

BC1:2023 Singapore Certification

For use of alternative structural steel to Eurocode 3

CLIENT INFORMATION NOTE

Overview

BC1:2023 is Singapore's national code of practice for use of Alternative Structural Steel material as in BS EN 1993 Design of Steel Structures (Eurocode 3). Steel materials not covered in Eurocode 3 shall be allowed with or without restrictions as classified in BC1:2023 and only listed materials in Appendix A of BC1 code can be certified by FPC audits by a Conformity Body (CB) accredited by Singapore Accreditation Council (SAC) and will be classified as Class 1 steel materials as defined in BC1. LRQA is having accreditation from SAC for certification of Alternative Structural Steel materials as per BC1:2023 Code.

Singapore Accreditation Council - Approval is must for delivering these services. LRQA Limited (Singapore Branch) is accredited by SAC, to conduct FPC audits and and it complies with CT-24 SAC Criteria for Certification Bodies (Alternative Structural Steel in BC1).

When requested by a manufacturer, LRQA shall check whether the manufacturer has necessary resources (premises, personnel and equipment) to achieve conformity in production of the structural steel materials. Manufacturer shall demonstrate the conformity of their products to materials as

listed in BC1.

What we do?

LRQA undertakes FPC assessments as per Product Certification Schemes - ISO/IEC 17065 and CT24 SAC Criteria for Certification Bodies (alternative structural steel in BC1).

Initial audit includes, verifying the product testing carried out as per specified material standard and the result of product testing consistent with the relevant material performance requirements as listed in BC1.

The audit process includes validating the Initial Type Test (ITT) data and assessing Factory Production Control (FPC) management systems for certifying alternate listed steel materials for use in design code. Currently material's in material codes are listed in BC1 (BS EN- Europe, ASTM - America, GB- China, JIS- Japan, AS/NZS- Australia/New Zealand and KS - Korea, for alternative structural steel certifications.

Assessment process comprising a Stage 1 audit to undertake gap analysis, followed by a Stage 2 audit. Stage 1 may be on-site or remote and Stage 2 is based on capability derived from ITT data and for verification of client's QMS, process inspections, records, and product testing to meet FPC assessment criteria.

The duration of audits is based on an effective number of workers in the factory including subcontractors under the FPC system, types of steel manufactured, number of locations and the complexity of the processes.

Continuous surveillance is required at

least once a year. During surveillance LRQA shall check the materials test certificates issued by the manufacturer for compliance to BC1.

An additional surveillance audit may be required if any new production lines are added, considerable change in key personnel, addition of new equipment and any changes to subcontracting scope which was originally assessed.

Certificate suspension will be recommend if any major nonconformities are noticed and a number of minor nonconformities.

The manufacturer's approval certificate is issued for a period of 3 years with continuous surveillance. Change of certification scope, suspension and withdrawal process as per the ISO/IEC 17065 product certification scheme. A renewal of the certificate will go through a repeat audit process to cover all elements of the FPC system to maintain continuity.

LRQA maintains a certificate/supplier list made available for public views for easy verification. The details include manufacturer's name, plant address, certificate expiry date, products scope audited. Additional information, if any, local LRQA office can be contacted for more information.

Certified manufacturers list – BC1: 2023. Issue date 26 August 2026.

