















**List 5**  
**Approved Manufacturers**  
**of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
<p>No. 28 Tianedang Road, Wangshan Industrial Park, Suzhou Wuzhong Economic Development Zone, Suzhou, Jiangsu. Tel: +86-512-66566683 Fax No. +86-512-66566800</p> <p>E-mail: <a href="mailto:dym@chuokatan.cn">dym@chuokatan.cn</a></p> <p>Website: <a href="http://www.chuokatan.cn">www.chuokatan.cn</a></p> <p>Certificate No. MD00/4572/0001/5 Expiry Date: 02/05/2019</p>			
<p><b>TAIKO KIKAI (QINGDAO) Co., Ltd.</b></p> <p>Liuting Town, Chengyang district, Qingdao, Tel: +86 532 87711877 Fax: +86 532 87716455 email: <a href="mailto:xuelibo@qdtaike.com">xuelibo@qdtaike.com</a> web: <a href="http://www.qdtaike.com">www.qdtaike.com</a></p> <p>Certificate No. MD00/4015/0002/5 Expiry Date: 24/04/2018</p>	<p>Grey Spheroidal Graphite</p>	<p>0.50 0.50</p>	<p>Qingdao</p>
<p><b>TIANJIN GALAXY VALVE CO., LTD.</b></p> <p>No. 15, Tianhua Road Balitai Industrial Area, Jinnan District Tianjin Tel: +86 22 28750815 Fax: +86 22 28750819 Email: <a href="mailto:ren@galaxyvalves.com">ren@galaxyvalves.com</a> web: <a href="http://www.galaxyvalves.com">www.galaxyvalves.com</a> Certificate #: MD00/4579/0001/5 Expiry date: 18/05/2019</p>	<p>Grey Spheroidal Graphite</p>	<p>1.20 1.20</p>	<p>Qingdao</p>
<p><b>TIANJIN TUOCHENG XINYUAN METAL PRODUCTS Co., LTD</b></p> <p>East Beihu Village of Ecological Garden Xiaozhan Town, Jin'nan District. Tianjin. 300350 Tel: +86 022-88632888 Fax No: +86 18660298532</p> <p>E-mail: <a href="mailto:tuocheng.china@163.com">tuocheng.china@163.com</a></p> <p>Certificate No. MD00/4663/0001/5 Expiry Date: 22/02/2017</p>	<p>Spheroidal Graphite</p>	<p>0.80</p>	<p>Qingdao</p>
<p><b>WU JIANG QIAN'S MECHANICAL FOUNDRY CO., LTD.</b></p> <p>No. 329 Fushi Road Xinta Town Wujiang City Jiangsu Province 215213 Tel: +86 512 632 96352 fax: +86 0512 63294848 email: <a href="mailto:wjqschen@163.com">wjqschen@163.com</a> <a href="http://www.qsjxzz.com">www.qsjxzz.com</a> Certificate No. MD00/4058/0003/5 Inspection Due: 30/07/2019</p>	<p>Grey Spheroidal Graphite</p>	<p>3.00 5.20</p>	<p>Shanghai Port</p>
<p><b>WUHAN WUZHONG CASTING &amp; FORGING Co LTD</b></p> <p>Wuhan No. Te 1, Fo Zuling Industry Zone, East Lake Hing-tech Development District, Wuhan, Hubei Province. 430205 Tel: +860270678010035, +86 27 678 10034 E-mail: <a href="mailto:wzzd027@126.com">wzzd027@126.com</a> Website: <a href="http://www.whhdm.com">www.whhdm.com</a></p> <p>Certificate No: MD00/4413/0001/5 Expiry Date: 01/01/2018</p>	<p>Grey Spheroidal Graphite</p>	<p>61.00 77.00</p>	<p>Wuhan</p>
<p><b>WUXI FOUNDRY CO.LTD.</b></p> <p>Hongyun Road, JGD Zone, Hongshan town, New District Wuxi, Jiangsu 214115 Tel +86 510 80297007 Fax +86 510 80297077</p> <p>Email <a href="mailto:wzzzjk@163.com">wzzzjk@163.com</a></p> <p>Web <a href="http://www.qukin.cn">www.qukin.cn</a></p> <p>Certificate Number MD00/3715/0003/5 Expiry date 07/12/2018</p>	<p>Grey Spheroidal Graphite</p>	<p>8.70 4.70</p>	<p>Jiangyin</p>
<p><b>XINXIANG MASSWAY PRECISION MACHINERY CO., LTD.</b></p>	<p>Grey Spheroidal Graphite</p>	<p>0.20 0.20</p>	<p>Wuhan</p>



**List 5**  
**Approved Manufacturers**  
**of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
<p>Xu Village, Mengzhuang Town, Huixian City, Henan Province, Tel : +86 (0) 373 598 6969 / 598 6999 Fax: +86 (0) 373 598 6998 Email: XXSMSW@163.com Web http://www.xsmsw.com Approval does not include heat treatment. Certificate: MD00/3669/0003/5 Expiry date: 19/09/2018</p>			
<p><b>YANGZHOU WUTINGQIAO CYLINDER LINER CO., LTD.</b> No. 333 Pingshan Road, Yangzhou, Jiangsu Province, Tel no: +86 514 876 21322 Fax No: + 86 514 876 21322 email yzwx1982@163.com web www.cylinder liner.com Certificate No. MD00/4298/0003/5 Expiry Date 05/03/2020</p> <p><i>The approval covers the centrifugal casting of cylinder liners.</i></p>	Grey	2.00	Nanjing
<p><b>YIBIN PUSH LINKO TECHNOLOGY CO. LTD.</b>  Yuejiang Town, Gaoxian Country Yibin Sichuan Tel No 0086 0831 5352052 Fax No. 0086 5352016</p> <p>Email Zhanghao_1202@163.com</p> <p>Cert No. MD00/4048/0002/5 Expiry date: 04/07/2018</p>	Grey Spheroidal Graphite	40.00 30.00	Wuhan
<p><b>YICHANG MARINE DIESEL ENGINE CO. LTD.</b>  93 Xiling No. 2 Road Yichang City Hubei Province 443002 Tel: +86 717 646 8870 Fax: +86 717 646 8870 Email: qc@ymd.com.cn Web page: www.ymd.com.cn Certificate #: MD00/1691/0009/5 Expiry date: 12/05/2019</p>	Grey Spheroidal Graphite	41.70 30.00	Wuhan
<p><b>YOW BELL CASTING ( TANGSHAN ) CO., LTD.</b>  No. 18 Luanhe Road Taiwan Industrial District, Luanxian Tangshan, Hebei Mob. No: +86 13503151005 Fax No: +86 315 7126268 Email: hsien@yowbell.com Web: http:// www.yowbell.com Certificate No: MD00/4265/0002/5 Expiry Date 02/12/2019</p>	Grey Spheroidal Graphite	0.03 0.03	Dalian
<p><b>YUANDA VALVE GROUP CO., LTD.</b>  Xiyin Village, Yincun Town, Longyao County, Hebei Province, Tel: +86 319-6625009 6625099 (national) +86 319-6629992 6625220 (international) Fax: +86 319-6628991 (national) +86 319-6625066 (international) E-mail: xiaoshou@hbyuanda.com (national) business@hbyuanda.com (international) Website: www.hbyuanda.com</p> <p>Certificate No: MD00/4617/0001/5 Expiry Date: 28/09/2019</p>	Grey Spheroidal Graphite	0.18 0.18	Qingdao
<p><b>ZHANGZHOU JINDING VALVE CO., LTD.</b>  Guanshan Industrial Zone, Changtai County, Zhangzhou City, Fujian, Tel: + 86-596-8313066 Fax: +86-596-8312335 email: sheyouben@163.com Certificate No MD00/4563/0001/5 Expiry Date: 31/03/2019</p>	Grey Spheroidal Graphite	0.34 0.56	Guangzhou
<p><b>ZHEJIANG CHANGXING QIANJIN</b> MACHINERY FOUNDRY CO., LTD. Industrial Function Area of Sian Town Changxing County Huzhou City Zhejiang Province Tel: +86 572 682 2722 Fax: +86 572 682 2377 Email: 451579229@qq.com Web: http://www.fscnzi.com Certificate Number: MD00/4011/0002/5 Expiry: 21/04/2018</p>	Grey	7.75	Shanghai Port

