

BS ISO 14737:2021



BSI Standards Publication

Carbon and low alloy cast steels for general applications

bsi.

National foreword

This British Standard is the UK implementation of [ISO 14737:2021](#). It supersedes [BS ISO 14737:2015](#), which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee ISE/111, Steel Castings and Forgings.

A list of organizations represented on this committee can be obtained on request to its secretary.

Contractual and legal considerations

This publication has been prepared in good faith, however no representation, warranty, assurance or undertaking (express or implied) is or will be made, and no responsibility or liability is or will be accepted by BSI in relation to the adequacy, accuracy, completeness or reasonableness of this publication. All and any such responsibility and liability is expressly disclaimed to the full extent permitted by the law.

This publication is provided as is, and is to be used at the recipient's own risk.

The recipient is advised to consider seeking professional guidance with respect to its use of this publication.

This publication is not intended to constitute a contract. Users are responsible for its correct application.

© The British Standards Institution 2021
Published by BSI Standards Limited 2021

ISBN 978 0 539 12187 2

ICS 77.140.80

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 August 2021.

Amendments/corrigenda issued since publication

Date	Text affected
------	---------------

INTERNATIONAL
STANDARD

ISO
14737part#

Third edition
2021-07-20

**Carbon and low alloy cast steels for
general applications**

Aciers moulés au carbone et faiblement alliés d'usage général



Reference number
ISO 14737part#:2021(E)



COPYRIGHT PROTECTED DOCUMENT

© ISO 2021, Published in Switzerland

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

Contents

Page

Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 General conditions for delivery	1
5 Chemical composition	1
6 Heat treatment	1
7 Mechanical properties	1
8 Test methods	2
9 Supplementary requirements	2
10 Marking	2
Annex A (informative) Guidance data for welding	7
Annex B (informative) UNS cast grades similar to ISO cast grades	8
Bibliography	9

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 17, *Steel*, Subcommittee SC 11, *Steel castings*.

This third edition cancels and replaces the second edition ([ISO 14737:2015](http://www.iso.org/iso/14737:2015)), which has been technically revised. The main changes compared to the previous edition are as follows:

- new Note was inserted in the Scope; previous Note 1 for [Annex B](#) was renumbered as Note 2;
- “Terms and Definitions” added as new [Clause 3](#); subsequent Clauses were renumbered;
- footnote “a” to limit Cr, Mo, Ni, V, and Cu was added to GE200, GS200, GE240, and GS240 in [Table 1](#). This makes it consistent with [EN 10293](#);
- correction of thickness, t , for G10MnMoV6-3 in [Table 2](#);
- correction of tempering temperature range for G25NiCrMo2-2.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Carbon and low alloy cast steels for general applications

1 Scope

This document specifies requirements for carbon and low alloy cast steel grades for general applications.

NOTE 1 [Annex A](#) provides guidance on welding.

NOTE 2 [Annex B](#) gives information on ISO grade designation and available UNS numbers which are similar to the ISO grade designation.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

[ISO 148-1](#), *Metallic materials — Charpy pendulum impact test — Part 1: Test method*

[ISO 4990](#), *Steel castings — General technical delivery requirements*

[ISO 6892-1](#), *Metallic materials — Tensile testing — Part 1: Method of test at room temperature*

3 Terms and definitions

No terms and definitions are listed in this document.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <http://www.electropedia.org/>

4 General conditions for delivery

Steel castings supplied in accordance with this document shall conform to the applicable requirements of [ISO 4990](#), including the supplementary requirements that are indicated in the inquiry and purchase order.

5 Chemical composition

The chemical composition shall conform to the values given in [Table 1](#).

6 Heat treatment

The type of heat treatment is left to the discretion of the manufacturer unless otherwise agreed upon at the time of inquiry and order. Heat treatment described in [Table 2](#) is for information only.

7 Mechanical properties

Mechanical properties are given in [Table 2](#) and are subject to an agreement at the time of inquiry and order.

