

Test Report

Flammability

Lab Report number: **17_0314**

Revision: A




CoLT Prüf und Test GmbH
Breitenaich 52
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Austria

	Name name	Position position	Datum date	Unterschrift signature
Revidiert von revised by	Dominik Maderegger	TL Laboratory Technician	01.02.2017	<i>Dominik Maderegger</i>
Geprüft von checked by	Sandra Leitner	TL Laboratory Technician	1.2.2017	<i>Sandra Leitner</i>
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RECORD OF REVISIONS

Revision	Date	Effect on Page	Reasons For Revision
NC	31.01.2017	-	Original Release
A	01.02.2017	3 - 6	Issue changed into Revision, Translated from German to English, added exact testing paragraph


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TESTING PARAMETERS

Testing device:	<ul style="list-style-type: none"> - Test cabinet - Teclu burner with needle valve and $9,5 \pm 0,1$ mm inside diameter barrel - Burner fuel: bottled methane gas of 99,5% purity - Timer, calibrated, graduated to nearest 0,1 s - Ruler, graduated to the nearest 1 mm - Thermometer with thermocouple type K - Climate chamber, manufacturer Memmert, model HPP 108
Software:	N/A

Test method:	FAR Part 25 §25.853
Work instruction:	F 001 01


Date of sample receipt:	26.01.2017
Number of test samples:	16
Investigated samples:	SACS-XBAG

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Comments and total number of pages

Total page number of test report:	9
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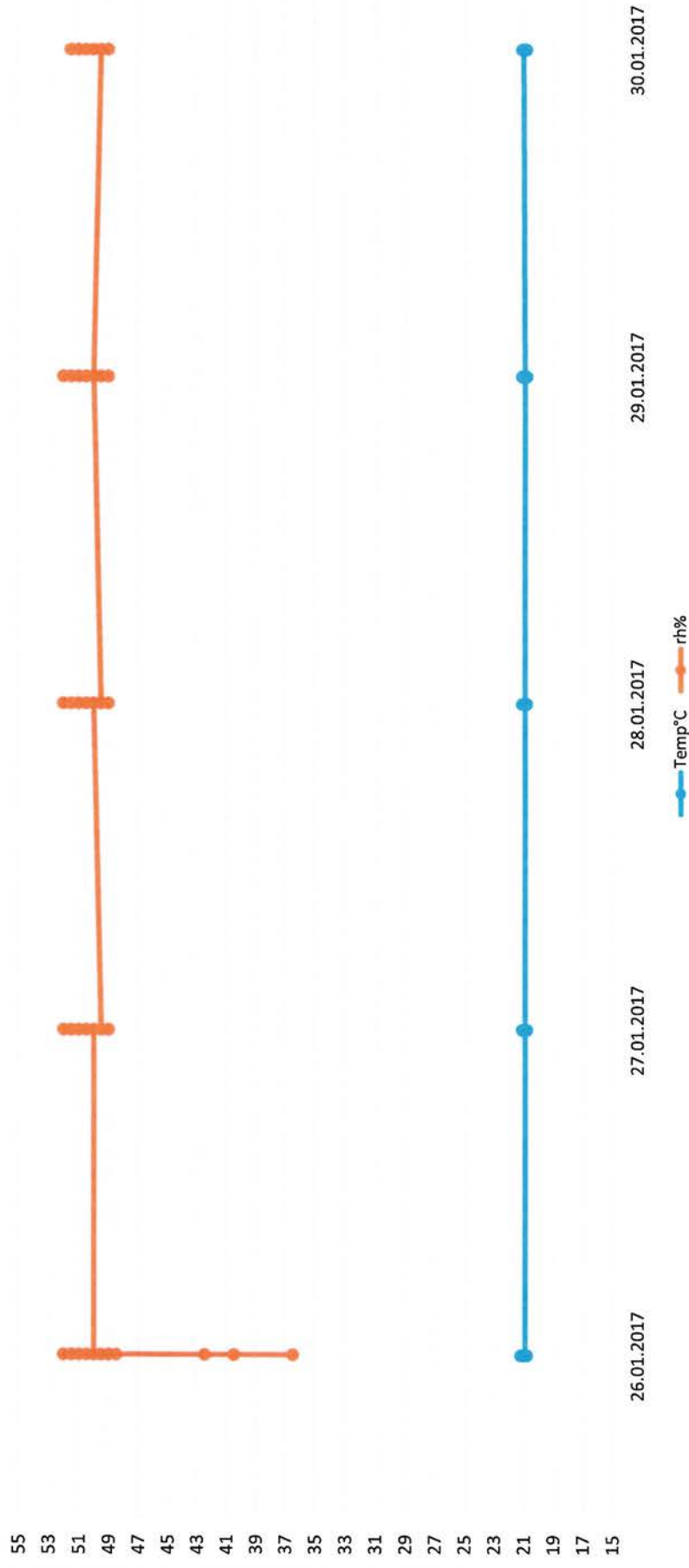
Comments:	<ul style="list-style-type: none"> - Conditioning of 24 h (App. A) - Identification of samples done by customer - Tests were carried out acc. to norm App.F to part 25, §(b) Test Procedures Z4 - Testing of samples 1–10 performed acc. to norm and testing of samples 11-13 / 16-18 performed acc. to customer request - Witnesser customer: Knechtl Thomas - Dimensions of the burning length of samples 1-10 (Tests acc. to Norm) were measured by Sieber Alexander - Dimensions of the burning length of samples 11-13 / 16-18 (Tests deviating acc. to Norm) were measured by customer (Knechtl Thomas)
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APPENDIX