**List 5**  
**Approved Manufacturers**  
**of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
<b>ZHEJIANG HANGJI FOUNDRY CO., LTD.</b> Jiangzao Town Zhuji City Tel: +86 (0)575 87621139 Fax: +86 (0)575 87671789 email: hanjipinbao@163.com web: www.hangji-foundry.com  Certificate #: MD00/4599/0001/5 Expiry date: 25/07/2019	Grey	2.20	Jiangyin
<b>ZHENJIANG OUYE DA MACHINERY MANUFACTURE Co. LTD</b>  No. 333, Lianxi Avenue, Nanxum, Huzhou. 313013, Zhejiang. Tel: 86-572-3562021 Fax: 86-572-3562006  E-mail: zhuachange@ouyeda.com.cn  Website: www.ouyeda.com.cn  Certificate No: MD00/4628/0001/5      Date of Expiry: 06/11/2019	Grey Spheroidal Graphite	6.00 9.00	Shanghai Port

## Croatia

<b>BRODOSPLIT LJEVAONICA d.o.o.</b>  Put Supavla 19 21000 Split Tel: +385 2139 2105 Fax: +385 2138 2323 Email: mailto:ante.piric@brodosplit.hr Web: www.brodosplit.hr Certificate #: MD00/0249/0008/5 Expiry date: 14/10/2019	Grey Spheroidal Graphite	28.00 7.00	Rijeka
<b>LJEVAONICA DUGA RESA d.o.o.</b>  Mrežnicka obala 1 47250 Duga Resa Tel No: +385 47 841 551 Fax +385 47 841 552 Email: ljevaonica-d.resa@ka.t-com.hr Web: www.ljevaonica-dresa.hr Certificate No: MD00/4292/0001/5      Expiry Date 23/02/2017	Spheroidal Graphite	0.61	Zagreb
<b>METALSKA INDUSTRIJA VARAŽDIN d.d.</b>  Fabijanska 33 42000 Varaždin Tel: +385 42 404 100 Fax: +385 42 242 004 Email: renato.martinjak@miv.hr Web: http://www.miv.hr Certificate #: MD00/1013/0008/5 Expiry date: 19/08/2020	Grey Spheroidal Graphite	7.60 7.60	Zagreb

## Czech Republic

<b>ARCELORMITTAL ENGINEERING PRODUCTS OSTRAVA s.r.o.</b>  Vratimovska 689 707 02 Ostrava Kuncice Tel No: +420595687238 Fax No: +420595687238 E-mail: daniel.dolezal@arcelormittal.com Web: http://www.arcelormittal.com/ostrava Certificate #: MD00/4675/0001/5 Expiry date: 10/12/2019	Grey Spheroidal Graphite	15.00 15.00	Prague
<b>ARCELORMITTAL OSTRAVA a.s.</b>  Vratimovská 689 707 02 Ostrava-Kuncice Tel No: +420595687238 Fax No: +420595687238 E-mail: daniel.dolezal@arcelormittal.com Web: http://www.arcelormittal.com/ostrava Certificate #: MD00/1123/0008/5 Expiry date: 10/12/2019	Grey Spheroidal Graphite	15.00 15.00	Prague
<b>CZ a.s.</b>  divize Slévárna litiny Tovární 202 386 15 Strakonice Tel: +420 383 342 349 Fax: +420 383 343 014 Email: mailto:jan.kovarovic@czas.cz Web: http://www.czas.cz Certificate #: MD00/3224/0004/5 Expiry date: 26/03/2018	Grey Spheroidal Graphite	0.03 0.03	Prague

**List 5**  
**Approved Manufacturers**  
**of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
<b>ING. MATAS - SLEVARNA STRASICE, SPOL. S R.O.</b>  Strasice c.p.51, 33845 Strasice, Tel: +420 371 793 161 Fax: +420 371 793 190 email to: <a href="mailto:slev@centrum.cz">slev@centrum.cz</a> web: <a href="http://www.giesserei-strasice.de">www.giesserei-strasice.de</a>  Certificate No.: MD00/4001/0003/5 Expiry Date: 17/03/2018	Grey Spheroidal Graphite	17.00 8.00	Prague
<b>PILSEN STEEL s.r.o.</b>  Tylova 1/57 316 00 Plzen Tel: +420 378 134 225 Mob: +420 603 587 246 email: <a href="mailto:karel.rau@pilsensteel.cz">karel.rau@pilsensteel.cz</a> web: <a href="http://www.pilsensteel.cz">www.pilsensteel.cz</a> Certificate #: MD00/1383/0009/5 Expiry date: 22/03/2020	Grey Spheroidal Graphite	80.00 80.00	Prague
<b>Slevarna Kurim, a.s.</b>  (The Kurim foundry Joint Stock Company) Blanenská, 157 66434 Kurim Tel no: +420 541 102 423 Fax no: +420 541 102 688 Email: <a href="mailto:marketing@slevarna-kurim.cz">marketing@slevarna-kurim.cz</a> Web: <a href="http://www.slevarna-kurim.cz">http://www.slevarna-kurim.cz</a> Certificate No: MD00/4198/0002/5 Expiry date 04/07/2019	Grey Spheroidal Graphite	14.00 8.69	Prague
<b>UNEX a. s.</b>  Brnicko 1032 783 93 UNICOV Tel: +420 585 853 120 Fax: +420 585 853 102 Email: <a href="mailto:karel.vytrisal@unex.cz">karel.vytrisal@unex.cz</a> Web: <a href="http://www.unex.cz">www.unex.cz</a> Certificate #: MD00/2259/0005/5 Expiry date: 20/10/2019	Spheroidal Graphite	2.00	Prague
<b>VUHZ a. s.</b>  Dobrá 240 ZIP 739 51 Tel: +420 558 601 111 Fax: +420 558 601 211  E-mail: <a href="mailto:vuhz@vuhz.cz">vuhz@vuhz.cz</a>  Website: <a href="http://www.vuhz.cz">www.vuhz.cz</a>  Cert No: Expiry Date:	Grey Spheroidal Graphite	0.80 0.23	Prague
<b>Vitkovické slevárny, spol. s r.o.</b>  Halasova 2904/1 706 02 Ostrava-Vitkovice Tel: +420 59 595 4510 Fax: +420 59 595 6985 Email: <a href="mailto:mailto:olecka@vitkovickeslevarny.cz">mailto:olecka@vitkovickeslevarny.cz</a> Web: <a href="http://www.vitkovickeslevarny.cz">http://www.vitkovickeslevarny.cz</a> Certificate #: MD00/2207/0007/5 Expiry date: 07/05/2019	Grey Spheroidal Graphite	4.50 4.50	Prague

## Denmark

<b>JERNSTØBERIET DANIA ApS</b>  Markedsvej, 21 9600 Aars Tel: +45 98 62 1911 Fax: +45 98 62 2756 email: <a href="mailto:psd@danias.dk">psd@danias.dk</a> web: <a href="http://www.danias-as.dk">www.danias-as.dk</a>  Certificate: MD00/3701/0004/5 Expiry date: 03/02/2020 Including S.G. Iron Crankshafts	Grey Spheroidal Graphite	1.00 1.00	Copenhagen
<b>SABRO A/S</b>  Holmagervej 2 DK - 8543 Hornslet Tel: +45 8785 1105 Fax: +45 8785 1200  E-mail: <a href="mailto:freddy.pedersen@sabro.com">freddy.pedersen@sabro.com</a>  Website: <a href="http://www.sabro.as">www.sabro.as</a>  The scope of approval includes SG iron crankshafts.  Certificate Number: MD00/1289/0008/5 Expiry: 13/08/2019	Grey Spheroidal Graphite	3.00 3.00	Copenhagen

**List 5**  
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**of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
<b>SKAGEN JERNSTØBERI A/S</b> Industrivej 18 DK -9982 Aalbaek Tel No: +45 984 88277 email: skagenjern@mail.tele.dk web: www.skagenjern.dk Certificate No MD00/3350/0004/5 Expiry date 18/06/2019	Grey	2.00	Copenhagen
<b>ULDALLS JERNSTØBERI A/S</b>  Søndergade 93 DK-6600 Vejen Tel No. +45 75 36 06 22  E-mail: adm@Uldall.dk  Web www.uldall.dk  Certificate #: MD00/4197/0002/5 Expiry date: 03/07/2019	Grey Spheroidal Graphite	2.50 2.50	Copenhagen