Table 1 — Chemical composition, mass fraction in %

Grade designation Name	Number	C	Si	Mn	P	S	Cr	Mo	Ni	V	Cu
GE200	1.0420	—	—	—	0,035	0,030	0,30 ^a	0,12 ^a	0,40 ^a	0,03 ^a	0,30 ^a
GS200	1.0449	0,18	0,60	1,20	0,030	0,025	0,30 ^a	0,12 ^a	0,40 ^a	0,03 ^a	0,30 ^a
GE240	1.0446	—	—	—	0,035	0,030	0,30 ^a	0,12 ^a	0,40 ^a	0,03 ^a	0,30 ^a
GS240	1.0455	0,23	0,60	1,20	0,030	0,025	0,30 ^a	0,12 ^a	0,40 ^a	0,03 ^a	0,30 ^a
GS270	1.0454	0,24	0,60	1,30	0,030	0,025	0,30 ^a	0,12 ^a	0,40 ^a	0,03 ^a	0,30 ^a
GS340	1.0467	0,30	0,60	1,50	0,030	0,025	0,30 ^a	0,12 ^a	0,40 ^a	0,03 ^a	0,30 ^a
G28Mn6	1.1165	0,25 to 0,32	0,60	1,20 to 1,80	0,035	0,030	0,30	0,15	0,40	0,05	0,30
G28MnMo6	1.5433	0,25 to 0,32	0,60	1,20 to 1,60	0,025	0,025	0,30	0,20 to 0,40	0,40	0,05	0,30
G20Mo5	1.5419	0,15 to 0,23	0,60	0,50 to 1,00	0,025	0,020 ^b	0,30	0,40 to 0,60	0,40	0,05	0,30
G10MnMoV6-3	1.5410	0,12	0,60	1,20 to 1,80	0,025	0,020	0,30	0,20 to 0,40	0,40	0,05 to 0,10	0,30
G20NiCrMo2-2	1.6741	0,18 to 0,23	0,60	0,60 to 1,00	0,035	0,030	0,40 to 0,60	0,15 to 0,25	0,40 to 0,70	0,05	0,30
G25NiCrMo2-2	1.6744	0,23 to 0,28	0,60	0,60 to 1,00	0,035	0,030	0,40 to 0,60	0,15 to 0,25	0,40 to 0,70	0,05	0,30
G30NiCrMo2-2	1.6778	0,28 to 0,33	0,60	0,60 to 1,00	0,035	0,030	0,40 to 0,60	0,15 to 0,25	0,40 to 0,70	0,05	0,30
G17CrMo5-5	1.7357	0,15 to 0,20	0,60	0,50 to 1,00	0,025	0,020 ^b	1,00 to 1,50	0,45 to 0,65	0,40	0,05	0,30
G17CrMo9-10	1.7379	0,13 to 0,20	0,60	0,50 to 0,90	0,025	0,020 ^b	2,00 to 2,50	0,90 to 1,20	0,40	0,05	0,30
G26CrMo4	1.7221	0,22 to 0,29	0,60	0,50 to 0,80	0,025	0,020 ^b	0,80 to 1,20	0,15 to 0,30	0,40	0,05	0,30
G34CrMo4	1.7230	0,30 to 0,37	0,60	0,50 to 0,80	0,025	0,020 ^b	0,80 to 1,20	0,15 to 0,30	0,40	0,05	0,30
G42CrMo4	1.7231	0,38 to 0,45	0,60	0,60 to 1,00	0,025	0,020 ^b	0,80 to 1,20	0,15 to 0,30	0,40	0,05	0,30
G30CrMoV6-4	1.7725	0,27 to 0,34	0,60	0,60 to 1,00	0,025	0,020 ^b	1,30 to 1,70	0,30 to 0,50	0,40	0,05 to 0,15	0,30
G35CrNiMo6-6	1.6579	0,32 to 0,38	0,60	0,60 to 1,00	0,025	0,020 ^b	1,40 to 1,70	0,15 to 0,35	1,40 to 1,70	0,05	0,30
G30NiCrMo7-3	1.6572	0,28 to 0,33	0,60	0,60 to 0,90	0,035	0,030	0,70 to 0,90	0,20 to 0,30	1,65 to 2,00	0,05	0,30
G40NiCrMo7-3	1.6573	0,38 to 0,43	0,60	0,60 to 0,90	0,035	0,030	0,70 to 0,90	0,20 to 0,30	1,65 to 2,00	0,05	0,30
G32NiCrMo8-5-4	1.6570	0,28 to 0,35	0,60	0,60 to 1,00	0,020	0,015	1,00 to 1,40	0,30 to 0,50	1,60 to 2,10	0,05	0,30