Sr. No.	Location	Certificate Number	Client Name	Plant Address	Product Scope	Certificate Validity
1	Spain	BC-1/MUM/PRJ11100419104/1	Compania Espanola De Laminacion SL	Calle Ferralla No. 12 Pl San Vicente CP, 08755 Castellibisbal (Barcelona-Espana)	Hot Rolled Products of Strucural Steels	02-Feb-27
2	China	BJG6041035/A	Jiangsu Yongyi Fastener Co. Ltd	No. 6 South of Jinxing Road, Xingzhuang Village, Haitou Town, Ganyu District, Lianyungang City, Jiangsu Province, China	Structural bolting assemblies - Bolts, Nuts & Washers	28-Aug-27
3	Malaysia	BC-1/MUM/1910014/1	Wasco Pipe Sabah Sdn. Bhd	1 Jalan 4, KKIP Timur, Industrial Zone 13 (IZ13), KKIP, 88460, Kota, Kinabalu, Sabah Malaysia	Double Submerged Arc Welded (DSAW) Spiral Pipes	01-Nov-25
4	China	BJG00002529/A	North China Petroleum Steel Pipe Co. Ltd, yongzhou Subsidiary Company	Huagang Road, New And High-Tech, Industrial Development Zone, Yangzhou City, Jiangsu Province, 225128, P.R.China	Cold Formed Welded Structural Hollow Sections	13-Aug-27
5	China	BJG0000252/A	Tangshan Dianli Light Steel Product Co Ltd.	West Huanggezhuang Village, Fengrun Town, Fengrun District, Tangshan City Hebei Province. P.R.China	Hot Rolled Product of Structural Steels	24-Mar-27
6	Singapore	BC-1/MUM/PRJ11100511270/01	M Metal Pte Ltd	9 Tuas Avenue 2, Singapore 639449	Profiled Steel Sheets	18-Aug-27
7	Vietnam	BC-1/MUM/PRJ11100425670/1	J - Spiral Steel Pipe Co Ltd	Slope 47, Highway 51, Tam Phuoc ward, Bien Hoa City, Dong Nai Province, Vietnam	Spiral Steel Pipe and Steel Pipe Sheet Pile	10-Jul-27
8	Thailand	BC-1/MUM/0610039/2	Siam Yamato Steel Co Ltd.,	Maptaphut Facctory: 9, i-7 Road, Maptaphut, Rayong, Thailand. Huaipong Facctory: 9/9, Soi G5, Huaipong, Rayong, Thailand	Hot Rolled Structural Steel(Hot Rolled sections and sheet piles)	24-Aug-27
9	China	BJG0061123/C	Angang Steel CO. Ltd	Tiexi District, Anshan City, Liaoning Porvince, P.R.China	Hot-dip coated steel sheets and coils	09-May-27
10	Korea	MUM/BC1/0710056/2	Hyndai Steel Company - Danjin Works	1480, Bukbusaneop-ro, Songak-eup, Dangjin-si, Chungcheongnam-do, 31719, Republic of Korea	Hot Rolled Structural Steels - Plate and Coil	16-Jul-28
11	China	BJG6053046/A	Laiwwu Fangyuan Metal prodcuts Co. Ltd	Tuanli Village, Village North, Yanzhuang Street, Jinan City, Shangdong Province, China	Steel Hollow Sections	17-Sep-26
12	China	BJG0071129/B	Xinyu Iron & Steel Co. Ltd	No. 1, Yejin Road, Xinyu City, Jiangxi Province, China	Hot Rolled Plates & Strips (Coils)	17-Jun-27
13	China	BJG6023851/A	Tianjin Yuantaiderun Pipe Manufacturing Group CO. Ltd., Tianjin Yuantaiderun International Trade Co. Ltd.	No. 3 Hengtong Road, Industrial Areak Daquizhuang Town. Jinghai Section, Tianjin City, China	Steel Hollow Sections	22-Aug-27
14	China	BJG0071054/A	Hebei Jinxi Iron & Steel Group Co. Ltd	Santunying Town, Qianxi Cointy, Hebei Province, China	Hot Rolled Steel products	24-Aug-25
15	China	BJG0061094/A	Anyang Iron and Steel Co. Ltd	Meiyouanzhuang, Yindu District, Anyang City, Henan Procvince, China	Hot Rolled Steel products	11-Aug-26
16	China	BJG00001388/A	Hebei Haoxintal Steel Pipe Manufacturing Co Ltd.,	Puwacheng PARK, Yanshan Economic Development Zone, Cangzhou Citu, Hebei Province, China	Steel Product with Could Formed and Hot Finsihed Hollow Sections	20-Jun-27
17	China	BJG6053046/A	Laiwu Fangyuan Metal Prodcuts Co. Ltd	Tuani Village, Village North, Yanzhuang Street, Jinan City, Shangdong Porvince, China. NO. 2239 Shugang Stret, Culture Development Zone, Dongbel Town, Gaomi City, Shandong Province, China	Steel Hollow Sections	17-Sep-26
18	China	BJG00002535/A	Rizhao Steel Holding Group Co. Ltd	No. 600, Binhai Road, Lanshan DISTRICT, Rizhao City, Shandong Province, China	Hot Rolled Steel products	14-Jul-27
19	China	BJG00002493/A	Rizhao Steel Yingkou Medium Plate Co Ltd	Yejin Li, Yejin Street, Laobian District, Liaoning Province, China	Hot Rolled Steel Plates	07-Jul-27