## Finland

<b>COMPONENTA FINLAND LTD, HÖGFORS</b>  Bremerintie, 03600 Karkkila, Tel No: +358 10 403 00 Fax No:+358 10 4032614 Email jarmo.laine@componenta.com Web www.componenta.com Certificate No: MD00/4159/0003/5 Expiry date 04/05/2019	Grey Spheroidal Graphite	0.40 0.30	Helsinki/Helsingfors
<b>LEINOVALU OY</b>  Leinonkatu 5 FIN-24100 Salo Tel: +358 2 7750244 Fax: +358 2 7750223 Email: mailto:juha.karlsson@leinovalu.fi Web: http://www.leinovalu.fi Certificate #: MD00/1841/0007/5 Expiry date: 24/05/2017	Grey Spheroidal Graphite	6.00 6.00	Helsinki/Helsingfors
<b>PEIRON OY</b>  Teollisuustie 4 FI-32810 PEIPOHJA Tel: + 358 50 317 4267 Fax: + 358 20 7509401 E-mail: mailto: markku.eljaala@peiron.com Web:www.peiron.com  Certificate #: MD00/1196/0007/5 Expiry date: 28/03/2018	Spheroidal Graphite	5.00	Helsinki/Helsingfors
<b>SUOMIVALIMO OY</b>  Parkatintie 31 74120 IISALMI Tel: +358 (0)10 403 00 Email:mailto:antti.komulainen@componenta.com Web:http://www.componenta.com Certificate #: MD00/2586/0007/5 Expiry date: 16/08/2017	Spheroidal Graphite	1.10	Helsinki/Helsingfors
<b>VALMET TECHNOLOGIES OY</b>  Rautpohjan Valimo PO Box 342 FIN-40101 Jyväskylä Tel +358 40 5705611 Email: ari.mourujarvi@valmet.com Certificate #: MD00/1619/0008/5 Expiry date: 14/01/2019	Grey Spheroidal Graphite	80.00 80.00	Helsinki/Helsingfors

## France

<b>FOCAST CHATEAUBRIANT</b>  32 Rue Armand Franco BP 109 44143 Chateaubriant Cedex Tel: +33 (0)2 40 81 25 84 Fax: +33 (0)2 40 81 45 47 Email: buge@focast.fr *accepted for approved applications  Certificate #: MD00/0500/0009/5 Expiry date: 02/07/2020	Grey Spheroidal Graphite Compacted Graphite	3.00 3.00 3.00	Nantes
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**List 5**  
**Approved Manufacturers**  
**of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
<b>FONDERIE GHM s.a.s</b>  140 Rue Mauljean 52130 Wassy, <i>Tel No: +33 (0) 3 25 96 96 16 Fax No: +33 (0) 3 25 56 73 77</i> <i>email: sebastien.leroy@fonderie-ghm.fr web: www.ghm.fr</i>  <i>Certificate #: MD00/3597/0003/5 Expiry date: 20/01/2018</i>	Grey Spheroidal Graphite	0.18 0.11	Lyon
<b>FONDERIE GIROUD INDUSTRIE</b> B.P. 39 - RN 90 38530 BARRAUX <i>Tel. +33 476 97 12 42 Fax +33 476 97 12 51</i>  <i>E-mail: fabian.ferlat@giroudfonderie.com</i>  <i>Website: www.giroudfonderie.com</i>  <i>Certificate #: MD00/0604/0007/5 Expiry date: 22/05/2019</i>	Spheroidal Graphite	3.50	Lyon
<b>FONDERIES ET ATELIERS DE CONSTRUCTION</b>  FERRY CAPITAIN Usine de Bussy BP 33 52300 Joinville <i>Tel: +33 325 949724 Mob: +33 6 78 36 07 25 Fax: f.rahl@ferrycapitain.fr</i> <i>email: emmanuel.chevalier@ferrycapitain.fr web: www.ferrycapitain.com</i> <i>Certificate #: MD00/0519/0007/5 Expiry date: 17/05/2019</i>	Grey Spheroidal Graphite	60.00 60.00	Lyon
<b>FONDERIES de BROUSSEVAL et MONTREUIL</b>  Brousseval 52130 Wassy <i>Tel: +33 325 55 74 74 Fax: +33 325 55 73 27 Email: mailto:fbm@fbm-fonderies.fr Web: http://www.fbm-fonderies.fr</i> <i>Certificate Number: MD00/0517/0008/5 Expiry: 28/02/2018</i>	Grey Spheroidal Graphite	2.00 2.00	Lyon
<b>LA FONTE ARDENNAISE S.A.</b> RN 51 08170 Haybes Sur Meuse <i>Tel: +33 (0)3 24 53 64 96 Mob: +33 (0)6 11 37 29 20</i> <i>email: fmorassi@la-fonte-ardennaise.com web: www.ifa.group.com</i>  <i>Certificate No: MD00/0911/0006/5 Expiry date: 06/01/2017</i>	Spheroidal Graphite	0.03	Lyon
<b>LA FONTE ARDENNAISE S.A.</b> 11, Rue Joliot Curie, F-08440 Vivier Au Court <i>Tel: +33 324 536496 +33 3611 372920</i> <i>Email: fmorassi@la-fonte-ardennaise.com</i>  <i>Certificate No: MD00/3932/0002/5 Expiry date: 06/01/2017</i>	Spheroidal Graphite	0.03	Lyon
<b>SOCIÉTÉ NOUVELLE</b>  FONDERIES ET ATELIERS SALIN Rue du Fourneau 55000 DAMMARIE-SUR-SAULX <i>Tel +33 329 7685 24 Fax: +33 33 32976 9892</i> <i>email: thomas.lentz@fonderiesalin.com web: www.fonderiesalin.com</i> <i>Certificate #: MD00/3283/0004/5 Expiry date: 12/11/2018</i>	Grey Spheroidal Graphite	30.00 30.00	Lyon

## Germany

<b>AB-GUSStech GmbH</b>  Schweinheimer Str.34, 63743 Aschaffenburg <i>Tel No. +49 6021 66 1280 Fax No +49 6021 99 1244</i> <i>email cafer.filiz@linde-mh.de web www.linde-hydraulics.com</i> <i>Certificate No MD00/3831/0002/5 Expiry date: 18/09/2016</i>	Grey Spheroidal Graphite	0.09 0.09	Hamburg
<b>ALLWEILER GmbH</b>  Allweilerstrasse 1 D78315 Radolfzell <i>Tel: +49 (0) 7732 86-531 Fax: +49 (0) 7732 86-556 Email: m.windl@allweiler.de Web: http://www.allweiler-giessereitechnik.com</i> <i>The scope of approval does not include for the heat treatment of iron castings.</i> <i>Certificate Number: MD00/3980/0002/5 Expiry date: 05/12/2017</i>	Grey Spheroidal Graphite	0.25 0.60	Hamburg

