.p.A. con sede a Chiopris Viscone (UD) IT - Via M. Faidutti, 9

DECLARES - DICHIARA

That the manufactured pressure equipment

Che l'attrezzatura a pressione costruita

Definition: Definizione:	NON-LIMITED LIFE CYLINDER FOR BREATHING APPARATUS [Fully wrapped composite cylinders type 4] BOMBOLE A VITA NON LIMITATA PER APPARECCHIO RESPIRATORE [Bombole in materiale composito interamente ricoperte di tipo 4]		Drawing: Disegno:	0068_300D Rev 0
Water capacity (litre) Capacità (litri)	6,8	Min. & max. allowable temperatures (°C) Temperatura min. e max. ammissibili (°C)		-40 / +60
Operating fluid: Fluido contenuto:	1002 air	Max. allowable pressure at 15 °C (BAR) Max. pressione ammissibile a 15 °C (BAR)		300
Serial number N° matricola	From (dal) To (al)	24/1133/BA74644 24/1133/BA74844	Number of cylinders Numero di bombole	200

MEETS THE REQUIREMENTS OF DIRECTIVE 2014/68/UE

È CONFORME A QUANTO STABILITO DALLA DIRETTIVA 2014/68/UE

1) Conformity assessment procedures used:

Procedura di valutazione di conformità utilizzata:

Module B+F (Category III)

2) Notified body charged of the conformity assessment n°:

Organismo notificato incaricato per valutazione di conformità n°:

1370 BUREAU VERITAS ITALIA

Viale Monza 347, 20126 MILANO

3) Registration number of "CE" type Examination certificate:

Estremi dell'Attestato dell'esame CE del tipo:

CE-1370-PED-B3.1-CTS 001-21-ITA

4) Standards applied to designing and manufacture:

Norme applicate a progettazione e costruzione:

EN 12245:2009+A1:2011

5) Other European Directives applied to the equipment:

Eventuali altre Direttive Europee applicate all'attrezzatura:

None

It is declared the equipment has been hydraulic tested with favorable result at the pressure of (PT/PH) 450 BAR, it is marked CE 1370 and with identification data and the working parameters upside reported.

Dichiara inoltre che l'attrezzatura è stata sottoposta con esito favorevole alla prova di pressione idraulica di PT/PH 450 BAR, che è stata marcata CE 1370 e con i dati identificativi e le caratteristiche di esercizio sopra riportati.

If the cylinder will be part of an assembly, this shall be subjected to global conformity assessment procedure described in the directive 2014/68/UE.

Se la bombola farà parte di un insieme, questo dovrà essere sottoposto ad una procedura globale di valutazione di conformità così come previsto dalla direttiva 2014/68/UE

Chiopris Viscone

08/08/2024

Signed on behalf of: Roland Tschöp – Legal Representative

By Andrea Chiozzi - General Manager

Via Monsignor Faidutti
33048 Chiopris Viscone
UD 33048
Tel. 0432 926333

Finished Cylinder: Cycling Test			
Serial No	Test Pressure [bar]	No. Of Cycles	Cycle Frequency (cycle/min)
24/1120/BA74002	450	12000	8

Finished Cylinder: Bursting Test			
Serial No	Min. Burst pressure [bar]	Actual Burst Pressure [bar]	Mode of failure
24/1133/BA74793	900	1026	see annex - burst test certificate



Weighing and dimensional checks			
Quantity of weighing	Average weight [Kg]	Minimum weight [Kg]	Maximum weight [Kg]
21	2,7	2,5	2,9
Diameter check	Lenght check	Water capacity check	Thread check & Leak test
> 12,5%	100%	>14,2%	100%
Criteria according to EN 12245:2009+A1:2011: Weight >10%, Diameter >10%, Length >10%, Water capacity >10% and Thread >10%			