Appendix A	Conditioning process
Appendix B	Pictures test procedure
Appendix C	Test results

Appendix A
Conditioning Lab_Report 17_0314
26.01.2017 12:00 hour bis 30.01.2017 10:15 hour



Appendix B:

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Test procedure acc. to Norm:



Test procedure acc. to customer request:



Appendix C - Flammability

Lab Report No: 17_0314

Orderer: Knechtl Thomas

Tested material/part description: SACS-XBAG	
Serial/Lot Number: N/A	
Test norm/specification: 14 CFR §25.853 App. F Part (I)	
Conditioning: Temperature 21°C; Humidity 50%	
Date of cond.: 26.01.2017 - 30.01.2017	

Sample Description	Length [mm]	Width [mm]	Thickness [mm]	Test Method	Burn Length ["]	Time Flame Extinguishes [s]	Time Drip Extinguishes [s]	Passed / Failed
SACS-XBAG 01	305	75	-	60s vertical	47	0	0 N.D.	Passed
SACS-XBAG 02	305	75	-	60s vertical	52	0	0 N.D.	Passed
SACS-XBAG 03	305	75	-	60s vertical	55	0	0 N.D.	Passed
SACS-XBAG 04	305	75	-	60s vertical	50	0	0 N.D.	Passed
SACS-XBAG 05	305	75	-	60s vertical	54	0	0 N.D.	Passed
SACS-XBAG 06	305	75	-	60s vertical	54	0	0 N.D.	Passed
SACS-XBAG 07	305	75	-	60s vertical	56	0	0 N.D.	Passed
SACS-XBAG 08	305	75	-	60s vertical	54	0	0 N.D.	Passed
SACS-XBAG 09	305	75	-	60s vertical	57	0	0 N.D.	Passed
SACS-XBAG 10	305	75	-	60s vertical	53	0	0 N.D.	Passed
Vorderseite_SACS-XBAG 11	305	75	-	60s vertical	52/58	0	0 N.D.	Passed
Vorderseite_SACS-XBAG 12	305	75	-	60s vertical	48/45	0	0 N.D.	Passed
Vorderseite_SACS-XBAG 13	305	75	-	60s vertical	45/38	0	0 N.D.	Passed
SACS-XBAG 14	305	75	-	60s vertical	-	-	-	not tested
SACS-XBAG 15	305	75	-	60s vertical	-	-	-	not tested
Innenseite_SACS-XBAG 16	305	75	-	60s vertical	25/25	0	0 N.D.	Passed
Innenseite_SACS-XBAG 17	305	75	-	60s vertical	28/28	0	0 N.D.	Passed
Innenseite_SACS-XBAG 18	305	75	-	60s vertical	27/28	0	0 N.D.	Passed
SACS-XBAG 19	305	75	-	60s vertical	-	-	-	not tested
SACS-XBAG 20	305	75	-	60s vertical	-	-	-	not tested



Examiner: Sieber Alexander

Prepared: Maderegger Dominik

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