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Name and Address	Grade	Max Weight Tonnes	Office
<b>BOSCH REXROTH AG</b>	Grey Spheroidal Graphite	12.50 12.50	Hamburg
<p>REXROTH GUSS Zum Eisengießer 1 D-97816 Lohr am Main Tel +49 9352 18 2375 Fax +49 9352 18 3543 Email :werner.otto@boschrexroth.de Certificate No. MD00/0978/0008/5 Expiry date: 12/09/2020</p>			
<b>BRECHMANN-GUSS</b>	Spheroidal Graphite	1.50	Hamburg
<p>Josef Brechmann GmbH &amp; Co. KG Hauptstraße 37-39 D-33758 Schloß Holte-Stukenbrock Tel: +49 (0)5207 8904-36 Fax: +49 (0)5207 8904-84 Email: r.berthold@brechmann-guss.de Web: http://www.brechmann-guss.de Certificate No. MD00/0219/0007/5 Expiry date: 13/04/2020</p>			
<b>BUCHHOLZ &amp; CIE, GIESSEREI GmbH</b>	Grey Spheroidal Graphite	2.60 3.50	Hamburg
<p>Pirmasenser Straße 106-108 66482 Zweibrücken el: +49 (0)6332 4799 Fax: +49 (0)6332 4799 Email: sb@buchholz-guss.de Web: http://www.buchholz-guss.com Certificate No. MD00/4185/0002/5 Expiry date: 19/06/2019</p>			
<b>CAROLINENHÜTTE GmbH</b>	Grey Spheroidal Graphite	8.00 4.50	Hamburg
<p>D-93183 Kallmünz Tel: +49 9473/940720 Fax: +49 9473/940751  E-mail: m.hoellein@carolinenhuette.de  Website: carolinenhuette.de  Certificate No. MD00/1228/0009/5 Expiry date: 26/06/2020</p>			
<b>CATERPILLAR CASTINGS KIEL GmbH</b>	Grey Spheroidal Graphite	60.00 60.00	Kiel
<p>Falckensteiner str. 2 24159 Kiel Tel: +49 431 9089 2999 Fax: +49 431 9089 2949 Email: mailto:info@giesserei-kiel.de Web:http://www.giesserei-kiel.de Expiry date: 04/07/2019</p>			
<b>DAIMLER AG</b>	Grey Spheroidal Graphite Compacted Graphite	0.50 0.50 0.22	Hamburg
<p>MERCEDES-Benz Werk Mannheim, Foundry Hanns-Martin-Schleyer Str. 21-57 68299 Mannheim Tel: +49 (0)621 393 3029 Fax: +49 (0)711 3052 131928  Email: walter.wolf@daimler.com  Website: www.daimler.com  Certificate No. MD00/2804/0007/5 Expiry date: 23/06/2019</p>			
<b>DOSSMANN GmbH</b>	Grey Spheroidal Graphite	7.00 4.00	Hamburg
<p>Eisengießerei und Modellbau Amorbacher Str.43 74731 Walldürn-Rippberg Tel: +49 (0)6286 1829/1845 Fax: +49 (0)6286 1820 Email: carsten.hauk@dossmann.de Web:http://www.dossmann.de Certificate No. MD00/0417/0008/5 Expiry date: 12/06/2020</p>			
<b>DUKTIL GUSS FÜRSTENWALDE GmbH</b>	Grey Spheroidal Graphite	0.20 0.20	Hamburg
<p>HAWLE GUSS GmbH Saarower Chaussee 34 D-15517 Fürstenwalde Tel: +49 (0)3361 7722-0 Fax: +49 (0)3361 7722-55 Email: mailto:th.menz@duktil-guss.de Web: http://www.duktil-guss.de Certificate No. MD00/1985/0008/5 Expiry date: 03/08/2020</p>			

**List 5**  
**Approved Manufacturers**  
**of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
<b>EISENGIESSEREI KARLSHÜTTE GmbH</b>  Imperialstrasse 100-104, DE-32257 Bünde Tel: +49 05223/65099-28 Fax: +49 05223/65099-25 Email: sylke.franke@karlshuette.de website: www.karlshuette.de Certificate Number: MD00/4673/0001/5 Expiry date: 08/04/2020	Grey Spheroidal Graphite	0.06 0.06	Hamburg
<b>EISENGIESSEREI O. GATTERMANN GmbH &amp; CO. KG</b>  Nonnensteg 1 37586 Dassel Tel: +49 (0)5564/972048 Fax: +49 (0)5564/9720-66 Email: bestellung@gattermann-guss.de Web www.gattermann-guss.de Certificate No. MD00/3163/0005/5 Expiry date: 30/05/2020	Grey Spheroidal Graphite	0.80 0.80	Hamburg
<b>EISENGIESSEREI TORGELOW GmbH</b>  Borkenstraße 15a 17358 Torgelow Tel: +49 3376439-37 Fax: +49 3676439-42 Email: mailto:weiss@eisengiesserei-torgelow.de Web: http://www.eisengiesserei-torgelow.de Certificate No. MD00/0601/0008/5 Expiry date: 14/07/2018	Grey Spheroidal Graphite	40.00 40.00	Hamburg
<b>EISENWERK ERLA GMBH</b>  Gießereistraße 1 D-08340 Schwarzenberg Tel: +49 3774 123 333 Fax: +49 3774 123 317 Email: mailto:b.dehne@jkm-erla.com Web: http://www.jkm-erla.com Certificate Number: MD00/1326/0006/5 Expiry date: 20/01/2016	Grey Spheroidal Graphite	0.12 0.12	Hamburg
<b>EISENWERK HASENCLEVER &amp; SOHN GmbH</b>  Auhammer 1 D-35088 Battenberg Tel: +49 (0) 6452 801 176 Fax: +49 (0) 6452 801 111  E-mail: mailto:tlouant@hasenclever.com  Website: www.hasenclever.com  Certificate Number: MD00/2874/0006/5 Expiry date: 04/04/2020	Grey Spheroidal Graphite	0.50 0.50	Hamburg
<b>EISENWERK MARTINLAMITZ GmbH</b>  D-95126 Schwarzenbach/Saale Tel: +49 9284 93414 Fax: +49 928 493445 Email: j.symmank@ewm-martinlamitz.de Web http://www.ewm-martinlamitz.de Certificate No: MD00/3935/0003/5 Expiry date: 22/07/2020	Spheroidal Graphite	0.20	Hamburg
<b>EMDE INDUSTRIE-TECHNIK</b>  Gesellschaft für Rationalisierung und Verfahrenstechnik mbH Atzendorfer Str. 19 39418 Staßfurt Tel: +49 (0) 39 25985  Certificate No. MD00/2881/0001/5 Expiry date: 09/02/2019	Grey Spheroidal Graphite	20.00 20.00	Hamburg
<b>EMG CASTING AG</b>  Teplitzer Strasse 22 D-84478 Waldkraiburg Tel: +49 (0)8638 6006-0 Fax: +49 (0)8638 6006-70 Email: koehler@emgguss.de website: www.emgguss.de Certificate No. MD00/2881/0006/5 Expiry date: 28/04/2020	Grey Spheroidal Graphite	0.20 0.20	Hamburg
<b>ENA Guss Albrück GmbH</b>  Albrück Alte Landstrasse 7 D-79774 Albrück Postal address; ENA Guss GmbH, Alte Landstrabe 7, 79774, Albrück Tel: +49 (0) 7753 920377 Fax: +49 (0) 7753 920337 Email: mailto: stricksner@ena-guss.de Web: http://www.ena-guss.de Certificate No. MD00/3117/0005/5 Expiry date: 12/05/2017	Grey Spheroidal Graphite	3.50 2.00	Hamburg
<b>ESTERER GIESSEREI WERK WURZEN GmbH</b>  Dresdener Straße 40 D-04808 Wurzen Tel: +49 3425 895388 Fax: +49 3425 895386 Email: heubach@esterer-giesserei.de Web: www.esterer-giesserei.de Certificate No. MD00/3129/0005/5 Expiry date: 13/01/2020	Grey Spheroidal Graphite	2.00 2.00	Hamburg

**List 5**  
**Approved Manufacturers**  
**of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
<b>Bickhoff Gießerei GmbH</b> Am Eickhoffpark 1, D-44789 Bochum Tel +49 234 975 2766 Fax: +49 234 975 2411  Email: h.mueller@eickhoff-bochum.de  Website: ww.eickhoff-bochum.de  Certificate No. MD00/0439/0013/5 Expiry date: 20/02/2020	Spheroidal Graphite	5.00	Hamburg
<b>F.A. SCHNEIDER GmbH</b> Eisen- und Metallgießerei, Ausschnippe 51-55, 37170 Uslar Tel: +49 5571 6035 Fax: +49 5571 5830 email: info@schneiderguss.de web: www.schneiderguss.de  Certificate No: MD00/4501/0001/5 Expiry Date: 19/07/2018	Spheroidal Graphite	0.25	Hamburg
<b>FRIEDRICH ISCHEBECK GmbH</b> Loher Str.31-79, 58256 Ennepetal Tel No:+49 (0) 2333 8305 0 Fax No: +49 (0) 2333 8305 33 Email: giesserei@ischebeck.de Web: www.ischebeck.de Certificate No: MD00/3916/0003/5 Expiry date: 26/05/2020	Grey	0.04	Hamburg
<b>FRIEDRICH KÖSTER GMBH &amp; CO. KG</b>  Maschinenfabrik und Gießerei Friedrichswerk 1-7 D-25746 Heide Tel: +49 481 979 0 Fax: +49 481 979 0 Email: mailto:e.kroeger@koester-heide.de Web: http://www.koester-heide.de Certificate No. MD00/3242/0005/5 Expiry date: 30/06/2015	Grey Spheroidal Graphite	2.10 1.75	Kiel
<b>FRIEDRICH WILHELMS-HÜTTE EISENGUSS GmbH</b>  Friedrich-Ebert-Straße 125 D-45473 Mülheim an der Ruhr Tel: +49 208 451 7063 Fax: +49 173 285 0037 Mobile: +49 (0)173 285 0037 Email: mailto:Stellmacher@FWH.de Web: http://www.fwh.de Certificate Number: MD00/3267/0004/5 Expiry: 27/07/2018	Grey Spheroidal Graphite	160.00 160.00	Hamburg
<b>FRITZ WINTER EISENGIEßEREI GMBH &amp; CO. KG</b>  Albert-Schweitzer-Strasse 15 D-35260 Stadtallendorf Tel: +49 (0)6428 78 6150 Fax: +49 (0)6428 77 6150 Email mailto: quality@fritzwinter.de Web http://www.fritzwinter.de Certificate No. MD00/2263/0007/5 Expiry date: 23/10/2019	Grey Spheroidal Graphite Compacted Graphite	1.20 1.20 1.20	Hamburg
<b>FRONBERG GUSS GMBH</b>  Maximilian Str. 13 D-92421 Schwandorf/Fronberg Tel: +49 9431 729 180 Fax: +49 9431 729 131 Email:juergen.rath@fronberg-guss.com Web http://www.fronberg-guss.com Certificate No. MD00/0599/0007/5 Expiry date: 05/01/2019	Grey Spheroidal Graphite	13.00 13.00	Hamburg
<b>GIENANTH GMBH</b>  Ramsener Straße 1 67304 Eisenberg Tel: +49 (0)6351 408-183 Fax: +49 (0)6351 408-239 Email: erner.hofmann@gienanth.com Web: http://www.gienanth.com Certificate No. MD00/0588/0009/5 Expiry date: 22/11/2018	Grey Spheroidal Graphite	6.50 6.50	Hamburg
<b>GIESSEREI HEUNISCH STEINACH GmbH</b>  Lauschaer Str. 70-74 96523 Steinach/Thüringen Tel: +49 36762 37725 Fax: +49 36762 37773 email: mario.rapoehn@heunisch-steinach.de web www.heunisch-guss.com Approval includes S.G. iron crankshafts. Certificate No. MD00/2186/0007/5 Expiry date: 28/01/2019	Grey Spheroidal Graphite	2.50 2.50	Hamburg