BATCH SERIAL NUMBERS TEST LIST

Serial No.	Hydraulic Test pressure 450 bar	Internal, external, marking visual inspection	Proof test date (dd/mm/yy)	Fiber batch No.	Resin and Curing Agent batch No.	Serial No.	Hydraulic Test pressure 450 bar	Internal, external, marking visual inspection	Proof test date (dd/mm/yy)	Fiber batch No.	Resin and Curing Agent batch No.
BA 74644	PASS	YES	05/08/24	CONFIDENTIAL: DATA REGISTERED AND APPROVED BY NOTIFIED BODY VIA CTS S.p.A. BATCH TESTING CERTIFICATE - BACK DATA FORM	CONFIDENTIAL: DATA REGISTERED AND APPROVED BY NOTIFIED BODY VIA CTS S.p.A. BATCH TESTING CERTIFICATE - BACK DATA FORM	BA 74665	PASS	YES	05/08/24	CONFIDENTIAL: DATA REGISTERED AND APPROVED BY NOTIFIED BODY VIA CTS S.p.A. BATCH TESTING CERTIFICATE - BACK DATA FORM	CONFIDENTIAL: DATA REGISTERED AND APPROVED BY NOTIFIED BODY VIA CTS S.p.A. BATCH TESTING CERTIFICATE - BACK DATA FORM
BA 74645	PASS	YES	05/08/24			BA 74666	PASS	YES	05/08/24		
BA 74646	PASS	YES	05/08/24			BA 74667	PASS	YES	05/08/24		
BA 74647	PASS	YES	05/08/24			BA 74668	PASS	YES	05/08/24		
BA 74648	PASS	YES	05/08/24			BA 74669	PASS	YES	05/08/24		
BA 74649	PASS	YES	05/08/24			BA 74670	PASS	YES	05/08/24		
BA 74650	PASS	YES	05/08/24			BA 74671	PASS	YES	05/08/24		
BA 74651	PASS	YES	05/08/24			BA 74672	PASS	YES	05/08/24		
BA 74652	PASS	YES	05/08/24			BA 74673	PASS	YES	05/08/24		
BA 74653	PASS	YES	05/08/24			BA 74674	PASS	YES	05/08/24		
BA 74654	PASS	YES	05/08/24			BA 74675	PASS	YES	05/08/24		
BA 74655	PASS	YES	05/08/24			BA 74676	PASS	YES	05/08/24		
BA 74656	PASS	YES	05/08/24			BA 74677	PASS	YES	05/08/24		
BA 74657	PASS	YES	05/08/24			BA 74678	PASS	YES	05/08/24		
BA 74658	PASS	YES	05/08/24			BA 74679	PASS	YES	05/08/24		
BA 74659	PASS	YES	05/08/24			BA 74680	PASS	YES	05/08/24		
BA 74660	PASS	YES	05/08/24			BA 74681	PASS	YES	05/08/24		
BA 74661	PASS	YES	05/08/24			BA 74682	PASS	YES	05/08/24		
BA 74662	PASS	YES	05/08/24			BA 74683	PASS	YES	05/08/24		
BA 74663	PASS	YES	05/08/24			BA 74684	PASS	YES	05/08/24		
BA 74664	PASS	YES	05/08/24			BA 74685	PASS	YES	05/08/24		

B =Burst; C=Cyclic; IS=Immersion in Salt Water; ET=Elevated Temperature; D=Drop; FL=Flawed; CT=Extreme Temperature Cycle;
FR=Fire Resistance, S=High Velocity Impact (bullet); P=Permeability; T=Torque



Transducer CTS Prova Idrastica WIKA S-10 (0-600 bar) S.N. 1A01VESZSK5

Date Data	Independent Inspection Authority Autorità ispettiva indipendente	General Manager Direttore generale
08/08/2024		