Single values indicate maximums.

^a Cr + Mo + Ni + V + Cu, max. 1,00 %.

^b For castings of ruling thickness < 28 mm, S ≤ 0,030 % is permitted.

Table 2 — Mechanical properties at room temperature (Non-mandatory)

Grade designation		Symbol ^c	Heat treatment		Mechanical properties				
			Normalizing or Austenitizing °C	Tempering °C	Thickness <i>t</i> mm	<i>R_{p0,2}</i> min. MPa	<i>R_m</i> MPa	<i>A</i> min. %	<i>KV</i> min. J
Name	No.								
GE200	1.0420	+N	900 to 980		≤ 300	200	380 to 530	25	27
GS200	1.0449	+N	900 to 980		≤ 100	200	380 to 530	25	35
GE240	1.0446	+N	900 to 980		≤ 300	240	450 to 600	22	27
GS240	1.0455	+N	880 to 980		≤ 100	240	450 to 600	22	31
GS270	1.0454	+N	880 to 960		≤ 100	270	480 to 630	18	27
GS340	1.0467	+N	880 to 960		≤ 100	340	550 to 700	15	20
G28Mn6	1.1165	+N	880 to 950		≤ 250	260	520 to 670	18	27
		+QT1		630 to 680	≤ 100	450	600 to 750	14	35
		+QT2		580 to 630	≤ 50	550	700 to 850	10	31
G28MnMo6	1.5433	+QT1	880 to 950	630 to 680	≤ 50	500	700 to 850	12	35
				≤ 100	480	670 to 830	10	31	
		+QT2		580 to 630	≤ 100	590	850 to 1 000	8	27
G20Mo5	1.5419	+QT	920 to 980	650 to 730	≤ 100	245	440 to 590	22	27
G10MnMoV6-3	1.5410	QT1	950 to 980	640 to 660	≤ 50	380	500 to 650	22	60
					50 < <i>t</i> ≤ 100	350	480 to 630	22	60
					100 < <i>t</i> ≤ 150	330	480 to 630	20	60
					150 < <i>t</i> ≤ 250	330	450 to 600	18	60
		QT2			≤ 50	500	600 to 750	18	60
					50 < <i>t</i> ≤ 100	400	550 to 700	18	60
					100 < <i>t</i> ≤ 150	380	500 to 650	18	60
					150 < <i>t</i> ≤ 250	350	460 to 610	18	60
		QT3 ^a			740 to 760 + 600 to 650	<i>t</i> ≤ 100	400	520 to 650	22
G20NiCrMo2-2	1.6741	+NT	900 to 980	610 to 660	<i>t</i> ≤ 100	200	550 to 700	18	10
		+QT1		600 to 650		430	700 to 850	15	25
		+QT2		500 to 550		540	820 to 970	12	25
G25NiCrMo2-2	1.6744	+NT	900 to 980	580 to 630	<i>t</i> ≤ 100	240	600 to 750	18	10
		+QT1		600 to 650		500	750 to 900	15	25
		+QT2		550 to 600		600	850 to 1 000	12	25

Normalise +N
Normalise and temper +NT
Quench and temper +QT
a Double temper.
b -20 °C test temperature.
c Number 1, 2 or 3 after "T" indicates a different tempering temperature.