**List 5**  
**Approved Manufacturers**  
**of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
<b>GIESSEREI SCHMIDT GmbH &amp; CO.</b>	Grey Spheroidal Graphite	0.50 0.50	Bremerhaven
<p>Neue Industriestrasse 4 27472 Cuxhaven Tel: +49 (0)4721 39390</p> <p>E-mail: <a href="mailto:info@giesserei-schmidt.de">info@giesserei-schmidt.de</a></p> <p>Certificate No. MD00/0600/0008/5 Expiry date: 08/03/2020</p>			
<b>GIßEREI HEUNISCH GmbH BAD WINDSHEIM</b>	Grey Spheroidal Graphite	0.70 0.70	Hamburg
<p>Hofmanstrasse 25a D-91438 Bad Windsheim Tel: +49 9841 4083312 Fax: +49 9841 40839312 Email: <a href="mailto:Marco.Herrmannr@heunisch-guss.com">Marco.Herrmannr@heunisch-guss.com</a> Web: <a href="http://www.heunisch-guss.com">http://www.heunisch-guss.com</a> Certificate No. MD00/2067/0007/5 Expiry date: 08/03/2018</p>			
<b>GIßEREI RADEBERG GmbH</b>	Spheroidal Graphite	0.80	Hamburg
<p>Heinrich-Gläser-Str. 1 D-01454 Radeberg Tel: +49 (0)3528 43 67 15 Fax: +49 (0)3528 44 23 18 Email: <a href="mailto:koch@giesserei-radeberg.de">koch@giesserei-radeberg.de</a> Web: <a href="http://www.giesserei-radeberg.de">http://www.giesserei-radeberg.de</a> Certificate No. MD00/2888/0006/5 Expiry date: 15/05/2020</p>			
<b>GONTERMANN-PEIPERS GMBH</b>	Grey Spheroidal Graphite	30.00 30.00	Hamburg
<p>Marienborner Straße 49 D-57074 Siegen Tel: +49 (0)271 60 606 Fax: +49 (0)271 60 5359 email <a href="mailto:agaedkte@gontermann-peipers.de">agaedkte@gontermann-peipers.de</a> web <a href="http://www.gontermann-peipers.de">www.gontermann-peipers.de</a></p> <p>Manufacturer of semi - finished bar stock Including alloyed grey cast irons. Weight approved according to the casting process</p> <p>Up to 30 T hand mould and chill cast Up to 10 T Centrifugal and continuous cast</p> <p>Certificate No. MD00/3376/0004/5 Expiry date: 16/09/2019</p>			
<b>HARZ GUSS ZORGE GMBH</b>	Grey Spheroidal Graphite	0.13 0.13	Hamburg
<p>HGZ GIESSEREI GMBH CO. KG Walkenrieder Straße 32 D-37449 Zorge Tel +49 5586 802 118 Fax +49 5586 802 213 Email: <a href="mailto:michael.dalbert@harzguss.de">michael.dalbert@harzguss.de</a> Web <a href="http://www.harzguss.de">http://www.harzguss.de</a> Certificate No. MD00/2733/0006/5 Expiry date: 22/09/2018</p>			
<b>HARZER WERKE MOTORENTECHNIK GmbH</b>	Grey	1.00	Hamburg
<p>Michaelsteiner Straße 29 D-38889 Blankenburg Tel. +49 (0) 3944 9200 Fax +49 (0) 3944 920 203 Email <a href="mailto:vertrieb@herzerwerke.de">vertrieb@herzerwerke.de</a> Web page <a href="http://www.harzerwerke.de">http://www.harzerwerke.de</a> Certificate No. MD00/0656/0007/5 Expiry date: 21/03/2020</p>			
<b>HEGERGUSS GmbH</b>	Grey Spheroidal Graphite	20.00 20.00	Hamburg
<p>Donnersbergstr. 48 67677 Enkenbach-Alsenborn Tel +49 (0)6303 803 121 Fax: +49 (0)6303 803 222 Email: <a href="mailto:benjamin.wilden@heger-guss.de">benjamin.wilden@heger-guss.de</a> Web: <a href="http://www.heger-gruppe.com">www.heger-gruppe.com</a> Certificate No. MD00/3271/0004/5 Expiry date: 05/09/2018</p>			
<b>HEIDENREICH &amp; HARBECK GmbH</b>	Grey Spheroidal Graphite	8.00 6.00	Hamburg
<p>Grambeker Weg 25/29 23879 Mölln Tel: +49 (0)4542 824-0 Fax: +49 (0)4542 824-139 Email: <a href="mailto:gg@hh-moelln.de">gg@hh-moelln.de</a> Web: <a href="http://www.hh-moelln.de">http://www.hh-moelln.de</a> Certificate No. MD00/0499/0006/5 Expiry date: 06/10/2015</p>			
<b>HERMANN RECKERS GmbH &amp; Co.KG</b>	Grey Spheroidal Graphite	0.10 0.10	Hamburg
<p>Eisengießerei Dille 9 D-48432 Rheine-Mesum Tel: +49 (0) 5975 928 066 Fax: +49 (0) 5975 928 030 Email: <a href="mailto:mailto:jstrotmeier@reckers-online.de">mailto:jstrotmeier@reckers-online.de</a> Web: <a href="http://www.reckers-online.de">http://www.reckers-online.de</a> Certificate Number: MD00/1235/0007/5 Expiry: 31/12/2017</p>			

