CE CONFORMITY

Nº de reporte: SHBST16050061128262YSR-2
Concepto: Conformidad CE para Equipos de taller
Producto: Carrete de manguera de aire
Articulo nombrado por el fabricante: ZYA03-Q10

Distribuido por: JBM Campllong, S.L.
Dirección: CIM La Selva – Crta. Aeroport Km 1.6 Nave 2.2, 17185 Vilobí d'Onyar
CIF: B17419292

Articulo nombrado por el distribuidor: 53881-53882
Fuente: Aire
Conformidad con la Directiva 2006/42/EC
Estándares: EN ISO 12100:2011

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CIM LA SELVA - Ctra. de l'Aeroport Km. 1,6 Nau 2.2
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CE MD REPORT

Prepared For :	
Product Name:	AUTO AIR HOSE REEL
Trade Name:	N/A
Model :	ZYA03-Q15, ZYA03-Q30, ZYA03-Q20, ZYA03—Q10, ZYA02-Q10, ZYA05-Q10, ZYF-Q10
Prepared By :	Shenzhen BST Technology Co., Ltd. Building No.23-24, Zhiheng Industrial Park, Guankouer Road, Nantou, Nanshan District, Shenzhen, Guangdong, China
Test Date:	May 23, 2015 –May 26, 2016
Date of Report :	May 27, 2016
Report No.:	SHBST16050061128262YSR-2

TEST REPORT

EN ISO 12100:2011

Safety of machinery- General principles for design

- Risk assessment and risk reduction

Testing Laboratory Name .....:	Shenzhen BST Technology Co., Ltd.
Address .....:	Building No.23-24, Zhiheng Industrial Park, Guankouer Road, Nantou, Nanshan District, Shenzhen, Guangdong, China
Testing location .....:	Shenzhen BST Technology Co., Ltd.
Applicant's Name .....:	
Address .....:	
Test specification	
Standard .....:	EN ISO 12100:2011
Test procedure .....:	EN ISO 12100:2011
Non-standard test method .....:	N.A.
Test item description .....:	AUTO AIR HOSE REEL
Model and/or type reference .....:	ZYA03-Q15, ZYA03-Q30, ZYA03-Q20, ZYA03—Q10, ZYA02-Q10, ZYA05-Q10, ZYF-Q10
Rating(s) .....:	N/A
Manufacturer .....:	
Address .....:	

General remarks
This test report shall not be reproduced except in full without the written approval of the testing laboratory.
The test results presented in this report relate only to the item tested.
"(see remark #)" refers to a remark appended to the report.
"(see appended table)" refers to a table appended to the report.
Throughout this report a comma is used as the decimal separator.
Type characteristics:
Models:
The detail characteristics refer to instruction manual(s).
AUTO HOSE REEL

Copy of marking plate:

AUTO AIR HOSE REEL
Model: ZYA03-Q15

ZHEJIANG ZHONGYOU INDUSTRY & TRADE CO.,LTD.

Prepared by : Neil Lin
Engineer

Reviewer :
Supervisor

Approved & Authorized Signer : Christina
Christina / Manager

No.	Sub-clause of EN 12100:2011	Origin	Potential Consequencs	Hazardous Situation	Risk Estimation	Risk Reduction and Protective Measures
1. Mechanical						
1.1	6.2.2.1	- acceleration, deceleration; - angular parts; - approach of a moving element to a fixed part; - cutting parts; - elastic elements; - falling objects; - high pressure; - instability; - moving elements; - rotating elements; - rough, slippery surface; - sharp edges;	Being run over	Not applicable	-	-
1.2	6.2.2.2		Being thrown	Not applicable	-	-
1.3	6.2.3 a) 6.2.3 b) 6.2.6 6.2.10 6.3.1 6.3.2 6.3.3 6.3.5.2 6.3.5.4 6.3.5.5 6.3.5.6 6.4.1 6.4.3 6.4.4 6.4.5		Crushing	1. when machine is running	Se 2, Fr 1, Pr, 2, Av 2, Cl 5	- Adopt appropriate design; - Adopt appropriate fixed guard
1.4			Cutting or severing	Not applicable	-	-
1.5			Drawing in or trapping	1. when machine is running	Se 2, Fr 1, Pr, 2, Av 2, Cl 5	- Adopt appropriate design; - Adopt appropriate fixed guard - Warning Sign
1.6			Entanglement	Not applicable	-	-
1.7			Friction or abrasion	Not applicable	-	-
1.8			Impact	Not applicable	-	-
1.9			Injection	Not applicable	-	-
1.10			Shearing	1. when machine is running	Se 2, Fr 1, Pr, 2, Av 2, Cl 5	- Adopt appropriate design; - Adopt appropriate fixed guard - Warning Sign
1.11			Slip, trip and fall of person	Not applicable	-	-
1.12			Stabbing or puncture	Not applicable	-	-
1.13			Suffocation	Not applicable	-	-

