

# FQML

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## Flexitank Quality Management List – FQML

The **Flexitank Quality Management List** provides information to COA Carriers (Shipping Lines) for use as may be required part of their risk assessment process.

Flexitank members that demonstrate compliance with the COA Code of Practice are awarded the COA Quality Compliance (**see Table 1**).

The **COA Flexitank Code of Practice** details requirements of flexitank manufacture, operation and the requirements of the quality management scheme.

Compliance with the quality management scheme is demonstrated by the flexitank company undergoing independent audits and tests

The CQC is required for **each manufacturing factory**. Some companies operate more than one factory.

The CQC is required for **each flexitank type**. Some companies supply more than one type of flexitank.

The dates recorded on the FQML refer to the expiry date of the audit

**The CQC is not issued in document form.** Companies requiring a document should download the FQML.

**A Manufacturer** is defined as a company that manufactures flexitanks (**Code of Practice COA V6-M**) Some manufacturer's also provide operations of their flexitanks

**An Operator** is a company, independent of the manufacturer, that supplies and or provides logistics services for flexitanks that have been manufactured by a holder of the CQC (**COA Code Practice V6-O**)

An operator meeting the requirements of Code of Practice V6-O, is required to supply only flexitanks manufactured by the company detailed in the column – **"Flexitank Type"**

### Table 1 – Holders of COA Quality Compliance

Table 1 lists COA member companies that achieved the COA Quality Compliance (CQC)

### Table 2 – Part completion

Table 2 lists COA member companies that have completed **some of the CQC process** A blank entry indicates the outstanding quality audit items

COA members are not awarded the CQC until such time all requirements are met

### COA Member Directory – access from COA website

All flexitank members are entered into the COA Members Directory including those in Table 1, Table 2 and other companies that have not commenced COA quality compliance scheme

**TABLE 1 – Members that achieved the COA Quality Compliance (CQC)**

Company	Factory Location	Classification	COA Quality Compliance	Flexitank Type	Container Type	ISO 9001 Quality Management System	QUALITY AUDITS			
							Environment Management System	Installation & Training Manual	Flexitank Production Materials Test	Rail impact Test
<b>Braid ProFlex Packaging</b>	Braid Proflex Packaging, Zhondong, PR China	Manufacturer	CQC	Braid 4x layer + sleeve 24k	20ft 22G1	SGS 0104302 09.2020	Bsi EMS 696788 11.2021	SGS 2000141 04-2023	SGS 2000142 04-2023	CRRC ZTJ(YB) W0245 09.2024
<b>Bulk Liquid Solutions</b>	Nadekerappa Ind.,Bangalore 566091, India	Manufacturer	CQC	BLS 4x layer + sleeve, 46kg 24k	20ft 22G1	LMS 83525A 09.2021	GIC 716859 ISO14001 valid 02.21	LMS 818954b 02.2021	LMS 818954a 02.2021	JGZX-FL-2017-1203 12.2022
<b>Bulkliner Logistics</b>	Ermakulam, Kerala, 682032, India	Operator	CQC	Bulkliner 4x layer + sleeve 24k Manufacturer Plastene	20ft 22G1	TNV 019101 03.2021	TNV 029101 03.2021	PSA BLL-007 12.2022	Plastene PSA 1219-5545 12.2022	TCCI-FL-19-16 11.2021
<b>Buscherhoff Packaging Solutions</b>	Steinfeld, 49439, germany	Manufacturer	CQC	Buscherhoff 4x layer + sleeve 24k	20ft 22G1	DQS 005292 03.2021	Ecovadis 04.2021	DQS 5292KB 07.2021	DQS AZ005292 12.2021	TuV 717514601 01.2024
<b>Gaoqing Anthente</b>	Zibo City, Shandong PR China	Manufacturer	CQC	Anthente 4x layer +2x sleeve 56kg 24k	20ft 22G1	NAO 1828321 10.2020	NOA 20100980 09.2021	SGS 200013.2 01.2023	SGS 200013.1 01.2023	JGZX 2017 0905 09.2022
<b>Hillebrand Kunshan</b>	Kunshan 201533, PR China	Manufacturer	CQC	4x layer + sleeve 24k	40ft 42G1	CQC Q3790 11.2022	BV414684M 09.2021	BV 02.2021	BV WR416516 01.2021	TCCI CFR2668 11.2022
<b>Hillebrand Kunshan</b>	Kunshan 201533, PR China	Manufacturer	CQC	1x layer GB240 24k 52kg	20ft 22G1	CQC Q3790 11.2022	BV414684M 09.2021	BV 02.2021	BV WR416516 01.2021	TCCI CFR2671 12.2022
<b>Hillebrand Kunshan</b>	Kunshan 201533, PR China	Manufacturer	CQC	TB240 2x layer + sleeve 24k	20ft 22G1	CQC Q3790 11.2022	BV414684M 09.2021	BV 02.2021	BV WR416516 01.2021	TCCI CFR2669 11.2022
		Manufacturer	CQC					BV 02.2021		