Grade designation		Symbol ^c	Heat treatment		Mechanical properties				
			Normalizing or Austenitizing °C	Tempering °C	Thickness <i>t</i> mm	<i>R</i> _{p0,2} min. MPa	<i>R</i> _m MPa	<i>A</i> min. %	<i>KV</i> min. J
Name	No.								
G30NiCrMo2-2	1.6778	+NT	900 to 980	600 to 650	<i>t</i> ≤ 100	270	630 to 780	18	10
		+QT1		600 to 650		540	820 to 970	14	25
		+QT2		550 to 600		630	900 to 1 050	11	25
G17CrMo5-5	1.7357	+QT	920 to 960	680 to 730	<i>t</i> ≤ 100	315	490 to 690	20	27
G17CrMo9-10	1.7379	+QT	930 to 970	680 to 740	<i>t</i> ≤ 150	400	590 to 740	18	40
G26CrMo4	1.7221	+QT1	880 to 950	600 to 650	<i>t</i> ≤ 100	450	600 to 750	16	40
					100 < <i>t</i> ≤ 250	300	550 to 700	14	27
		+QT2		550 to 600	<i>t</i> ≤ 100	550	700 to 850	10	18
G34CrMo4	1.7230	+NT	880 to 950	600 to 650	<i>t</i> ≤ 100	270	630 to 780	16	10
		540				700 to 850	12	35	
		+QT1			100 < <i>t</i> ≤ 150	480	620 to 770	10	27
					150 < <i>t</i> ≤ 250	330	620 to 770	10	16
+QT2	550 to 600	<i>t</i> ≤ 100	650	830 to 980	10	27			
G42CrMo4	1.7231	+NT	900 to 980	630 to 680	<i>t</i> ≤ 100	300	700 to 850	15	10
		600	800 to 950	12		31			
		+QT1	880 to 950	600 to 650	100 < <i>t</i> ≤ 150	550	700 to 850	10	27
					150 < <i>t</i> ≤ 250	350	650 to 800	10	16
+QT2	550 to 600	<i>t</i> ≤ 100	700	850 to 1 000	10	27			
G30CrMoV6-4	1.7725	+QT1	880 to 950	600 to 650	<i>t</i> ≤ 100	700	850 to 1 000	14	45
					100 < <i>t</i> ≤ 150	550	750 to 900	12	27
		150 < <i>t</i> ≤ 250			350	650 to 800	12	20	
+QT2	530 to 600	<i>t</i> ≤ 100	750	900 to 1 100	12	31			
G35CrNiMo6-6	1.6579	+N	860 to 920	600 to 650	<i>t</i> ≤ 150	550	800 to 950	12	31
					150 < <i>t</i> ≤ 250	500	750 to 900	12	31
		QT1			<i>t</i> ≤ 100	700	850 to 1 000	12	45
					100 < <i>t</i> ≤ 150	650	800 to 950	12	35
					150 < <i>t</i> ≤ 250	650	800 to 950	12	30
+QT2	510 to 560	<i>t</i> ≤ 100	800	900 to 1 050	10	35			

Normalise +N
Normalise and temper +NT
Quench and temper +QT
a Double temper.
b -20 °C test temperature.
c Number 1, 2 or 3 after "T" indicates a different tempering temperature.