Serial No.	Hydraulic Test pressure 450 bar	Internal, external, marking visual inspection	Proof test date (dd/mm/yy)	Fiber batch No.	Resin and Curing Agent batch No.	Serial No.	Hydraulic Test pressure 450 bar	Internal, external, marking visual inspection	Proof test date (dd/mm/yy)	Fiber batch No.	Resin and Curing Agent batch No.
BA 74686	PASS	YES	05/08/24	CONFIDENTIAL: DATA REGISTERED AND APPROVED BY NOTIFIED BODY VIA CTS S.p.A. BATCH TESTING CERTIFICATE - BACK DATA FORM	CONFIDENTIAL: DATA REGISTERED AND APPROVED BY NOTIFIED BODY VIA CTS S.p.A. BATCH TESTING CERTIFICATE - BACK DATA FORM	BA 74726	PASS	YES	05/08/24	CONFIDENTIAL: DATA REGISTERED AND APPROVED BY NOTIFIED BODY VIA CTS S.p.A. BATCH TESTING CERTIFICATE - BACK DATA FORM	CONFIDENTIAL: DATA REGISTERED AND APPROVED BY NOTIFIED BODY VIA CTS S.p.A. BATCH TESTING CERTIFICATE - BACK DATA FORM
BA 74687	PASS	YES	05/08/24			BA 74727	PASS	YES	05/08/24		
BA 74688	PASS	YES	05/08/24			BA 74728	PASS	YES	05/08/24		
BA 74689	PASS	YES	05/08/24			BA 74729	PASS	YES	05/08/24		
BA 74690	PASS	YES	05/08/24			BA 74730	PASS	YES	05/08/24		
BA 74691	PASS	YES	05/08/24			BA 74731	PASS	YES	05/08/24		
BA 74692	PASS	YES	05/08/24			BA 74732	PASS	YES	05/08/24		
BA 74693	PASS	YES	05/08/24			BA 74733	PASS	YES	05/08/24		
BA 74694	PASS	YES	05/08/24			BA 74734	PASS	YES	05/08/24		
BA 74695	PASS	YES	05/08/24			BA 74735	PASS	YES	05/08/24		
BA 74696	PASS	YES	05/08/24			BA 74736	PASS	YES	05/08/24		
BA 74697	PASS	YES	05/08/24			BA 74737	PASS	YES	05/08/24		
BA 74698	PASS	YES	05/08/24			BA 74738	PASS	YES	05/08/24		
BA 74699	PASS	YES	05/08/24			BA 74739	PASS	YES	05/08/24		
BA 74700	PASS	YES	05/08/24			BA 74740	PASS	YES	05/08/24		
BA 74701	PASS	YES	05/08/24			BA 74741	PASS	YES	05/08/24		
BA 74702	PASS	YES	05/08/24			BA 74742	PASS	YES	05/08/24		
BA 74703	PASS	YES	05/08/24			BA 74743	PASS	YES	05/08/24		
BA 74704	PASS	YES	05/08/24			BA 74744	PASS	YES	05/08/24		
BA 74705	PASS	YES	05/08/24			BA 74745	PASS	YES	05/08/24		
BA 74706	PASS	YES	05/08/24			BA 74746	PASS	YES	05/08/24		
BA 74707	PASS	YES	05/08/24			BA 74747	PASS	YES	05/08/24		
BA 74708	PASS	YES	05/08/24			BA 74748	PASS	YES	05/08/24		
BA 74709	PASS	YES	05/08/24			BA 74749	PASS	YES	05/08/24		
BA 74710	PASS	YES	05/08/24			BA 74750	PASS	YES	05/08/24		
BA 74711	PASS	YES	05/08/24			BA 74751	PASS	YES	05/08/24		
BA 74712	PASS	YES	05/08/24			BA 74752	PASS	YES	05/08/24		
BA 74713	PASS	YES	05/08/24			BA 74753	PASS	YES	05/08/24		
BA 74714	PASS	YES	05/08/24			BA 74754	PASS	YES	05/08/24		
BA 74715	PASS	YES	05/08/24			BA 74755	PASS	YES	05/08/24		
BA 74716	PASS	YES	05/08/24			BA 74756	PASS	YES	05/08/24		
BA 74717	PASS	YES	05/08/24			BA 74757	PASS	YES	05/08/24		
BA 74718	PASS	YES	05/08/24			BA 74758	PASS	YES	05/08/24		
BA 74719	PASS	YES	05/08/24			BA 74759	PASS	YES	05/08/24		
BA 74720	PASS	YES	05/08/24			BA 74760	PASS	YES	05/08/24		
BA 74721	PASS	YES	05/08/24			BA 74761	PASS	YES	05/08/24		
BA 74722	PASS	YES	05/08/24			BA 74762	PASS	YES	05/08/24		
BA 74723	PASS	YES	05/08/24			BA 74763	PASS	YES	05/08/24		
BA 74724	PASS	YES	05/08/24			BA 74764	PASS	YES	05/08/24		
BA 74725	PASS	YES	05/08/24			BA 74765	PASS	YES	05/08/24		

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Transducer CTS Prova Idraulica WIKA S-10 (0-600 bar) S.N. 1A01VESZSK5

Date Data	Independent Inspection Authority Autorità ispettiva indipendente	General Manager Direttore generale
08/08/2024		