				QUALITY AUDITS						
<b>Hillebrand Kunshan</b>	Kunshan 201533, PR China			TB240 4x layer + sleeve 24k	20ft 22G1	CQC Q3790 11.2022	BV414684M 09.2021	BV WR416516 01.2021	TCCI CFR2670 11.2022	
<b>Hoyer Global Powertex AP</b>	Jalan Kapar, Klang 42100, Malaysia	Operator	CQC	Manufactured by Powertex 1x layer 56kg 24k	20ft 22G1	BV Q131731 08.2021	Sch 09.2020 01.2021	LRQ 1434790 04.2021	LRQ 143492 06.2022	JGZX-FL- 2017-0601
<b>Infinity Bulk Logistics</b>	Pelabuhan Klang, 42920, Malaysia	Manufacturer	CQC	PIBL 4x layer + sleeve, 41kg 24k	20ft 22G1	LRQA 10158404 01.2022	Sch. 06.2020 01.21	LRQA KLR609736 01.21	LRQA KL6007630 01.21	JGZX-FL- 2017-0501 05.2022
<b>Liquatrans Likua Industrial (1)</b>	Cekmekoy, Istanbul 34794, Turkey	Manufacturer	CQC	Liquatrans T- Flex 2x layer +sleeve 76kg 24k Harness	40ft 42G1	BQC 1.11354 02.2023	BQC 2.1135 02.2023	Naviga 040416 01.2020	Naviga 040416 01.2020	TCCI CFRA2662 11.2021
<b>Liquatrans Likua Industrial (2)</b>	Cekmekoy, Istanbul 34794, Turkey	Manufacturer	CQC	Liquatrans E- Flex 2x layer +sleeve 62kg 24k Harness	20ft 22G1	BQC 1.11354 02.2023	BQC 2.1135 02.2023	Naviga 040416 01.2020	Naviga 040416 01.2020	TCCI CFRA2673 04.2023
<b>M&amp;W Flexitank Supply</b>	PT Mitra Jakarta Timur DK1 13930 Indonesia	Manufacturer	CQC	J Series, 4x layer + sleeve 24k	20ft 22G1	SGS 03615 05.2022	sch 12.2020 08.2021	LRQ 1882452a 09.2021	LRQ 1882452b 09.2021	JGZX-FL- 2017-0902 09.2022
<b>M&amp;W Flexitank Supply</b>	PT Mitra, Jakarta Timur DK1 13930 Indonesia	Manufacturer	CQC	T Series Titan 2x layer + sleeve 24k	20ft 22G1	SGS 03615 05.2022	ch 12.2020 valid 08.2021	LRQ 1882452a 09.2021	LRQ 1882452b 09.2021	JGZX-FL- 2018-0701 07.2023
<b>Neoflex Logistics Services</b>	Kemalpaşa 35733, Izmir,Turkey	Manufacturer	CQC	NEOC 4x layer + sleeve 24k	20ft 22G1	URS 55837 04.2022	Sch. 09.2020	URS 08.2021	URS 08.2021	JGZX-FL- 2019-0301 03.2024
<b>Philton Polythene Converters</b>	Benfleet, Essex SS80PQ UK	Manufacturer	CQC	Flexi24-2B 2x layer +sleeve 39kg 24k	20ft 22G1	SGS 962555 12.2021	BAS 225252 12.2022	DQS-UK 12.2020	DQS-UK 12.2020	JGZX-FL- 2019-1212 12.2024
<b>Plastene India</b>	Gandhidham 370201 Gujaret, India	Manufacturer	CQC	Pearlbro 4x layer +sleeve 46kg 24k	20ft 22G1	GGCS 090801 09.2020	PSA 1219- 5544 12.2022	PSA PIL- MAN-005 1219-5545 12.2022	PSA 1219- 5545 12.2022	TCCI F1- 19-16 11.2021



