

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:	CYLINDER FOR BREATHING APPARATUS [Fully wrapped composite cylinders type 4] BOMBOLE 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)	24/1103/BA73236	Number of cylinders Numero di bombole	200
	To (al)	24/1103/BA73436		

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

04/06/2024

Signed on behalf of: Roland Tschöp – Legal Representative

By Andrei Chifor - General Manager

Via Monsignor Faidutti, 9
33048 Chiopris-Viscone (UD)
P.I. 01155920323

Finished Cylinder: Cycling Test			
Serial No	Test Pressure [bar]	No. Of Cycles	Cycle Frequency (cycle/min)
24/1092/BA73012	450	12000	8

Finished Cylinder: Bursting Test			
Serial No	Min. Burst pressure [bar]	Actual Burst Pressure [bar]	Mode of failure
24/1103/BA73274	900	1016	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 73236	PASS	YES	03/06/24	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 73257	PASS	YES	03/06/24	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 73237	PASS	YES	03/06/24			BA 73258	PASS	YES	03/06/24		
BA 73238	PASS	YES	03/06/24			BA 73259	PASS	YES	03/06/24		
BA 73239	PASS	YES	03/06/24			BA 73260	PASS	YES	03/06/24		
BA 73240	PASS	YES	03/06/24			BA 73261	PASS	YES	03/06/24		
BA 73241	PASS	YES	03/06/24			BA 73262	PASS	YES	03/06/24		
BA 73242	PASS	YES	03/06/24			BA 73263	PASS	YES	03/06/24		
BA 73243	PASS	YES	03/06/24			BA 73264	PASS	YES	03/06/24		
BA 73244	PASS	YES	03/06/24			BA 73265	PASS	YES	03/06/24		
BA 73245	PASS	YES	03/06/24			BA 73266	PASS	YES	03/06/24		
BA 73246	PASS	YES	03/06/24			BA 73267	PASS	YES	03/06/24		
BA 73247	PASS	YES	03/06/24			BA 73268	PASS	YES	03/06/24		
BA 73248	PASS	YES	03/06/24			BA 73269	PASS	YES	03/06/24		
BA 73249	PASS	YES	03/06/24			BA 73270	PASS	YES	03/06/24		
BA 73250	PASS	YES	03/06/24			BA 73271	PASS	YES	03/06/24		
BA 73251	PASS	YES	03/06/24			BA 73272	PASS	YES	03/06/24		
BA 73252	PASS	YES	03/06/24			BA 73273	PASS	YES	03/06/24		
BA 73253	PASS	YES	03/06/24			BA 73274	B	YES	03/06/24		
BA 73254	PASS	YES	03/06/24			BA 73275	PASS	YES	03/06/24		
BA 73255	PASS	YES	03/06/24			BA 73276	PASS	YES	03/06/24		
BA 73256	PASS	YES	03/06/24			BA 73277	PASS	YES	03/06/24		

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	Independet Inspection Authority	General Manager
04/06/2024	Autorità ispettiva indipendente ITALY WITNESSED NOTED REVIEWED SURVEYOR ROSINAL DATE 04 JUN 2024	Direttore generale C.T.S. S.p.A. Via Mons. Faidutti, 9 33048 Chiopris-Viscone (UD) P.I. 01155920323

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 73278	PASS	YES	03/06/24	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 73318	PASS	YES	03/06/24	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 73279	PASS	YES	03/06/24			BA 73319	PASS	YES	03/06/24		
BA 73280	PASS	YES	03/06/24			BA 73320	PASS	YES	03/06/24		
BA 73281	PASS	YES	03/06/24			BA 73321	PASS	YES	03/06/24		
BA 73282	PASS	YES	03/06/24			BA 73322	PASS	YES	03/06/24		
BA 73283	PASS	YES	03/06/24			BA 73323	PASS	YES	03/06/24		
BA 73284	PASS	YES	03/06/24			BA 73324	PASS	YES	03/06/24		
BA 73285	PASS	YES	03/06/24			BA 73325	PASS	YES	03/06/24		
BA 73286	PASS	YES	03/06/24			BA 73326	PASS	YES	03/06/24		
BA 73287	PASS	YES	03/06/24			BA 73327	PASS	YES	03/06/24		
BA 73288	PASS	YES	03/06/24			BA 73328	PASS	YES	03/06/24		
BA 73289	PASS	YES	03/06/24			BA 73329	PASS	YES	03/06/24		
BA 73290	PASS	YES	03/06/24			BA 73330	PASS	YES	03/06/24		
BA 73291	PASS	YES	03/06/24			BA 73331	PASS	YES	03/06/24		
BA 73292	PASS	YES	03/06/24			BA 73332	PASS	YES	03/06/24		
BA 73293	PASS	YES	03/06/24			BA 73333	PASS	YES	03/06/24		
BA 73294	PASS	YES	03/06/24			BA 73334	PASS	YES	03/06/24		
BA 73295	PASS	YES	03/06/24			BA 73335	PASS	YES	03/06/24		
BA 73296	PASS	YES	03/06/24			BA 73336	PASS	YES	03/06/24		
BA 73297	PASS	YES	03/06/24			BA 73337	PASS	YES	03/06/24		
BA 73298	PASS	YES	03/06/24			BA 73338	PASS	YES	03/06/24		
BA 73299	PASS	YES	03/06/24			BA 73339	PASS	YES	03/06/24		
BA 73300	PASS	YES	03/06/24			BA 73340	PASS	YES	03/06/24		
BA 73301	PASS	YES	03/06/24			BA 73341	PASS	YES	03/06/24		
BA 73302	PASS	YES	03/06/24			BA 73342	PASS	YES	03/06/24		
BA 73303	PASS	YES	03/06/24			BA 73343	PASS	YES	03/06/24		
BA 73304	PASS	YES	03/06/24			BA 73344	PASS	YES	03/06/24		
BA 73305	PASS	YES	03/06/24			BA 73345	PASS	YES	03/06/24		
BA 73306	PASS	YES	03/06/24			BA 73346	PASS	YES	03/06/24		
BA 73307	PASS	YES	03/06/24			BA 73347	PASS	YES	03/06/24		
BA 73308	PASS	YES	03/06/24			BA 73348	PASS	YES	03/06/24		
BA 73309	PASS	YES	03/06/24			BA 73349	PASS	YES	03/06/24		
BA 73310	PASS	YES	03/06/24			BA 73350	PASS	YES	03/06/24		
BA 73311	PASS	YES	03/06/24			BA 73351	PASS	YES	03/06/24		
BA 73312	PASS	YES	03/06/24			BA 73352	PASS	YES	03/06/24		
BA 73313	PASS	YES	03/06/24			BA 73353	PASS	YES	03/06/24		
BA 73314	PASS	YES	03/06/24			BA 73354	PASS	YES	03/06/24		
BA 73315	PASS	YES	03/06/24			BA 73355	PASS	YES	03/06/24		
BA 73316	PASS	YES	03/06/24			BA 73356	PASS	YES	03/06/24		
BA 73317	PASS	YES	03/06/24			BA 73357	PASS	YES	03/06/24		