Serial No.	Hydraulic Test pressure 450 bar	Internal, external, marking visual inspection	Proof test date (dd/mm/yy)	Fiber batch No.	Resin and Curing Agent batch No.	Serial No.	Hydraulic Test pressure 450 bar	Internal, external, marking visual inspection	Proof test date (dd/mm/yy)	Fiber batch No.	Resin and Curing Agent batch No.
BA 74766	PASS	YES	05/08/24	CONFIDENTIAL: DATA REGISTERED AND APPROVED BY NOTIFIED BODY VIA CTS S.p.A. BATCH TESTING CERTIFICATE - BACK DATA FORM	CONFIDENTIAL: DATA REGISTERED AND APPROVED BY NOTIFIED BODY VIA CTS S.p.A. BATCH TESTING CERTIFICATE - BACK DATA FORM	BA 74806	PASS	YES	05/08/24	CONFIDENTIAL: DATA REGISTERED AND APPROVED BY NOTIFIED BODY VIA CTS S.p.A. BATCH TESTING CERTIFICATE - BACK DATA FORM	CONFIDENTIAL: DATA REGISTERED AND APPROVED BY NOTIFIED BODY VIA CTS S.p.A. BATCH TESTING CERTIFICATE - BACK DATA FORM
BA 74767	PASS	YES	05/08/24			BA 74807	PASS	YES	05/08/24		
BA 74768	PASS	YES	05/08/24			BA 74808	PASS	YES	05/08/24		
BA 74769	PASS	YES	05/08/24			BA 74809	PASS	YES	05/08/24		
BA 74770	PASS	YES	05/08/24			BA 74810	PASS	YES	05/08/24		
BA 74771	PASS	YES	05/08/24			BA 74811	PASS	YES	05/08/24		
BA 74772	PASS	YES	05/08/24			BA 74812	PASS	YES	05/08/24		
BA 74773	PASS	YES	05/08/24			BA 74813	PASS	YES	05/08/24		
BA 74774	PASS	YES	05/08/24			BA 74814	PASS	YES	05/08/24		
BA 74775	PASS	YES	05/08/24			BA 74815	PASS	YES	05/08/24		
BA 74776	PASS	YES	05/08/24			BA 74816	PASS	YES	05/08/24		
BA 74777	PASS	YES	05/08/24			BA 74817	PASS	YES	05/08/24		
BA 74778	PASS	YES	05/08/24			BA 74818	PASS	YES	05/08/24		
BA 74779	PASS	YES	05/08/24			BA 74819	PASS	YES	05/08/24		
BA 74780	PASS	YES	05/08/24			BA 74820	PASS	YES	05/08/24		
BA 74781	PASS	YES	05/08/24			BA 74821	PASS	YES	05/08/24		
BA 74782	PASS	YES	05/08/24			BA 74822	PASS	YES	05/08/24		
BA 74783	PASS	YES	05/08/24			BA 74823	PASS	YES	05/08/24		
BA 74784	PASS	YES	05/08/24			BA 74824	PASS	YES	05/08/24		
BA 74785	PASS	YES	05/08/24			BA 74825	PASS	YES	05/08/24		
BA 74786	PASS	YES	05/08/24			BA 74826	PASS	YES	05/08/24		
BA 74787	PASS	YES	05/08/24			BA 74827	PASS	YES	05/08/24		
BA 74788	PASS	YES	05/08/24			BA 74828	PASS	YES	05/08/24		
BA 74789	PASS	YES	05/08/24			BA 74829	PASS	YES	05/08/24		
BA 74790	PASS	YES	05/08/24			BA 74830	PASS	YES	05/08/24		
BA 74791	PASS	YES	05/08/24			BA 74831	PASS	YES	05/08/24		
BA 74792	PASS	YES	05/08/24			BA 74832	PASS	YES	05/08/24		
BA 74793	B	YES	05/08/24			BA 74833	PASS	YES	05/08/24		
BA 74794	PASS	YES	05/08/24			BA 74834	PASS	YES	05/08/24		
BA 74795	PASS	YES	05/08/24			BA 74835	PASS	YES	05/08/24		
BA 74796	PASS	YES	05/08/24			BA 74836	PASS	YES	05/08/24		
BA 74797	PASS	YES	05/08/24			BA 74837	PASS	YES	05/08/24		
BA 74798	PASS	YES	05/08/24			BA 74838	PASS	YES	05/08/24		
BA 74799	PASS	YES	05/08/24			BA 74839	PASS	YES	05/08/24		
BA 74800	PASS	YES	05/08/24			BA 74840	PASS	YES	05/08/24		
BA 74801	PASS	YES	05/08/24			BA 74841	PASS	YES	05/08/24		
BA 74802	PASS	YES	05/08/24			BA 74842	PASS	YES	05/08/24		
BA 74803	PASS	YES	05/08/24			BA 74843	PASS	YES	05/08/24		
BA 74804	PASS	YES	05/08/24			BA 74844	PASS	YES	05/08/24		
BA 74805	PASS	YES	05/08/24			-	-	-	X		

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Transducer CTS Prova Idraulica WIKA S-10 (0-600 bar) S.N. 1A01VESZSK5

Date Data	Independent Inspection Authority Autorità ispettiva indipendente	General Manager Direttore generale
08/08/2024		 <p>Chinese Andrea Via Monsignor Faidutti 33048 Chiopris-Viscone P.I. 011552203</p>