20	China	BJG00002429/A	Tianjin Lefin Industrial Co. Ltd	Hengtai Road, Daquzhuang Town, Jinghai County, Tianjin City, China	High Frequency Welded Pipes	04-Apr-27
21	Vietnam	SEO2314314/A1	JNJ Ind. Co. Ltd	N4 Street, Lot L, Loc An-Binh Son IP, Long An Commune, Long Thanh District, Dong Nai, Vietnam	High Strength Structural Bolting assemblies	25-Mar-27
22	China	BJG0071026/A	Guangxi Liuzhou Iron and Steel Group	No. 117, Beique Road, Liuzhou City, Guangxi Province, China	Hot Rolled Steel Strips	14-Dec-27
23	China	BJG00000639/A	Liuzhou Iron and Steel Company Limited	No.117, Beique Road, Liuzhou City, Guangxi Province, China	Hot Rolled Steel	14-Dec-27
24	Indonesia	MUM/BC1/PRJ11100529945/1	PT.Gunung Raja Paksi Tbk	Jalan Perjunangan Kampung Tangsi, No. 15 Sukadanau, Chikarang Barat, Kab. Bekasi, Jawa Barat, Indonesia	Hot Rolled Stuctural Steel - Plates	03-Apr-28
25	Malaysia	BC-1/MUM/PRJ11100511846/01	Ji Kang Dimensi Sdn Bhd	Lot 69-71, Kawasan Perindustrian Gebeng 26100, Kuantan, Paahang, Malaysia	Steel Plates	17-Mar-28
26	Malaysia	BC-1/MUM/PRJ11100517324/1	NS BlueScope Lysaght Malaysia Sdn Bhd	No.6, Persiaran Kemajuan, Seksyen 16, 40200 Shah Alam, Slengor, Malaysia	Profiled Steel Sheets	17-Dec-27
27	Malaysia	MUM/BC1/1910003/1	SANWA IRON (MALAYSIA) SDN.BHD	No.7, Jalan Seruling 57, Kawasan 3, Taman Klang Jaya, 41200 Klang, Slengor, Darul Ehsan, Malaysia	Bolting Component	19-Feb-28
28	China	BJG6003644/A	Maanshan Iron & Steel Ltd.	No. 8 Jiu Hua Xi Road, Maanshan City, Anhui Province, China	Hot Rolled Steel products	03-Jul-28
29	China	BJG00002814/A	Hebei Meide Steel Pipe Manufacturing Co., Ltd.	Xiwang New District, Mengcunhuizu County, Cangzhou City, China	Steel Product with Cold Formed and Hot Finished Hollow Sections.	07-May-28
30	Japan	BC-1/MUM/PRJ11100532136/1	Nippon Steel Corporation, Kyushu Works, Yawata Area	1-1, Tobihata-cho, Tobata-ku, Kiakyushu City, Fukuoka Pref.804-8501, Japan	Steel Sheet Piles	13-May-28
31	Malaysia	BC-1/MUM/PRJ11100514765/1	M Metal Sdn bhd	Lot 2602 Jalan Tee Teck San, Selng, Batu 17, Mukim Senai, 81400, Senai, Johor, Malaysia	Profiled Steel Sheets	18-Sep-27
32	China	BJG00000691/A	Anshan Zizhu Heavy Special Steel Co.,Ltd	No. 555, Zizhu Road, Zhouzheng Street, Tengao Town, Haicheng City, Anshan City, Liaoning Province, China	U-sheet piles and Z-Sheet piles of Steel Plates	20-Mar-28
33	China	BJG6005463/D	Tianjin Huilitong Steel Co Ltd, / tianjin Yushuai Industry and Trade Co Ltd	North Loop Industrial Zone, Jinghai County, Tianjin, Daquzhuang Town, Jinghai Sistrict, Tianjin, China	Steel Plates	26-Feb-27
34	China	BJG6009492/C	Shanghai Qunli Fastener Manufacture Co., Ltd	No. 3666, Tingwei Road, Jinshan District, Shanghai, China	Strucural Bolting Assemblies	13-Aug-28
35	China	BJG0071053/A	Tangshan Heavy Plate Co., Ltd.	Wangtan Town, LaoTing County, Tangshan City, Hebei Province, China	Hot Rolled Steel Plates and Steel Piles	22-Jan-28
36	China	BJG600101/B	Nanjing Iron & Steel Co., Ltd.	Xiejadian, Liuhe District, Nanjing City, Jiangsu Province	Hot Rolled Steel Products	08-Mar-26
37	China	BJG6015821/B	Shandong Jigang Section Steel Co., Ltd	No. 13596, Jichang Road, Licheng District, Jinan City, Shandong Province, China	Steel Product with Cold Formed and Hot Finished Hollow Sections	23-Nov-27
38	China	BJG00000625/A	Hebei Qianhe Steel Tube Co., Ltd.	No. 20, Beihai Road, Development zone, Cangzhou City, Hebei Province	Steel Product with Cold Formed and Hot Finished Hollow Sections	10-Dec-27
39	China	BJG00002673/A	Huachu Welding Technology Co., Ltd.	Economic Development Zone, Julu County, Xingtai City,	Shear Conector Studs and Headed Achors	08-Nov-27
40	China	BJG00000648/A	Jiangyin Jianhe Steel Co Ltd	No. 169 Xihuan Road, Xinqiao Town. Jianyin City, Jiansu Province, China	Steel Product with Cold Formed and Hot Finished Hollow Sections	08-Jun-28
41	China	BJG6001012/B	Nanjing Iron & Steel Co.,	Xiejadian, Liuhe District, Nanjing, Jiangsu, People's	Hot Rolled Steel	08-Mar-26