							QUALITY AUDITS			
<b>Rishi FIBC Solutions</b>	Nanjaanged, Mysore, Karnataka 571301, India			Rishi 4x layer +sleeve 24k	20ft 22G1	Intertek 0039070-1 12.2021	Intertek 0039661 01.2022	BSI 722131 03.2023	BSI 722131 03.2023	CFRA 2667 10.2022
<b>Shangdong PGF Packing</b>	Weifang City, Shandong, 262400 PR China	Manufacturer	CQC	PGF 4x layer + sleeve 40kg 24k	20ft 22G1	SGS 10418Q21229 05.2022	Sch. 02.2020	SGS 2019.00009.1 05.2022	SGS 2019.00009.2 05.2022	JGZX-FL-2019-0401 04.2024
<b>SUN Flexitank</b>	Mumbia 400038 India	Operator	CQC	HX TLBD 3x layer + sleeve 24k Manufacturer Hexin	20ft 22G1	TuV 2005493 05.2022		SGS 160003b 12.2019	SGS 160003a 12.2019	JGZX-FL-2017-1103 11.2022
<b>Trust Flexitanks</b>	Tarragona, Constanti, 43120, Spain	Manufacturer	CQC	Trust 2x layer + sleeve 24k	20ft 22G1	BV- ES088873-1 03-2021	BV ES048332.2 02.2023	BV ES072067-1 10.2020	BV ES072067-1 10.2020	JGZX-FL-2017-1201 12.2022
<b>Yantai Huiheng</b>	Longku, Yantai, PR China	Manufacturer	CQC	4x layer + sleeve 41kg 24k	20ft 22G1	XCC 277R05 11.2022	Seatone E10961 11.2022	SGS 19001221 12.2022	SGS 1900122 12.2022	JGZX-FL-2019-1201 12.2024

**TABLE 2 – Members that meet part of the requirements of COA Quality Compliance**

							QUALITY AUDITS			
Company	Location	Classification	COA Quality Compliance	Flexitank Type	Container Type	ISO 9001 Quality Management System	Environment Management System	Installation & Training Manual	Flexitank Production Materials Test	Rail impact Test
<b>Bornit s.r.o</b>	Branka u Opavy,74741 Czech Republic	Manufacturer		Bornit, 2x layer +WPP 24k	20 ft 22G1	TuV 12901311 02.2023		TuV 13029037 03.2023	TuV 13029037 03.2023	TuV 717518135 12.2023
<b>FH Bethling Logistics</b>	Aberdeen, Scotland, AB21 9BG, UK	Operator		GFL 4x layer + sleeve 24k manufactured	20 ft 22G1	Intertek DBY 041760-QMS 07.2022	Intertek DBY 041760-EMS 07.2022		GFL	BJTU JGZX FL20170101 01.2022