Grade designation		Symbol ^c	Heat treatment		Mechanical properties				
			Normalizing or Austenitizing °C	Tempering °C	Thickness <i>t</i> mm	<i>R</i> _{p0,2} min. MPa	<i>R</i> _m MPa	<i>A</i> min. %	<i>KV</i> min. J
Name	No.								
G30NiCrMo7-3	1.6572	+NT	900 to 980	630 to 680	<i>t</i> ≤ 100	550	760 to 900	12	10
		+QT1				690	930 to 1 100	10	25
		+QT2		580 to 630		795	1 030 to 1 200	8	25
G40NiCrMo7-3	1.6573	+NT	900 to 980	630 to 680	<i>t</i> ≤ 100	585	860 to 1 100	10	10
		+QT1				760	1 000 to 1 140	8	25
		+QT2		580 to 630		795	1 030 to 1 200	8	25
G32NiCr-Mo8-5-4	1.6570	+QT1	880 to 920	600 to 650	<i>t</i> ≤ 100	700	850 to 1 000	16	50
				100 < <i>t</i> ≤ 250	650	820 to 970	14	35	
		+QT2		500 to 550	<i>t</i> ≤ 100	950	1 050 to 1 200	10	35

Normalise +N
Normalise and temper +NT
Quench and temper +QT
a Double temper.
b -20 °C test temperature.
c Number 1, 2 or 3 after "T" indicates a different tempering temperature.

Annex A (informative)

Guidance data for welding

Table A.1 — Guidance data for welding

Grade designation		Preheat temperature ^a	Interpass temperature	Post weld heat treatment temperature
Name	Number	°C	°C max.	°C
GE200	1.0420	20 to 150	350	None
GS200	1.0449			
GE240	1.0446			
GS240	1.0455			
GS270	1.0454			
GS340	1.0467	150 to 300		≥620
G28Mn6	1.1165	20 to 150		b
G28MnMo6	1.5433	150 to 300		b
G20Mo5	1.5419	20 to 200		≥650 ^b
G10MnMoV6-3	1.5410	20 to 150		None
G20NiCrMo2-2	1.6741	100 to 200	400	b
G25NiCrMo2-2	1.6744			
G30NiCrMo2-2	1.6778			
G17CrMo5-5	1.7357	150 to 250		≥650 ^b
G17CrMo9-10	1.7379			>680 ^b
G26CrMo4	1.7221	150 to 300		b
G34CrMo4	1.7230	200 to 350		
G42CrMo4	1.7231			
G30CrMoV6-4	1.7725			
G35CrNiMo6-6	1.6579			
G30NiCrMo7-3	1.6572	200 to 350		
G40NiCrMo7-3	1.6573			
G32NiCrMo8-5-4	1.6570	200 to 350		

^a The preheating temperature is related to the geometry, the thickness of the casting and climatic conditions.

^b The post weld heat treatment temperature shall be at least 20 °C, but not more than 50 °C below tempering temperature.

Annex B (informative)

UNS cast grades similar to ISO cast grades

Table B.1 — UNS cast grades similar to ISO cast grades

Name	Grade designation		UNS number (similar grade) ^a
		Number	
GE200		1.0420	J03000
GS200		1.0449	J02001
GE240		1.0446	J03000
GS240		1.0455	J02003
GS270		1.0454	J02503
GS340		1.0467	J03003
G28Mn6		1.1165	—
G28MnMo6		1.5433	—
G20Mo5		1.5419	—
G10MnMoV6-3		1.5410	—
G20NiCrMo2-2		1.6741	J12047, J12095
G25NiCrMo2-2		1.6744	J12595
G30NiCrMo2-2		1.6778	J13095
G17CrMo5-5		1.7357	—
G17CrMo9-10		1.7379	—
G26CrMo4		1.7221	J13502
G34CrMo4		1.7230	J14047, J23259
G42CrMo4		1.7231	—
G30CrMoV6-4		1.7725	—
G35CrNiMo6-6		1.6579	—
G30NiCrMo7-3		1.6572	J23259
G40NiCrMo7-3		1.6573	J24053
G32NiCrMo8-5-4		1.6570	—

NOTE The grade designations including the names and the numbers follow the rules of [EN 10027-1](#) and [EN 10027-2](#).

^a The similar UNS (Unified Numbering System) grades may not be equivalent to the grades in this document.