No.	Sub-clause of EN 12100:2011	Origin	Potential Consequencs	Hazardous Situation	Risk Estimation	Risk Reduction and Protective Measures
2. Electrical						
2.1	6.2.9 6.3.2 6.3.3.2 6.3.5.4 6.4.4 6.4.5	- electromagnetic phenomena; - live parts; - not enough distance to live parts under high voltage; - overload; - short-circuit	Burn	Not applicable	-	-
2.2			Electrocution	Not applicable	-	-
2.3			Falling, being thrown	Not applicable	-	-
2.4			Fire	Not applicable	-	-
2.5			Shock	1. when machine is running	Se 2, Fr 1, Pr 2, Av 2, Cl 5	- Adopt appropriate design; - Adopt appropriate fixed guard - Warning Sign

No.	Sub-clause of EN 12100: 2011	Origin	Potential Consequencs	Hazardous Situation	Risk Estimation	Risk Reduction and Protective Measures
3. Thermal						
3.1	6.2.4 b) 6.2.8 c) 6.3.2.7 6.3.3.2.1 6.3.4.5	- explosion; - flame; - objects or materials with a high or low temperature;.	Burn	1. when machine running	Se 2, Fr 1, Pr 2, Av 2, Cl 5	- Adopt appropriate design; - Adopt appropriate fixed guard
3.2			Dehydration;	Not applicable	-	-
3.3			Discomfort;	Not applicable	-	-

No.	Sub-clause of EN 12100: 2011	Origin	Potential Consequencs	Hazardous Situation	Risk Estimation	Risk Reduction and Protective Measures
4. Noise						
4.1	6.2.2.2 6.2.3 c) 6.2.4 c) 6.2.8 c)	- cavitation phenomena; - exhausting system;	Discomfort	Not applicable	-	-
4.2			Loss of awareness	Not applicable	-	-

4.4	6.3.1 6.3.2.1 b) 6.3.2.5.1 6.3.3.2.1 6.3.4.2 6.4.3 6.4.5.1 b) and c)	- gas leaking at high speed; - manufacturing process (stamping, cutting, etc.); - moving parts; - scraping surfaces; - unbalanced rotating parts; - whistling pneumatics; - worn parts.	Permanent hear loss	Not applicable	-	-
4.5			Stress	Not applicable	-	-
4.6			Tinnitus	Not applicable	-	-
4.7			Tiredness	Not applicable	-	-
			Any other (for example, mechanical, electrical) as a consequence of an interference with speech communication or with acoustic	1. when machine is running	-	-

No.	Sub-clause of EN 12100: 2011	Origin	Potential Consequencs	Hazardous Situation	Risk Estimation	Risk Reduction and Protective Measures
5. Vibration						
5.1	6.2.2.2 6.2.3 c) 6.2.8 c) 6.3.3.2.1 6.3.4.3 6.4.5.1 c)	- cavitation phenomena; - misalignment of moving parts; - mobile equipment; - scraping surfaces; - unbalanced rotating parts; - vibrating equipment; - worn parts.	Discomfort	Not applicable	-	-
5.2			Low-back morbidity	Not applicable	-	-
5.3			Neurological disorder	Not applicable	-	-
5.4			Osteo-articular	Not applicable	-	-
5.5			Trauma of the spine	Not applicable	-	-
5.6			Vascular disorder	Not applicable	-	-

No.	Sub-clause of EN 12100: 2011	Origin	Potential Consequencs	Hazardous Situation	Risk Estimation	Risk Reduction and Protective Measures
6. Radiation						
6.1	6.2.2.2 6.2.3 c) 6.3.3.2.1 6.3.4.5 6.4.5.1 c)	- ionizing radiation source; - low frequency electromagnetic radiation; - optical radiation (infrared, visible and ultraviolet), including laser; - radio frequency electromagnetic radiation.	Burn	Not applicable	-	-
6.2			Damage to eyes and	Not applicable	-	-
6.3			Effects on reproductive	Not applicable	-	-
6.4			Genetic mutation	Not applicable	-	-
6.5			Headache, insomnia,	Not applicable	-	-