**List 5**  
**Approved Manufacturers**  
**of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
<b>HULVERSHORN EISENGIESSEREI GmbH &amp; Co. KG</b>  Franzstraße 60 D-46395 Bocholt Tel: +49 (0) 2871 9901-256 Email:mailto:m.schmidt@hubo.de Web:http://www.hubo.de Certificate No. MD00/2323/0006/5 Expiry date: 05/05/2017	Grey Spheroidal Graphite	8.00 8.00	Hamburg
<b>ISSELGUSS GMBH GIEßEREIERZEUGNISSE</b>  Minervastraße 1, D-46419 Isselburg Tel: +49 2874 390 Fax: +49 2874 39 294  Certificate No:MD00/4538/0001/5 Expiry Date: 03/01/2019	Grey Spheroidal Graphite	0.50 0.50	Hamburg
<b>JÜRGENS GIEßEREI GMBH &amp; CO. KG</b>  Lönsstraße 15 D-48282 Emsdetten Tel: +49 (0)2572 876 751 Fax: +49 (0)2572 876- 73 Email: info@juergens.net Web: http://www.juergens.net Including S.G. iron crankshafts (maximum weight 150 kg) Certificate No. MD00/0806/0007/5 Expiry date: 08/10/2018	Spheroidal Graphite	1.00	Hamburg
<b>KARCHER GUSS GMBH</b>  Oberrothweg 18 77652 Offenburg Tel: +49 (0)781 925317 Email: mailto:r.kirmse@karcher-guss.de Web: http://www.karcher-guss.de Certificate No. MD00/0827/0008/5 Expiry date: 20/04/2019	Grey Spheroidal Graphite	2.50 2.50	Hamburg
<b>KEMPTENER EISENGIEßEREI ADAM HÖNIG AG</b>  Im Allmey 4 1/2 D-87435 Kempten Tel: +49 (0)831 58110-0 Fax: +49 (0)831 83014 Email mailto:info@kemptener-eisengießerei.de Web: http://www.kemptener-eisengießerei.de Certificate No. MD00/2991/0004/5 Expiry date: 14/07/2015	Grey Spheroidal Graphite	8.00 8.00	Hamburg
<b>KSB AG.</b>  Giesserei Pegnitz Bahnhofplatz 1 D-91257 Pegnitz Tel: +49 (0)9241 71 1124 Fax: +49 (0)9241 71 1780 Email: mailto:norbert.kieslinger@ksb.com Web: http://www.ksb.com Certificate No. MD00/0854/0007/5 Expiry date: 05/02/2018	Grey Spheroidal Graphite	5.00 5.00	Hamburg
<b>KURTZ EISENGUSS GmbH &amp; Co KG</b>  Eisenhammer D 97907 Hasloch Tel: +49 (0)9342 805 116 Fax +49 (0)9342 807 404 email andre.schiche@kurtzsa.de web www.kurtzsa.de Certificate No. MD00/3328/0004/5 Expiry date: 25/03/2019	Grey Spheroidal Graphite	1.50 1.50	Hamburg
<b>Luitpoldhütte GmbH</b>  Sulzbacher Str. 121 92224 Amberg Tel: +49 (0)9621/640 337 Fax: +49 (0)9621/640 478 Email: mailto:christian.sperl@luitpoldhutte.de Certificate No. MD00/2047/0008/5 Expiry date: 02/01/2018	Grey Spheroidal Graphite	0.60 0.60	Hamburg
<b>LÜNEBURGER EISENWERK GmbH</b>  Gebrüder-Heyn-Str. 1 21337 Lüneburg Tel: +49 4131 8917 19 Fax: +49 4131 8917 22 email: jsorge@lew-gmbh.de web: www.lueneburger-eisenwerk.de  Certificate No. MD00/0954/0007/5 Expiry date: 12/01/2020	Grey Spheroidal Graphite	10.00 5.00	Hamburg
<b>M. JÜRGENSEN GmbH &amp; CO. KG</b>  Markschell 3 D-24966 Sörup-Möllmark Tel: +49 4635 299 0 Fax: +49 4635 299 100 Email: mailto:info@m-juergensen.de web: http://www.m-juergensen.de Certificate No. MD00/0807/0010/5 Expiry date: 29/01/2018	Grey Spheroidal Graphite	5.00 5.00	Kiel
<b>MAN DIESEL &amp; TURBO SE</b>  Stadtbachstr. 1 D-86153 Augsburg Tel: +49 821 322 38 78 Fax: +49 821 322 12 70 Email: eric.faber@man.eu Web: http://www.mandieselturbo.com Certificate No. MD00/0957/0008/5 Expiry date: 11/05/2020	Grey Spheroidal Graphite	120.00 120.00	Hamburg

**List 5**  
**Approved Manufacturers**  
**of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
<b>MAN TRUCK &amp; BUS AG</b>	Grey Spheroidal Graphite	0.07 0.07	Hamburg
<p>Geschäftseinheit Motoren, Giesserei MWFG Vogelweiherstr. 33 D-90441 Nürnberg Tel: +49 911 420 1767 Fax: +49 911 420 921767 email: johann.boehm@man.eu Certificate No. MD00/2404/0006/5 Expiry date: 06/07/2017</p>			
<b>METALLWERK FRANZ KLEINKEN GmbH</b>	Grey Spheroidal Graphite	30.00 15.00	Hamburg
<p>Westwall 31 D-46282 Dorsten Tel: +49 (0)2369 91 5434 Fax: +49 (0)2369 91 5432 Email: Schaff@kleinken.de Web: http://www.kleinken.de Certificate No. MD00/2387/0007/5 Expiry date: 03/06/2020</p>			
<b>MEUSELWITZ GUSS EISENGIEßEREI GmbH</b>	Grey Spheroidal Graphite	20.00 20.00	Hamburg
<p>Industriepark Nord D-04610 Meuselwitz Tel +49 03448 82300 Fax +49 03448 82115 Mobile: +49 (0)160 1873227 Email: mailto:andreas.werner@meuselwitz-guss.de Web:http://www.meuselwitz-guss.de Certificate No. MD00/1801/0007/5 Expiry date: 23/05/2018</p>			
<b>PLEISSNER GUSS GmbH</b>	Austenitic*	5.00	Hamburg
<p>Duderstädter Straße 17 D-37412 Herzberg el +49 5521 83204 Fax +49 5521 83203 Mobile: +49 173 7393290 Email: vertrieb@pleissner-guss.de Web:http://www.pleissner-guss.de Certificate No. MD00/1203/0002/5 Expiry date: 24/11/2019</p>			
<b>PLEISSNER GmbH</b>	Grey Spheroidal Graphite	7.00 7.00	Hamburg
<p>Gerberstr. 27 D-31008 Elze Tel: +49 (0)5068 463 62 Fax: +49 (0)5068 463 65 Email: certrieb@pleissner.de Web: http://www.pleissner.de Certificate No. MD00/1204/0007/5 Expiry date: 28/07/2017</p>			
<b>PROCAST GUSS GmbH</b>	Spheroidal Graphite	0.40	Kiel
<p>Nortorfer Gusswerk Gießereiweg 17 D-24589 Nortorf Heat treatment is sub contracted.  Tel: +49 4392 9129 31 Fax: +49 4392 9129 25 Email: mailto:h.hasse@classguss.de Web: http://www.classguss.de Certificate No. MD00/3241/0005/5 Expiry date: 30/07/2018</p>			
<b>PROCAST GUSS GmbH</b>	Grey Spheroidal Graphite	0.40 0.40	Dortmund
<p>Christophorusütte Brockhäger Straße 217 D-3330 Gütersloh Tel: +49 (0) 5241 938 249 Fax: +49 (0) 5241 938 289 Email: a.poppenborg@procast-guss.de Web: http://www.procast-guss.de Certificate No. MD00/4693/0001/5 Expiry date: 29/04/2020</p>			
<b>REINHARD TWEER GmbH</b>	Spheroidal Graphite	4.50	Hamburg
<p>Krackser Straße 191 D-33689 Bielefeld-Sennestadt Tel +49 (0) 5205 750163 Fax: +49 (0) 5205 750179 Email:mailto:rts@tweer.de Web:http://www.tweer.de Certificate No. MD00/1573/0007/5 Expiry date: 08/01/2020</p>			
<b>SACHSEN GUSS GmbH</b>	Grey Spheroidal Graphite	30.00 30.00	Hamburg
<p>Obere Hauptstraße 228-230 D-09228 Chemnitz/Wittgensdorf Tel: +49 3722 64 3321 Fax: +49 3722 94 138 Email: mike.apitzsch@siemens.com Web: http://www.flender-guss.de Certificate No. MD00/0498/0008/5 Expiry date: 25/03/2019</p>			
<b>SCHONLAU-WERKE</b>	Grey Spheroidal Graphite	4.00 4.00	Hamburg
<p>Maschinenfabrik und Eisengießerei GmbH &amp; Co. KG Ernst-von-Bayern-Straße 22 D-59590 Geseke Tel +49 2942 507466 Fax +49 2942 50511 Email:mailto:essrs@schonlau-werke.de Web:http://www.schonlau-werke.de Including S.G. iron crankshafts Certificate #: MD00/1325/0007/5 Expiry date: 02/05/2020</p>			

