

## 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)	24/1132/BA74443	Number of cylinders Numero di bombole	200
	To (al)	24/1132/BA74643		

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 Chinese - General Manager

CTS S.p.A.  
Via Monsignor Faidutti  
33048 Chiopris Viscone  
Tel. 0432/20312

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
24/1132/BA74620	900	951	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	Length 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 74443	PASS	YES	02/08/24	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 74464	PASS	YES	02/08/24	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 74444	PASS	YES	02/08/24			BA 74465	PASS	YES	02/08/24		
BA 74445	PASS	YES	02/08/24			BA 74466	PASS	YES	02/08/24		
BA 74446	PASS	YES	02/08/24			BA 74467	PASS	YES	02/08/24		
BA 74447	PASS	YES	02/08/24			BA 74468	PASS	YES	02/08/24		
BA 74448	PASS	YES	02/08/24			BA 74469	PASS	YES	02/08/24		
BA 74449	PASS	YES	02/08/24			BA 74470	PASS	YES	02/08/24		
BA 74450	PASS	YES	02/08/24			BA 74471	PASS	YES	02/08/24		
BA 74451	PASS	YES	02/08/24			BA 74472	PASS	YES	02/08/24		
BA 74452	PASS	YES	02/08/24			BA 74473	PASS	YES	02/08/24		
BA 74453	PASS	YES	02/08/24			BA 74474	PASS	YES	02/08/24		
BA 74454	PASS	YES	02/08/24			BA 74475	PASS	YES	02/08/24		
BA 74455	PASS	YES	02/08/24			BA 74476	PASS	YES	02/08/24		
BA 74456	PASS	YES	02/08/24			BA 74477	PASS	YES	02/08/24		
BA 74457	PASS	YES	02/08/24			BA 74478	PASS	YES	02/08/24		
BA 74458	PASS	YES	02/08/24			BA 74479	PASS	YES	02/08/24		
BA 74459	PASS	YES	02/08/24			BA 74480	PASS	YES	02/08/24		
BA 74460	PASS	YES	02/08/24			BA 74481	PASS	YES	02/08/24		
BA 74461	PASS	YES	02/08/24			BA 74482	PASS	YES	02/08/24		
BA 74462	PASS	YES	02/08/24			BA 74483	PASS	YES	02/08/24		
BA 74463	PASS	YES	02/08/24			BA 74484	PASS	YES	02/08/24		

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

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




Chinese Andrea  
Via Monsignor Faidutti  
33048 Chiopris-Viscone  
P.I. 0115522032



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 74485	PASS	YES	02/08/24	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 74525	PASS	YES	02/08/24	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 74486	PASS	YES	02/08/24			BA 74526	PASS	YES	02/08/24		
BA 74487	PASS	YES	02/08/24			BA 74527	PASS	YES	02/08/24		
BA 74488	PASS	YES	02/08/24			BA 74528	PASS	YES	02/08/24		
BA 74489	PASS	YES	02/08/24			BA 74529	PASS	YES	02/08/24		
BA 74490	PASS	YES	02/08/24			BA 74530	PASS	YES	02/08/24		
BA 74491	PASS	YES	02/08/24			BA 74531	PASS	YES	02/08/24		
BA 74492	PASS	YES	02/08/24			BA 74532	PASS	YES	02/08/24		
BA 74493	PASS	YES	02/08/24			BA 74533	PASS	YES	02/08/24		
BA 74494	PASS	YES	02/08/24			BA 74534	PASS	YES	02/08/24		
BA 74495	PASS	YES	02/08/24			BA 74535	PASS	YES	02/08/24		
BA 74496	PASS	YES	02/08/24			BA 74536	PASS	YES	02/08/24		
BA 74497	PASS	YES	02/08/24			BA 74537	PASS	YES	02/08/24		
BA 74498	PASS	YES	02/08/24			BA 74538	PASS	YES	02/08/24		
BA 74499	PASS	YES	02/08/24			BA 74539	PASS	YES	02/08/24		
BA 74500	PASS	YES	02/08/24			BA 74540	PASS	YES	02/08/24		
BA 74501	PASS	YES	02/08/24			BA 74541	PASS	YES	02/08/24		
BA 74502	PASS	YES	02/08/24			BA 74542	PASS	YES	02/08/24		
BA 74503	PASS	YES	02/08/24			BA 74543	PASS	YES	02/08/24		
BA 74504	PASS	YES	02/08/24			BA 74544	PASS	YES	02/08/24		
BA 74505	PASS	YES	02/08/24			BA 74545	PASS	YES	02/08/24		
BA 74506	PASS	YES	02/08/24			BA 74546	PASS	YES	02/08/24		
BA 74507	PASS	YES	02/08/24			BA 74547	PASS	YES	02/08/24		
BA 74508	PASS	YES	02/08/24			BA 74548	PASS	YES	02/08/24		
BA 74509	PASS	YES	02/08/24			BA 74549	PASS	YES	02/08/24		
BA 74510	PASS	YES	02/08/24			BA 74550	PASS	YES	02/08/24		
BA 74511	PASS	YES	02/08/24			BA 74551	PASS	YES	02/08/24		
BA 74512	PASS	YES	02/08/24			BA 74552	PASS	YES	02/08/24		
BA 74513	PASS	YES	02/08/24			BA 74553	PASS	YES	02/08/24		
BA 74514	PASS	YES	02/08/24			BA 74554	PASS	YES	02/08/24		
BA 74515	PASS	YES	02/08/24			BA 74555	PASS	YES	02/08/24		
BA 74516	PASS	YES	02/08/24			BA 74556	PASS	YES	02/08/24		
BA 74517	PASS	YES	02/08/24			BA 74557	PASS	YES	02/08/24		
BA 74518	PASS	YES	02/08/24			BA 74558	PASS	YES	02/08/24		
BA 74519	PASS	YES	02/08/24			BA 74559	PASS	YES	02/08/24		
BA 74520	PASS	YES	02/08/24			BA 74560	PASS	YES	02/08/24		
BA 74521	PASS	YES	02/08/24			BA 74561	PASS	YES	02/08/24		
BA 74522	PASS	YES	02/08/24			BA 74562	PASS	YES	02/08/24		
BA 74523	PASS	YES	02/08/24			BA 74563	PASS	YES	02/08/24		
BA 74524	PASS	YES	02/08/24			BA 74564	PASS	YES	02/08/24		