No.	Sub-clause of EN 12100: 2011	Origin	Potential Consequencs	Hazardous Situation	Risk Estimation	Risk Reduction and Protective Measures
7.Material/ substance hazards						
7.1	6.2.2.2 6.2.3 b) 6.2.3 c) 6.2.4 a) 6.2.4 b) 6.3.1 6.3.3.2.1 6.3.4.4 6.4.5.1 c) 6.4.5.1 g)	- aerosol; - biological and microbiologic al (viral or bacterial) agent; - combustible; - dust; - explosive; - fibre; - flammable; - fluid; - fume; - oxidizer.	Breathing difficulties, suffocation	Not applicable	-	-
7.2			Cancer	Not applicable	-	-
7.3			Corrosion	Not applicable	-	-
7.4			Effects on reproductive	Not applicable	-	-
7.5			Explosion	Not applicable	-	-
7.6			Fire	Not applicable	-	-
7.7			Infection	Not applicable	-	-
7.8			Mutation	Not applicable	-	-
7.9			Poisoning	Not applicable	-	-
7.10			Sensitization	Not applicable	-	-

No.	Sub-clause of EN 12100: 2011	Origin	Potential Consequencs	Hazardous Situation	Risk Estimation	Risk Reduction and Protective Measures
8. Ergonomic hazards						
8.1	6.2.2.1 6.2.7 6.2.8 6.2.11.8 6.3.2.1 6.3.3.2.1	- access; - design or location of indicators and visual displays units; - design, location or Identification of control devices; - effort; - flicker, dazzling, shadow, stroboscopic effect; - local lighting; - mental overload/under load; - posture; - repetitive activity; - visibility - oxidizer	Discomfort	Not applicable	-	-
8.2			Fatigue	Not applicable	-	-
8.3			Musculoskeletal	Not applicable	-	-
8.4			Stress	Not applicable	-	-
8.5			Any other (e.g. mechanical, electrical) as a consequence of human error	1. when machine is running	Se 2, Fr 1, Pr 2, Av 2, Cl 5	- Adopt appropriate design;

No.	Sub-clause of EN 12100: 2011	Origin	Potential Consequencs	Hazardous Situation	Risk Estimation	Risk Reduction and Protective Measures
9. Associated with Environment in which the Machine is Used						
9.1	6.2.6 6.2.11.11 6.3.2.1 6.4.5.1 b)	- dust and fog; - electromagnetic disturbance; - lightning; - moisture; - snow; - temperature; - water; - wind; - lack of	Burn	Not applicable	-	-
9.2			Slight disease	Not applicable	-	-
9.3			Slipping, falling	Not applicable		-
9.4			Suffocation	Not applicable	-	-

		oxygen.				

ANNEX A:

Photo-documentation

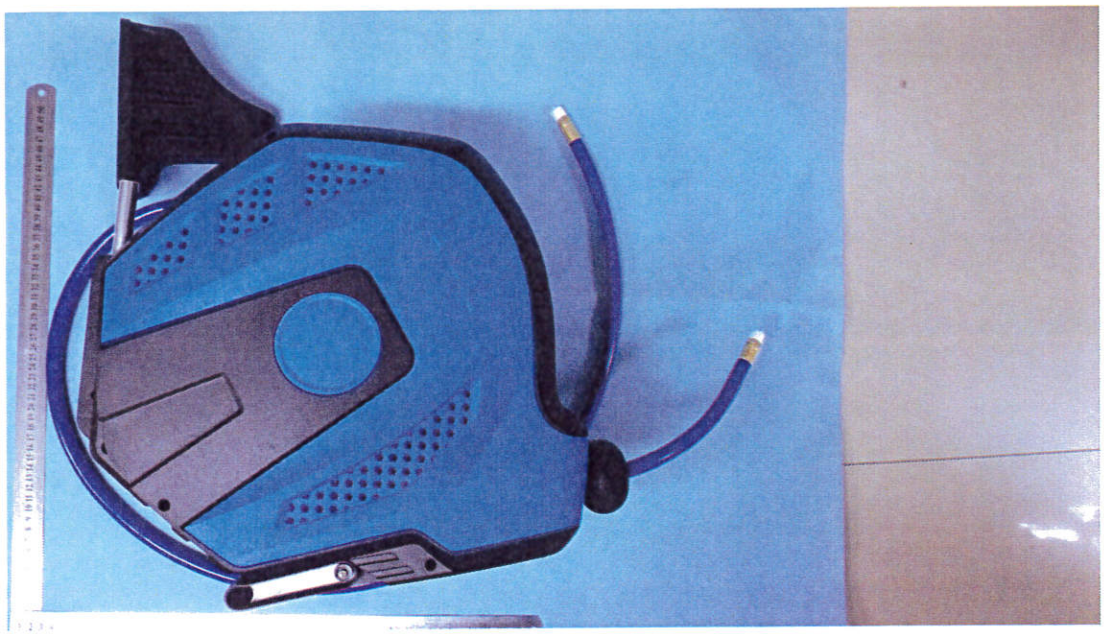

Photo 1 General Appearance of the EUT

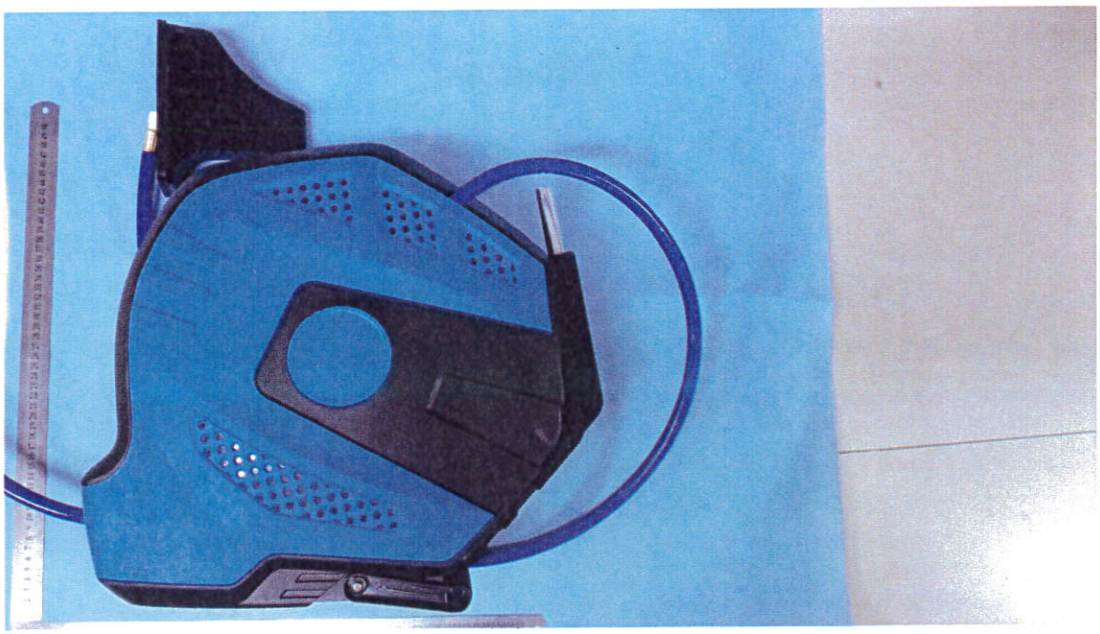

Photo 2 General Appearance of the EUT

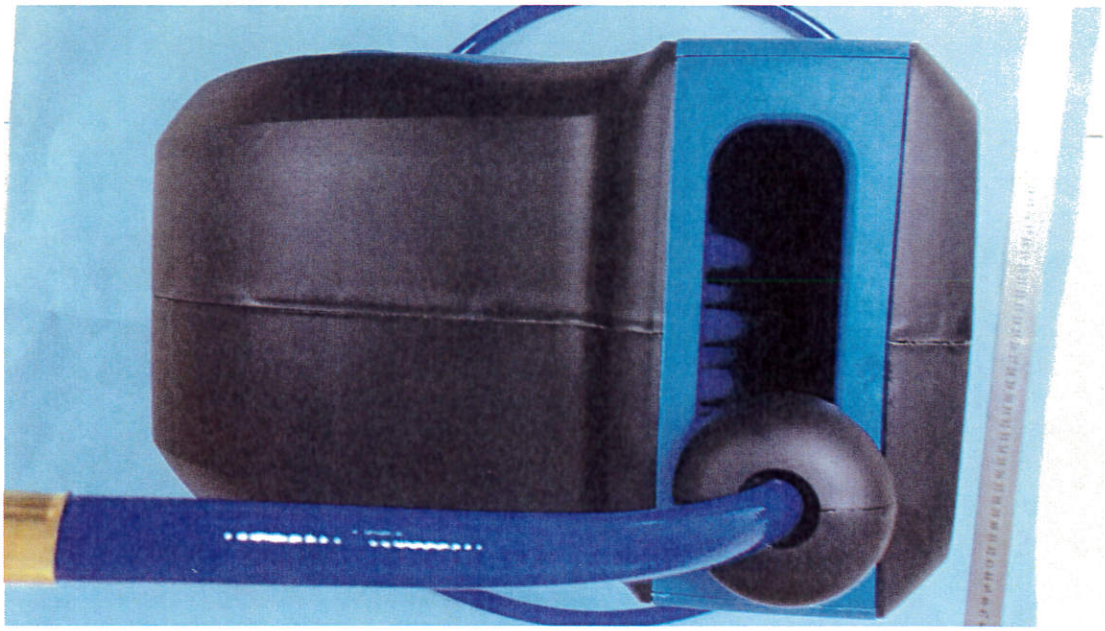

Photo 3 General Appearance of the EUT

End Of The Report