



Date :09/01/2023

CERTIFICATE OF COMPLIANCE

This certificate of compliance validates the following			
TEST REPORT NUMBER 'Assessment Reports' are not acceptable	212109-AU01	CERTIFICATE NUMBER	S322014
DATE OF ISSUE	09/05/2022	DATE OF ISSUE	17/06/2022
DATE OF EXPIRY	unlimited	DATE OF EXPIRY	16/06/2026

Manufacturer details			
NAME OF FACTORY/ MANUFACTURER	Bettati Antincendio srl	NAME OF THE BRAND	Bettati Antincendio
FACTORY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY)	Via Disraeli 8 42124 Reggio Emilia Italy	MODEL / NO	Bettati CP System 200/300 bar IG100-IG01-IG55-IG541
WEBSITE	www.bettatiantincendio.it	LOGO ON THE PRODUCT	
TEL	+39 0522369711	EMAIL	info@bettatiantincendio.it



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Product Details From Test Report		Reference Test Report page NO
DESCRIPTION OF THE PRODUCT (TECHNICAL DETAILS FROM TEST REPORT, SUCH AS ACTUAL FIRE RATINGS/DIMENSIONS/THICKNESS/ SENSITIVITY ETC)	"Bettati CP System 200/300 bar" is a fire extinguishing system using the following inert gas: IG100 (pure Nitrogen), IG01 (pure argon) and their blend IG55 and IG541.	Test report No 212109-AU01 Page 3
TEST STANDARD (SUCH AS ASTM/BS EN/ DN ETC)	<p>VdS 2454 VdS Guidelines for Gas Extinguishing Systems, Test methods and requirements</p> <p>Test of the technical documentation for completeness</p> <p>Test of the technical documentation for sufficient information</p> <p>Test of the use of approved components</p> <p>Test of the technical compatibility of the used components</p> <p>Test of the design of extinguishing systems</p> <p>Test of the fluidic parameter</p> <p>Test of the system delay</p> <p>Test of the power supply</p> <p>Test of the test facilities</p> <p>Test of the actuation by electrical control devices</p>	<p>Page 5</p> <p>Page 6</p> <p>Page 7</p> <p>Page 7</p> <p>Page 8</p> <p>Page 9</p> <p>Page 9</p> <p>Page 10</p> <p>Page 10</p> <p>Page 11</p>
TEST DESCRIPTION	Complete type test according to the listed standard	
SPECIFICATION OF TEST SPECIMEN	<p>V30011100 High pressure container valve</p> <p>V30031100 High pressure container valve</p> <p>MCDxxxxxx Hose</p> <p>MGCDE0050 Discharge flexible hose</p> <p>VNR310000 check valve</p> <p>Nx0VxQ000 nozzle</p> <p>H1A11x00y Cylinder</p>	Enclosure 1 page 1-2