**List 5**  
**Approved Manufacturers**  
**of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
<b>SHW CASTING TECHNOLOGIES GmbH &amp; Co. KG</b>	Grey Spheroidal Graphite	85.00 85.00	Hamburg
<p>Werk Wasseralfingen Stiewingstraße 101 D073433 Arlen Tel: +49 7361 370 2311 Fax: +49 7361 370 4311 Email: <a href="mailto:mailto:juergen.schlotterer@shw-ct.de">mailto:juergen.schlotterer@shw-ct.de</a> Web: <a href="http://www.shw-ct.de">http://www.shw-ct.de</a> Including S.G. iron crankshafts Certificate #: MD00/1328/0010/5 Expiry date: 18/02/2020</p>			
<b>SHW CASTING TECHNOLOGIES GmbH &amp; Co. KG</b>	Grey Spheroidal Graphite	120.00 120.00	Hamburg
<p>Königsbronn Tel No: +49 7328 83152 Fax no: +49 7328 83418 Email: <a href="mailto:hd.zimmermann@shw-ct.de">hd.zimmermann@shw-ct.de</a> Web: <a href="http://www.shw-ct.de">www.shw-ct.de</a> Certificate No MD00/3966/0002/5 Expiry date 21/12/2017</p>			
<b>SIEMPELKAMP GIESSEREI GmbH</b>	Grey Spheroidal Graphite	250.00 250.00	Hamburg
<p>Siempelkampstraße 45 D-47803 Krefeld Tel: +49 (0)2151 894-314 Fax: +49 (0)2151 894-461 <a href="http://www.siempelkamp.com">http://www.siempelkamp.com</a> Email: <a href="mailto:mailto:arndt.merten@siempelkamp.com">mailto:arndt.merten@siempelkamp.com</a> Web Certificate #: MD00/1377/0007/5 Expiry date: 31/10/2019</p>			
<b>SILBITZ GUSS GmbH</b>	Grey Spheroidal Graphite Compacted Graphite	1.50 10.00 3.50	Hamburg
<p>Dr. - Maruschky- Straße 2 D-07613 Silbitz/Thüringen Tel: +49 (0)3 6693 80-250 Fax: +49 (0)3 6693 80251 Email: <a href="mailto:mailto:jfriede@silbitz-guss.de">mailto:jfriede@silbitz-guss.de</a> Web: <a href="http://www.silbitz-guss.de">http://www.silbitz-guss.de</a> Certificate #: MD00/1382/0009/5 Expiry date: 28/08/2020</p>			
<b>SLR GIESSEREI St. LEON-ROT GmbH</b>	Spheroidal Graphite	0.60	Hamburg
<p>Am Bahnhof 16 68789 St. Leon-Rot Tel +49 6227 527-160 Email: <a href="mailto:mailto:f.schuppener@slr.de">mailto:f.schuppener@slr.de</a> web: <a href="http://www.slr-gruppe.de">http://www.slr-gruppe.de</a> Certificate #: MD00/1266/0007/5 Expiry date: 15/03/2018</p>			
<b>SPEZIALGUSS WETZLAR GmbH</b>	Spheroidal Graphite	65.00	Hamburg
<p>Sophienstraße 52-54 D-35576 Wetzlar Tel: +49 (0)46441 492474 Fax: +49 (0)6441 491592 Email: <a href="mailto:armin.reinhardt@spezialguss.com">armin.reinhardt@spezialguss.com</a> web: <a href="http://www.spezialguss.com">http://www.spezialguss.com</a> Certificate No. MD00/3678/0003/5 Expiry date: 16/08/2017</p>			
<b>Schmiedeberger Gießerei GmbH</b>	Grey Spheroidal Graphite Malleable*	0.11 0.11 0.03	Hamburg
<p>Altenberger Straße 59a D-01744 Dippoldiswalde Tel: +49 (0) 350 52 21 334 Fax: +49 (0) 350 52 65 315 EMail <a href="mailto:mailto:kappelt@schmie-guss.de">mailto:kappelt@schmie-guss.de</a> Web page <a href="http://www.schmie-guss.de">http://www.schmie-guss.de</a> Certificate #: MD00/2322/0007/5 Expiry date: 21/04/2020</p>			
<b>TECHNOGUSS GmbH</b>	Grey Spheroidal Graphite	8.00 8.00	Hamburg
<p>Rudi-Arndt-Straße 15 39517 Tangerhütte Tel: +49 3935 940250 Fax: +49 3935 94 02 04 Email: <a href="mailto:info@technoguss.de">info@technoguss.de</a> Web: <a href="http://www.technoguss.de">www.technoguss.de</a> Certificate #: MD00/2264/0009/5 Expiry date: 01/10/2019</p>			
<b>TEUTOGUSS GmbH</b>	Grey Spheroidal Graphite	10.00 2.70	Hamburg
<p>Friedrich-Wilhelm Straße 39 D-48477 Hörstel-Gravenhorst Tel +49 (0)5459/9304-48 Fax +49 (0)5459/ 9304-45 Email: <a href="mailto:m.albers@teutoguss.de">m.albers@teutoguss.de</a> Web page <a href="http://www.teutoguss.de">http://www.teutoguss.de</a> Certificate No. MD00/1078/0007/5 Expiry date: 10/05/2017</p>			
<b>TROMPETTER GUSS GmbH &amp; Co KG</b>	Grey Spheroidal Graphite	0.25 0.25	Hamburg
<p>St. Georgen- Strasse 14 D-95463 Bindlach Tel: +49 9208 689-30 Fax: +49 9208 689-11 Email: <a href="mailto:mailto:grupp@trompetter-guss.de">mailto:grupp@trompetter-guss.de</a> Web: <a href="http://www.trompetter-guss.de">http://www.trompetter-guss.de</a> Certificate Number: MD00/2104/0007/5 Expiry: 17/05/2018</p>			

**List 5**  
**Approved Manufacturers**  
**of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
<b>WALZENGISSEREI COSWIG GmbH</b>	Grey	15.00	Hamburg
Grenzstraße 1 D-01640 Coswig Tel: +49 (0) 3523 95 256 Fax: +49 (0) 3523 95 225 Email: <a href="mailto:haraldfroehilich@walze-coswig.de">mailto:haraldfroehilich@walze-coswig.de</a> Web: <a href="http://www.walze-coswig.de">http://www.walze-coswig.de</a> Certificate Number: MD00/1968/0008/5 Expiry date: 25/02/2018	Spheroidal Graphite	15.00	

**India**

<b>AKP FERROCAST PVT. LTD</b> 663, Waghvade Road Machhe Belgaum-590 012 Karnataka Tel: +91 831 292 2311 Fax: +91 831 244 1275 email: <a href="mailto:parag@akpferrocast.com">parag@akpferrocast.com</a> web: <a href="http://www.akpferrocast.com">www.akpferrocast.com</a>  Certificate No.: MD00/3963/0002/5 Expiry Date: 12/12/2017	Spheroidal Graphite	0.10	Mumbai
<b>BRIGHT FOUNDRIES COIMBATORE PVT., LTD.</b> S/F No. 281/ 1 & 2, Kattampatti Village, Sathi Road, Ganeshapuram, Coimbatore - 641 107 Tamil Nadu Tel No: +91 0422 265340 Mobile: +91 99 44413654 Fax +91 0422 6253477 Email: <a href="mailto:brightcast@gmail.com">brightcast@gmail.com</a> Web: <a href="http://www.brightcastings.in">www.brightcastings.in</a> Certificate no: MD00/4350/0002/5 Expiry Date 26/06/2020	Spheroidal Graphite	0.52	Chennai
<b>COOPER CORPORATION PVT. LTD.</b>  L3/M60, Addl., MIDC, (Kodoli) Satara - 415004 Maharashtra Tel: +91 9923102848 Fax: +91 2162240271 Email <a href="mailto:narendra.lokhande@coopercorp.in">narendra.lokhande@coopercorp.in</a> Web <a href="http://www.coopercorp.in">http://www.coopercorp.in</a>  Certificate No. MD00/4365/0003/5 Expiry date: 22/07/2020	Grey Spheroidal Graphite	2.10 0.50	Mumbai
<b>KUSALAVA INTERNATIONAL</b> D.No. 1-31, Gollagudem, Nuziudu, Adavinekkalam Village, Krishna District, Andhra Pradesh, 521 212 Tel: +91-8656-220281 or 82 (O) and +91-9949332277(M) Fax: +91-8656-220297 Email: <a href="mailto:mmsreddy@kusalav.com">mmsreddy@kusalav.com</a> Web: <a href="http://www.kusalava.com">http://www.kusalava.com</a> The scope of approval is for individual centrifugally cast cylinder liners. Certificate Number: MD00/4049/0002/5 Expiry: 07/07/2018	Grey	0.06	Chennai
<b>LAKSHMI MACHINE WORKS LIMITED</b>  Foundry Unit 2, Arasur, Coimbatore 641 407 Tel. :0422 3021300 and Fax: 0422 3021331 email: <a href="mailto:shenbagarajan.n@lmw.co.in">shenbagarajan.n@lmw.co.in</a> web: <a href="http://lakshnimach.com">lakshnimach.com</a> Certificate No: MD00/4591/0001/5 Expiry Date: 05/07/2019	Grey Spheroidal Graphite	4.50 3.20	Chennai
<b>NEOSYM INDUSTRY LIMITED</b> Gat No. 201, Pune - Nagar Road, Sanaswadi, Taluka - Shirur District, Pune - 412 208, Maharashtra Tel. No. +91 2137 677200, Fax: +91 2137 677228  Email: <a href="mailto:pune@neosym.com">pune@neosym.com</a> / <a href="mailto:export.castings@neosym.com">export.castings@neosym.com</a>  Website: <a href="http://www.neosym.com">www.neosym.com</a>  Certificate No: MD00/4529/0001/5 Expiry date. 25/11/2018	Grey	0.22	Mumbai
<b>SIMPLEX CASTINGS LIMITED</b> (Special Castings Division) Urla Industrial Estate, Raipur - 493 221 Tel: +91 771 2323483 Fax: +91 771 2323805 email: <a href="mailto:sclura@simplexcastings.com">sclura@simplexcastings.com</a>  Certificate No. MD00/4303/0002/5 Expiry Date: 01/04/2020	Spheroidal Graphite	8.00	Mumbai