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

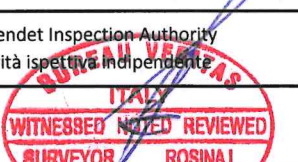
Date Data	Independent Inspection Authority Autorità Ispettiva Indipendente	General Manager Direttore generale
08/08/2024		<b>Chinese Andrea</b> C.T.S. S.p.A. Via Monsignor Fausti 33048 Chiopris-Viscone P.I. 01155920307



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 74565	PASS	YES	02/08/24	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 74605	PASS	YES	02/08/24	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 74566	PASS	YES	02/08/24			BA 74606	PASS	YES	02/08/24		
BA 74567	PASS	YES	02/08/24			BA 74607	PASS	YES	02/08/24		
BA 74568	PASS	YES	02/08/24			BA 74608	PASS	YES	02/08/24		
BA 74569	PASS	YES	02/08/24			BA 74609	PASS	YES	02/08/24		
BA 74570	PASS	YES	02/08/24			BA 74610	PASS	YES	02/08/24		
BA 74571	PASS	YES	02/08/24			BA 74611	PASS	YES	02/08/24		
BA 74572	PASS	YES	02/08/24			BA 74612	PASS	YES	02/08/24		
BA 74573	PASS	YES	02/08/24			BA 74613	PASS	YES	02/08/24		
BA 74574	PASS	YES	02/08/24			BA 74614	PASS	YES	02/08/24		
BA 74575	PASS	YES	02/08/24			BA 74615	PASS	YES	02/08/24		
BA 74576	PASS	YES	02/08/24			BA 74616	PASS	YES	02/08/24		
BA 74577	PASS	YES	02/08/24			BA 74617	PASS	YES	02/08/24		
BA 74578	PASS	YES	02/08/24			BA 74618	PASS	YES	02/08/24		
BA 74579	PASS	YES	02/08/24			BA 74619	PASS	YES	02/08/24		
BA 74580	PASS	YES	02/08/24			BA 74620	B	YES	02/08/24		
BA 74581	PASS	YES	02/08/24			BA 74621	PASS	YES	02/08/24		
BA 74582	PASS	YES	02/08/24			BA 74622	PASS	YES	02/08/24		
BA 74583	PASS	YES	02/08/24			BA 74623	PASS	YES	02/08/24		
BA 74584	PASS	YES	02/08/24			BA 74624	PASS	YES	02/08/24		
BA 74585	PASS	YES	02/08/24			BA 74625	PASS	YES	02/08/24		
BA 74586	PASS	YES	02/08/24			BA 74626	PASS	YES	02/08/24		
BA 74587	PASS	YES	02/08/24			BA 74627	PASS	YES	02/08/24		
BA 74588	PASS	YES	02/08/24			BA 74628	PASS	YES	02/08/24		
BA 74589	PASS	YES	02/08/24			BA 74629	PASS	YES	02/08/24		
BA 74590	PASS	YES	02/08/24			BA 74630	PASS	YES	02/08/24		
BA 74591	PASS	YES	02/08/24			BA 74631	PASS	YES	02/08/24		
BA 74592	PASS	YES	02/08/24			BA 74632	PASS	YES	02/08/24		
BA 74593	PASS	YES	02/08/24			BA 74633	PASS	YES	02/08/24		
BA 74594	PASS	YES	02/08/24			BA 74634	PASS	YES	02/08/24		
BA 74595	PASS	YES	02/08/24			BA 74635	PASS	YES	02/08/24		
BA 74596	PASS	YES	02/08/24			BA 74636	PASS	YES	02/08/24		
BA 74597	PASS	YES	02/08/24			BA 74637	PASS	YES	02/08/24		
BA 74598	PASS	YES	02/08/24			BA 74638	PASS	YES	02/08/24		
BA 74599	PASS	YES	02/08/24			BA 74639	PASS	YES	02/08/24		
BA 74600	PASS	YES	02/08/24			BA 74640	PASS	YES	02/08/24		
BA 74601	PASS	YES	02/08/24			BA 74641	PASS	YES	02/08/24		
BA 74602	PASS	YES	02/08/24			BA 74642	PASS	YES	02/08/24		
BA 74603	PASS	YES	02/08/24			BA 74643	PASS	YES	02/08/24		
BA 74604	PASS	YES	02/08/24			- -	-	-	X		

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 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		Chinese Andrea C.T.S. S.p.A.

Via Monsignor Faidutti  
33048 Chiopris-Viscone  
P. 0115522032