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	Independet Inspection Authority Autorità ispettiva indipendente	General Manager Direttore generale
04/06/2024		 Via Monsignor Faidutti, 9 33048 Chiopris-Viscone (UD) P.I. 01155920323

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 73358	PASS	YES	03/06/24	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 73398	PASS	YES	03/06/24	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 73359	PASS	YES	03/06/24			BA 73399	PASS	YES	03/06/24		
BA 73360	PASS	YES	03/06/24			BA 73400	PASS	YES	03/06/24		
BA 73361	PASS	YES	03/06/24			BA 73401	PASS	YES	03/06/24		
BA 73362	PASS	YES	03/06/24			BA 73402	PASS	YES	03/06/24		
BA 73363	PASS	YES	03/06/24			BA 73403	PASS	YES	03/06/24		
BA 73364	PASS	YES	03/06/24			BA 73404	PASS	YES	03/06/24		
BA 73365	PASS	YES	03/06/24			BA 73405	PASS	YES	03/06/24		
BA 73366	PASS	YES	03/06/24			BA 73406	PASS	YES	03/06/24		
BA 73367	PASS	YES	03/06/24			BA 73407	PASS	YES	03/06/24		
BA 73368	PASS	YES	03/06/24			BA 73408	PASS	YES	03/06/24		
BA 73369	PASS	YES	03/06/24			BA 73409	PASS	YES	03/06/24		
BA 73370	PASS	YES	03/06/24			BA 73410	PASS	YES	03/06/24		
BA 73371	PASS	YES	03/06/24			BA 73411	PASS	YES	03/06/24		
BA 73372	PASS	YES	03/06/24			BA 73412	PASS	YES	03/06/24		
BA 73373	PASS	YES	03/06/24			BA 73413	PASS	YES	03/06/24		
BA 73374	PASS	YES	03/06/24			BA 73414	PASS	YES	03/06/24		
BA 73375	PASS	YES	03/06/24			BA 73415	PASS	YES	03/06/24		
BA 73376	PASS	YES	03/06/24			BA 73416	PASS	YES	03/06/24		
BA 73377	PASS	YES	03/06/24			BA 73417	PASS	YES	03/06/24		
BA 73378	PASS	YES	03/06/24			BA 73418	PASS	YES	03/06/24		
BA 73379	PASS	YES	03/06/24			BA 73419	PASS	YES	03/06/24		
BA 73380	PASS	YES	03/06/24			BA 73420	PASS	YES	03/06/24		
BA 73381	PASS	YES	03/06/24			BA 73421	PASS	YES	03/06/24		
BA 73382	PASS	YES	03/06/24			BA 73422	PASS	YES	03/06/24		
BA 73383	PASS	YES	03/06/24			BA 73423	PASS	YES	03/06/24		
BA 73384	PASS	YES	03/06/24			BA 73424	PASS	YES	03/06/24		
BA 73385	PASS	YES	03/06/24			BA 73425	PASS	YES	03/06/24		
BA 73386	PASS	YES	03/06/24			BA 73426	PASS	YES	03/06/24		
BA 73387	PASS	YES	03/06/24			BA 73427	PASS	YES	03/06/24		
BA 73388	PASS	YES	03/06/24			BA 73428	PASS	YES	03/06/24		
BA 73389	PASS	YES	03/06/24			BA 73429	PASS	YES	03/06/24		
BA 73390	PASS	YES	03/06/24			BA 73430	PASS	YES	03/06/24		
BA 73391	PASS	YES	03/06/24			BA 73431	PASS	YES	03/06/24		
BA 73392	PASS	YES	03/06/24			BA 73432	PASS	YES	03/06/24		
BA 73393	PASS	YES	03/06/24			BA 73433	PASS	YES	03/06/24		
BA 73394	PASS	YES	03/06/24			BA 73434	PASS	YES	03/06/24		
BA 73395	PASS	YES	03/06/24			BA 73435	PASS	YES	03/06/24		
BA 73396	PASS	YES	03/06/24			BA 73436	PASS	YES	03/06/24		
BA 73397	PASS	YES	03/06/24			-	-	-	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 C.T.S. S.p.A.
04/06/2024		Via Monsignor Faidutti, 9 33048 Chiopris-Viscone (UD) PI 01155920323