				QUALITY AUDITS				
				Qingdao Global				
<b>Braid Logistic UK</b>	Renfrew, Scotland, PA4 8YU	Operator		20ft 22G1		Bsi EMS 654823 01.2023		Proflex UK
<b>Braid Proflex Packaging UK</b>	Stockton, TS179JY UK	Manufacturer		20ft 22G1	Bsi FM593410 10.2022		SGS 235751 11.2022	SGS 235751 11.2022
<b>CAC SA</b>	Maipu 5522, Mendoza, Argentina	Manufacturer			BV AR0237266 02.2022			
<b>Hillebrand Sth Africa</b>	Epping, South Africa, 7420, South Africa	Manufacturer	Rhino single & multi layer	20ft 22G1	Dekra 80307249.5 03.2022	Dekra 170418066.1 06.2022	BV valid 02.2021	BV RP001-2-17 01.2021
<b>LSM FlexPack Qingdao LAF</b>	Cordoba Mendoza 137-X2566ATM, Argentina	Operator of LSM (LAF flexitanks)	LAF ( LSM) multilayer 4x layer + sleeve 24k	20 ft 22G1	DNV-GL 191109 valid 09.2021			JGZX-FL-2018-1001 10.2023
<b>MY Flexitank Malaysia</b>	08000 Sungai Petani Malaysia	Manufacturer	MY 2x layer + sleeve	20ft 22G1	EQA-IMS JQS.19.0239 06.2022	CARE 3206100 03.2023		CRCT GTT.YB.W0094 05.2024
<b>ONE Flexitank</b>	Jalan Anson, Penang, 10400, Malaysia	Manufacturer	Oneflexi Multi-layer 2x + sleeve 24k	20 ft 22G1				JGZX-FL-2017-0201 12.2023
<b>Optimus Flexitank Solutions</b>	Julan Sungai Pinang, 42920 Port Klang Malaysia	Operator	IBL Infinity Multi-layer 4 x layer + sleeve 24k	20 ft 22G1				JGZX-FL-2017-0701 07.2022
<b>Qingdao Tongshuai</b>		Manufacturer	Tonshuai Multilayer 4x	20 ft 22G1				

**QUALITY AUDITS**

<b>Vehicle Components</b>	Chengyang, Qingdao, PR China		layer + sleeve Mass 46kg 24k		JGZX-FL-2017-0906 09.2022
<b>Qingdao Zhongxiang Packaging</b>	Zhongxiang, Tongji, Jimo, Qingdao, PR China	Manufacturer	Zhongxiang Multi-layer 4x layer + sleeve + 3x circ- straps 24k	20 ft 22G1	JGZX-FL-2017-1105 11.2022
<b>SIA Flexitanks</b>	Co. Donegal, Ireland	Operator	Hengxin (SIA) TLBD Flexitank 24cbm		JCZX-FL-2017-1104 12.2022
<b>Yantai Huiheng</b>	Longku, Yantai, PRC	Manufacturer			JGZX-FL-2019-1201 12.2024

**Company** – Full title, address and web site is provided in the COA Members’ Directory.

**COA Member Confirmation** – A receipt to confirm that the annual COA membership fee has been paid.

**COA Member Compliance Certificate (CQC)** – Awarded to members that complete the four audits and declaration required by Code of Practice V5. The CQC is not issued in document form. Refer to the FQML.

**Factory Location** – Manufacturers might operate more than one factory. Operators are required to supply flexitanks only from the named manufacturer and factory. Audits and tests relate only to the production in the reported factory.

**ISO 9001 Quality Management** – Auditor and validity date.

**PAS 1008:2016 Material test** – Auditor and validity date. Valid for 3 years except where there is a variation in design as defined by PAS 1008:2016.

**Installation, operating and training instruction manual** – Auditor and validity date. Valid for 3 years except where there is a variation in design.

**Environmental Management** – Audit and validity date.


**Flexitank model** – The production design/type used for the rail impact test. Manufacturers might supply a range of flexitank models. If more than one model is manufactured and tested, it will be shown on a separate line of FQML.

**Flexitank Material Type and Thickness** – The specified material type, thickness and mass of the tested flexitank.

**Restraining system** – Construction dimensions and mass of the rear door bulkhead or harness used for the rail impact test.

**Container** – Type, tare mass and wall thickness.

**Rail Impact Test Report** – Report no, validity date. PAS 1008:2016 Rail impact tests are valid for 5 years except where there is a variation in design as defined by PAS 1008:2016.

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