			Ltd.	Republic of China	Products	
42	China	BJG00002636/A	Shandong Guanzhou Co.,Ltd	No. 389, Zhenxing East Road, Guan County, Liao Cheng City, Shandong Province,	Hot-Dip metallic coated steel sheets	10-Nov-27
43	China	BJG6004761	Shandong Iron & Steel Company Ltd. Laiwu Company	No. 99, Fuqian Street, Gangcheng District, Jinan City, Shandong Province, China	Hot Rolled Products of Structural Steels	01-Feb-28
44	China	BJG00002684/A	Shandong Iron & Steel Group Yongfeng Lingang Corp.	No. 0001, Huanghai Eighth Road, Pingshang Town, Lingang Economic Developmet Zone, Linyi City, Shandong Province, China	Hot Rolled Strips and Sheets of Structural Steels	01-Jan-28
45	China	0038/BC1/SHA/60 02393/B	Tianjin United Steel Pipe Co., Ltd.	No. 8, Hengtai Road, Daqiuzhuang Town, Jinghai District, Tianjin City, China	Cold Formed Welded Structural Hollow Sections	29-Apr-28
46	China	BJG6015448/A	YinShan Section Steel Corporation of Laiwu Steel Group Ltd.	Laigang Avenue Technical Center Office Building, Gancheng Distrcit, Jinan City, Shandong Province, China	Hot rolled steel plate and strips	01-Feb-28
47	China	BJG6009853/A	Zhejiang Hang Heavy Technology Co., Ltd.	No.268 Hongxing Road, Qiaonan District, Xiaoshan Economic & Technical Development Zone, Hangzhou City, Zhejiang Province, China	Steel product with cold formed and hot finished hollow sections	20-Jul-28
48	Taiwan	TWN0206116/A	Dragon Stee Corporation	No.100, Longchang Road, Longjing District, taichung City 43401, Taiwan	Hot rolled prodcuts of structural steels	25-Apr-26
49	China	BJG000027000/A	Beijing Jinzhaobo High Strength Fastener CO., LTD.	Guangfu Street, Export Produce Zone, Yongnian District, Handan City, Hebei Province, China	Non-preloaded and preload structural bolting assemblies and stud shear connectors	24-Jan-28
50	China	BNJG00002764/A	Hangzhou Lin 'an District Hongda standard parts Co., LTD	S218 Road, Muting, Qianchuan Town, Lin'an District, Hangzhou City,	Structural bolting assemblies	08-Mar-28
51	China	BJG00071054/A	Hebei Jinxi Iron & Steel Group Co., Ltd	Santunying Town, Qianxi County, Hebei Province, China	Hot Rolled Steel Products	24-Aug-28
52	China	BJG00002813/A	Taian Luyang Metal Products Co. Ltd.	East South Section of Taishan Avenue, Ningyang Economic Development Zone, Ningyang County, Taian City, Shanding Province, China	Hot Rolled Strucure section steels	11-Jun-28
53	China	BJG00002754/A	Tangshan Bingnuo Metal Products Co., Ltd.	South of Gangbin Street and East of Haifu Road, Tangshan Harbor, Development Zone, Leting County, Tangshan Harbor, Hebei Provine, China	Hot Rolled Medium and Thick Steel Plates	02-Mar-28
54	China	BJG0071018/A	WISCO JIANGBEI COLD-FORMED CO., LTD	Special No. 1, Binjiang Avenue, Yangluo Economic Development Zone,	Steel Product with Cold Formed and Hot Finished Hollow Sections	04-May-28
55	Taiwan	TWN0206115/B	Tung Ho Steel Enterprise Corp. Miaoli Works	No.22, Pingding, Erhu Village, Sihu Township, Miaoli County,36842 Taiwan	Hot Rolled Sheet Piling Aof Non Alloy Steels	22-Nov-27

Get in touch

Visit www.lrqa.com or more information

LRQA
1 Trinity Park
Bickenhill Lane
Birmingham
B37 7ES
United Kingdom