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	<p>L4Axnmy00 Fixing brackets A002X0200 Bleeder valve L1mnxNAx0 Manifold L312BNCV0 fitting elbow L312BNCW0 fitting tee L320BNCM0 fitting tee A001X0003 nipple adaptor L4BxY0000 fixing brackets for manifold Ax21X0000 pipeline pressure switch A005I2000 Pylot cylinder H1A1IB000 5L cylinder L4AB01A00 5L Cylinderfixing brackets</p>	
<p>TEST RESULT (SUCH AS PASSED CRITERIA ___/ COMPLIED TO ___/ DURATION ___/OBSERVATION ___/ETC)</p>	<p>All relevant tests passed</p>	<p>Page no 11</p>
<p>PRODUCT APPLICATION GUIDELINE (END USE) (CLEARLY STATE THE END USE WITH SPECIFIC APPLICATION, SUCH AS EXACT FIRE RATING/TO BE INSTALLED IN ___/TO BE INSTALLED AT ___/TO BE CONNECTED WITH ___/TO BE INSTALLED WITH ___ ETC ALONG WITH ANY WARNINGS SUCH AS NOT TO BE USED IN ___/NOT TO BE INSTALLED AT ___/ NOT TO BE INSTALLED WITH ___ ETC.</p>	<p>“Bettati CP system 200/300 bar IG100, IG01, IG55, IG541” is a total flooding extinguishing system using one of the following inert gases as firefighting agents: IG 01 (Argon), IG100 (nitrogen), IG55 (blend Argon 50% and Nitrogen 50%) and IG541 (blend Nitrogen 50%, Argon 42% and Carbon dioxide 8%). These agents have been evaluated in respect to environmental aspects by internationally recognized approval institution and are accepted for use in normally occupied areas, provided that minimum safety precautions later described are adopted.</p> <p>The systems may consist of several agent containers, modularised or manifolded together and connected by means of a pipe network to a number of discharge nozzles. Systems are activated electrically or mechanically. Electrical activation can occur automatically by means of a fire detection system.</p> <p>Total flooding fire extinguishing systems are used primarily to protect against hazard that are in enclosures or equipment that are completely enclosed. Typical hazards include the following:</p> <ul style="list-style-type: none"> • Electrical and electronic hazards • Telecommunications facilities • Storage Rooms (including flammable liquids and gases) • Subfloors and other concealed spaces • High value assets (e.g. where the associated down-time would be costly). 	



Laboratory and Certification body details			
NAME OF CERTIFICATION BODY	VdS Schadenverhütung GmbH	NAME OF TEST FACILITY	VdS Schadenverhütung GmbH
CERTIFICATION BODY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY)	Amsterdamer Str. 174 50735 Cologne Germany	TEST FACILITY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY)	Amsterdamer Str. 174 50735 Cologne Germany
WEBSITE	www.vds.de	WEBSITE	www.vds.de
TEL	+49 221 7766 0	TEL	+49 221 7766 0
EMAIL	Cs-fire@vds.de	EMAIL	Cs-fire@vds.de
ACCREDITED BY (NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE CERTIFICATION BODY, ALONG WITH WEBSITE)	DAkKS www.dakks.de	ACCREDITED BY (NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE LABORATORY, ALONG WITH WEBSITE)	DAkKS www.dakks.de
AS PER (STANDARD TO WHICH THE CERTIFICATION BODY IS ACCREDITED TO)	DIN EN ISO 17065	AS PER (STANDARD TO WHICH YOUR ORGANIZATION IS ACCREDITED TO)	DIN EN ISO 17025
VALIDITY (EXPIRY DATE OF CERTIFICATION BODY ACCREDITATION)	unlimited	VALIDITY (EXPIRY DATE OF LABORATORY ACCREDITATION)	unlimited
REFERENCE NUMBER: (CERTIFICATION BODY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)	D-ZE-11149-01-01	REFERENCE NUMBER: (THE LABORATORY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)	D-PL-11149-01-00
CERTIFICATION MARK			

(ENDORSEMENT) TO BE SIGNED BY MANUFACTURER			
NAME OF MANUFACTURER'S SIGNATORY	Bettati Antincendio srl	SIGNATURE	
EMAIL / TEL	info@bettatiantincendio.it +39 0522369711	FACTORY OFFICIAL SEAL	BETTATI ANTINCENDIO srl Via B. Disraeli, 8 - 42100 REGGIO E. Tel. 0522 369711 - Fax 0522 791052 Partita IVA 01979170362
NOTES: I Undertake that all data and information provided are genuine and accurate			



(ENDORSEMENT) TO BE SIGNED BY CERTIFICATION BODY			
NAME OF CERTIFICATION BODY SIGNATORY	Martin Hesels VdS Schadenverhütung	SIGNATURE	
EMAIL / TEL	mhesels@vds.de +49 (0) 221 7766 417	CERTIFICATION BODY OFFICIAL SEAL	VdS SCHADENVERHÜTUNG GmbH Zertifizierungsstelle Amsterdamer Str. 172 50735 Köln
NOTES: I Undertake that all data and information provided are genuine and accurate			

ATTACHMENTS:

Copy of Certificate:

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