Bibliography

- [1] [EN 10027-1](#), *Designation systems for steels — Part 1: Steel names*
- [2] [EN 10027-2](#), *Designation systems for steels — Part 2: Numerical system*

British Standards Institution (BSI)

BSI is the national body responsible for preparing British Standards and other standards-related publications, information and services.

BSI is incorporated by Royal Charter. British Standards and other standardization products are published by BSI Standards Limited.

About us

We bring together business, industry, government, consumers, innovators and others to shape their combined experience and expertise into standards-based solutions.

The knowledge embodied in our standards has been carefully assembled in a dependable format and refined through our open consultation process. Organizations of all sizes and across all sectors choose standards to help them achieve their goals.

Information on standards

We can provide you with the knowledge that your organization needs to succeed. Find out more about British Standards by visiting our website at bsigroup.com/standards or contacting our Customer Services team or Knowledge Centre.

Buying standards

You can buy and download PDF versions of BSI publications, including British and adopted European and international standards, through our website at bsigroup.com/shop, where hard copies can also be purchased.

If you need international and foreign standards from other Standards Development Organizations, hard copies can be ordered from our Customer Services team.

Copyright in BSI publications

All the content in BSI publications, including British Standards, is the property of and copyrighted by BSI or some person or entity that owns copyright in the information used (such as the international standardization bodies) and has formally licensed such information to BSI for commercial publication and use.

Save for the provisions below, you may not transfer, share or disseminate any portion of the standard to any other person. You may not adapt, distribute, commercially exploit or publicly display the standard or any portion thereof in any manner whatsoever without BSI's prior written consent.

Storing and using standards

Standards purchased in soft copy format:

- A British Standard purchased in soft copy format is licensed to a sole named user for personal or internal company use only.
- The standard may be stored on more than one device provided that it is accessible by the sole named user only and that only one copy is accessed at any one time.
- A single paper copy may be printed for personal or internal company use only.

Standards purchased in hard copy format:

- A British Standard purchased in hard copy format is for personal or internal company use only.
- It may not be further reproduced – in any format – to create an additional copy. This includes scanning of the document.

If you need more than one copy of the document, or if you wish to share the document on an internal network, you can save money by choosing a subscription product (see 'Subscriptions').

Reproducing extracts

For permission to reproduce content from BSI publications contact the BSI Copyright and Licensing team.

Subscriptions

Our range of subscription services are designed to make using standards easier for you. For further information on our subscription products go to bsigroup.com/subscriptions.

With **British Standards Online (BSOL)** you'll have instant access to over 55,000 British and adopted European and international standards from your desktop. It's available 24/7 and is refreshed daily so you'll always be up to date.

You can keep in touch with standards developments and receive substantial discounts on the purchase price of standards, both in single copy and subscription format, by becoming a **BSI Subscribing Member**.

PLUS is an updating service exclusive to BSI Subscribing Members. You will automatically receive the latest hard copy of your standards when they're revised or replaced.

To find out more about becoming a BSI Subscribing Member and the benefits of membership, please visit bsigroup.com/shop.

With a **Multi-User Network Licence (MUNL)** you are able to host standards publications on your intranet. Licences can cover as few or as many users as you wish. With updates supplied as soon as they're available, you can be sure your documentation is current. For further information, email cservices@bsigroup.com.

Revisions

Our British Standards and other publications are updated by amendment or revision.

We continually improve the quality of our products and services to benefit your business. If you find an inaccuracy or ambiguity within a British Standard or other BSI publication please inform the Knowledge Centre.

Useful Contacts

Customer Services

Tel: +44 345 086 9001

Email: cservices@bsigroup.com

Subscriptions

Tel: +44 345 086 9001

Email: subscriptions@bsigroup.com

Knowledge Centre

Tel: +44 20 8996 7004

Email: knowledgecentre@bsigroup.com

Copyright & Licensing

Tel: +44 20 8996 7070

Email: copyright@bsigroup.com

BSI Group Headquarters

389 Chiswick High Road London W4 4AL UK