

Third Party Inspection Report

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INSPECTION REPORT Nr INS/SD&HN-17/543		Revision Nr 0
☐ Initial ☐ Interim ☐ Final ☐ Resident		
Inspection requested by: (BV CO Final Client): Shandong Nanhai Airl	bag Engineering Co., Ltd.	
Inspection performed as Recognised Authority:	es, :(Recognition)	□ No
BV Job Nr. (unique identifier from PCM – to be completed by BV Office	ce) INS/SD&HN-17/543	
Project: TPI for Airbag	IPO Ref (If applicable): N/A	
	(BV internal P/o)	
BV Client: Shandong Nanhai Airbag Engineering Co., Ltd.	P/o nr:INS/SD&HN-17/543	
	(client to BV)	
Manufacturer/Vendor: Shandong Nanhai Airbag Engineering		
Co., Ltd.	(client to Manufacturer)	
Sub-Vendor (If applicable): N/A		
Inspection Location: Zhangqiu County, Jinan, China.	Previous Inspection (If app	olicable):
	(Date)	
Inspection performed on: Nov.22 nd , 2017	Next Inspection (If applical	ble):
	(Date) N/A	
	,	

MATERIAL / SUBJECT OF INSPECTION	ITEM / TAG Nr	QTY	QTY
☐ Refer to attachment section J instead (Indicate if separate material list is provided in attachment)		As per P/O	Offered for inspectio n
Airbag	2.5mD*24mL	14pcs	2pcs

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Satisfactory	 Satisfactory with comment 	nts
(Without comments)	(Any of trailing Punch or Non Citems is still open)	onformity (NCR raised during th inspection)
Inspection Summary: (for details refer to section E)	
BV inspector inspected the	Airbag listed above, the final inspec	ction result is satisfactory.
Open Non Conformities:	Yes, details in section G	⊠ No
Open Punch List Items:	Yes, details in section H	⊠ No
Release Note Issued:	Yes, number(s): (Release No	te number) No
BV Stamping:	☐ Yes, ∰ ☐ Yes, d	<u>∠</u> No
On behalf of Bureau Verita	is On	behalf of Bureau Veritas
BV Inspector: Ziming	Zhao BN	Coordinator:Yizheng Guo
(Name and Signature)	(No	ame and Signature) Thinking Cours
BV Office:	Ins	spection Report Date: Nov.22 nd , 2017
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☑ CLIENT BV MANUFACTURER Yes, details in section J ☑ No ☐ OTHER: B - REFERENCE DOCUMENTATION: ☐ Refer to attachment section J instead (Indicate if separate document list is provided in attachment) Title Reference n° Rev. Approval status Approved by Status Date PO (client to BV) INS/SD&HN-17/543 1 Approved YDST and BV 2017-11-17 C - ATTENDEES Name Position Representing Kai Jiang inspector BV Mr.Wang manager Shandong Nanhai Airbag	CLIENT BV MANUFACTURER OTHER:	Distribution:		Attach	ments Repor	t:	
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Equipment Type	Equipment Identity n°	Last Calibration Date	Expiry Date
Vernier caliper	1403024	2017-02-25	2018-02-24
Steel tape	1	2017-09-22	2018-03-21
Hardness tester	92752	2017-09-13	2018-09-12
Tensile testing machine	2013-01113	2017-02-18	2018-02-17
Pressure gauge	4385	2017-09-07	2018-03-06
Pressure gauge	4335	2017-09-07	2018-03-06

E - INSPECTION DETAILS

Description of the inspections carried out:

> Manufacturing Progress Status

All Airbags were ready for inspection when BV inspector arrived at the factory, Nov 22nd, 2017.

- > Details of inspection activities carried out with reference to ITP (Each activity elaborated in detail)
- 1. Visual inspection and dimensional inspection

BV inspector carried out visual inspection for Airbag. There was no defects were found on the surface.

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BV inspector carried out dimensional inspection according to drawing when the inner pressure was 1.2 Mpa, including length and diameters for Airbags. The result complied with drawing and ISO14409. Details were as follows:

Type	Diameter(mm)	Length(mm)	Result
.,,,,	2500(+3%,-3%)	24000(+3%,-3%)	
	2552	24588	Pass
2.5mD*24mL	2551	24512.5	Pass

2. Witness air tightness test

BV inspector witnessed air tightness test. The Airbag was filled with air and the pressure was 1.2 Mpa, the duration was 1hour, and during test period, no leakage was found and the pressure didn't get down. So the result was acceptable.

3. Witness rubber material test

The test specimens were ready for inspection when BV inspector arrived, BV inspector witnessed rubber material test only, including tensile strength/elongation, hardness test and tear test. The result was acceptable. Details see below table.

	Test Item	Required Value	Test Result	Testing Method
	Hardness(Shore A)	60±10	-58	ISO7619-1:2010, type A durometer
Rubber	Tensile Strength (Mpa)	≥18	20.43	ISO37:2011, type1
	Elongation at break (%)	≥400	569.30	ISO37:2011, type1
	Tear Resistance(N/cm)	≥400	863.5	ISO34-1:2010, method B

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4. Witness Synthetic-tyre-cord test

The test specimens were ready for inspection when BV inspector arrived, BV inspector witnessed Synthetic-tyre-cordl test only, including tensile strength, Diameter and Density. The result was acceptable. Details see below table.

	Test Item	Required Value	Test Result	Testing Method
	Tensile Strength (N)	≥205	317.75	
Synthetic- tyre-cord	Diameter (mm)	0.78±0.04	0.78	GB/T9102
	Density(PCS/100mm)	90±5	90	

F	- HE	HTI	SAFFTY &	ENVIRONMENT	COMMENTS

(Comment on Observations and Actions Taken During the Inspection)

Enter the workshop, wear safety helmet and breathing mask, wear eye protector.

G- NC	N CONFORMITIES						
					☐ Refer to at	ttachment	section J instead
				(Indicate if	separate punch	list is provid	ded in attachment)
Item	Description	Status	Raised on	Report	Closed on	Report Nr.	Comments

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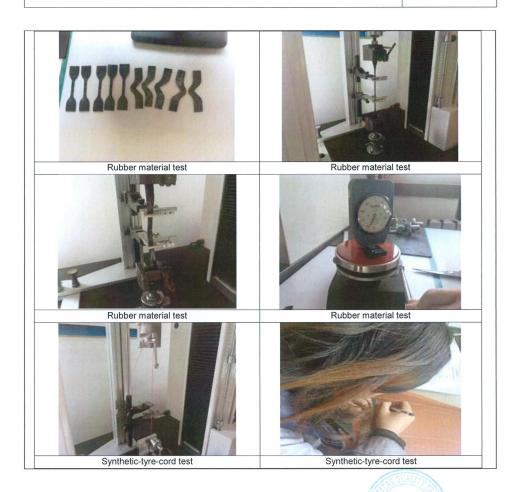
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