**List 5**  
**Approved Manufacturers**  
**of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
<b>VULKAN Technologies Pvt. Limited</b> GAT No. 539B Village Kasar Amboli Pirangut Industrial Area, Tal-Mulashi Dist. Pune 412115, Maharashtra <i>Approval includes as cast SG Iron crankshaft castings to the above weight intended for further processing and final inspection to Rules requirements.</i>  Tel: +91 20 6676 5530 Fax: +91 20 6676 5551 email prashant.patel@vulkanindia.com web: www.vulkanindia.com Certificate Number: MD00/3051/0002/5 Expiry: 19/01/2019	Spheroidal Graphite	0.20	Mumbai

## Italy

<b>FONDERIA BOCCACCI S.p.A.</b>  via XXV Aprile,9 19020 Piana Battolla La Spezia Tel No: +39 187 930500 Fax No: +39 187 930504 Email: info@fonderiaboccacci.it Web: www.fonderiaboccacci.it Certificate No MD00/4123/0002/5 Expiry 06/02/2019 Heat treatment and mechanical testing sub contracted	Grey Spheroidal Graphite	13.30 13.30	Genoa
<b>FONDERIA CARROCCIO S.p.A.</b> Via G. Ferraris 53 20025 Legnano Milan Tel: +39 331 548 648 Fax: +39 331 595361648 Email: mailto:1946@fonderiacarroccio.191it Web: http://www.fonderiacarroccio.it Certificate No. MD00/2797/0006/5 Expiry date: 30/04/2019	Spheroidal Graphite	1.00	Milan
<b>FONDERIA GETTI SPECIALI DI COLOMBO</b>  GIUSEPPE DI CARLO E FIGLI SPA via Monte Grappa 31, 20010 San Giorgio su Legnano, Tel: +39 033 1413221 Fax: +39 033 1401477 email: sales@fonderiacolombo.com web: fonderiacolombo.com  Cert No: MD00/4400/0002/5 Expiry Date: 24/09/2019	Grey Spheroidal Graphite	12.00 12.00	Milan
<b>FONDERIE MORA GAVARDO S.p.A.</b>  Via Giovanni Quarena, 207 25085 Gavardo (Brescia) Tel: +39 (0) 365 377711 Fax: +39 (0) 365 377607 Email: mailto:pcasella@morafonderie.it Web: http://www.camozzi-manufacturing.it Certificate No. MD00/0505/0007/5 Expiry date: 22/02/2018	Grey Spheroidal Graphite	80.00 80.00	Milan
<b>Fonderia di Lonato s.r.l.</b> Via Montebello 7/9 - 25017 LONATO DEL GARDA (BS) Tel: +030 9130164 Fax: +030 9913423 Email: info@fonderiadilonato.com Web: http://www.fonderiadilonato.com Approval is restricted to centrifugally cast cylinder liners for approved applications. Certificate Number: MD00/3664/0003/5 Expiry date: 18/08/2018	Grey	2.30	Milan
<b>PILENGA BALDASSARRE FOUNDRY s.r.l</b>  Via Provinciale, 29 24040 Lallio (Bergamo) Tel: +39 035 062345 Fax: +39 035 062399  E-mail: c.maggioni@pbfoundry.it  Certificate No. MD00/1908/0007/5 Expiry date: 29/09/2019	Grey Spheroidal Graphite	0.50 0.50	Milan
<b>SCM Group S. p. A.</b> FONDERIE Villa Verucchio Plant Via Del Tesoro, 141/145 47826 Villa Verucchio - RIMINI el: +39 0541 700531 Fax: +39 0541700289  E-mail: ordinifonderie@scmgroup.com  Website: scmfoundry.com  Certificate No. MD00/4095/0002/5 Expiry date: 24/11/2018	Spheroidal Graphite	1.50	Ravenna

**List 5**  
**Approved Manufacturers**  
**of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
<b>SCM Group S. p. A.</b> FONDERIE Rimini Plant Via Emilia, 59/65 47921 RIMINI Tel: +39 0541 700531 Fax: +39 0541 700289  E-mail: <a href="mailto:orinifonderie@scmgroup.com">orinifonderie@scmgroup.com</a>  Website: <a href="http://scmfonderie.com">scmfonderie.com</a>  Certificate No. MD00/4098/0002/5 Expiry date: 24/11/2018	Spheroidal Graphite	0.25	Ravenna
<b>VDP SpA</b>  Via Lago Di Alleghe 39 Schio (Vicenza) Tel: +39 445 599000 Fax: +39 445 599099 Email: <a href="mailto:mailto:vdp@vdp.it">mailto:vdp@vdp.it</a> Website: <a href="http://www.vdp.it">http://www.vdp.it</a> * accepted for approved applications Heat treatment is sub contracted to Trevisan S.r.l., SLA S.r.l and Rossi Tre S.r.l. Certificate No. MD00/3069/0006/5 Expiry date: 16/10/2019	Grey Spheroidal Graphite Compacted Graphite	65.00 65.00 65.00	Venice

## Japan

<b>AKASAKA DIESELS LIMITED</b>  4-3-1 Nakaminato Yaizu-shi Shizuoka Pref., Tel: +81 (0)54 627 2135 Fax: +81 (0)54 620 2126 email <a href="mailto:tt_oishi@akasaka.co.jp">tt_oishi@akasaka.co.jp</a> web <a href="http://www.akasaka-diesel.jp">www.akasaka-diesel.jp</a>  Certificate No. MD00/3527/0005/5 Expiry date: 04/08/2020	Grey Spheroidal Graphite	36.70 4.40	Yokohama
<b>ASAGOE KOGYO CO., LTD.</b> 120-28 Mitsu Takatsu Kita-ku, Okayama-shi, Okayama Pref. Tel: +81 (0)867-24-0141 Fax: +81 (0)867 24 0171 email: <a href="mailto:tec@asagoe-net.co.jp">tec@asagoe-net.co.jp</a> web: <a href="http://www.asagoe-net.co.jp">www.asagoe-net.co.jp</a>  Certificate No. MD00/2130/0007/5 Expiry date: 21/08/2018	Spheroidal Graphite	0.05	Kobe
<b>DAIHATSU METAL Co., Ltd.</b>  Izumo Factory, No. 2400 Zinzaioki-machi Izumo-city Shimane-pref Tel: +81 853 43 2324 Fax: +81 853 43 9005 email: <a href="mailto:hiroshi-kotsugi@d-metal.co.jp">hiroshi-kotsugi@d-metal.co.jp</a> Certificate No. MD00/0378/0007/5 Expiry date: 23/03/2018	Grey Spheroidal Graphite	30.00 30.00	Kobe
<b>DAIWA HEAVY INDUSTRY CO., LTD.</b>  1-21-23 Kabe Asakita-ku Hiroshima 731 0221 Tel. +81 82 814 2102 Fax +81 82 814 0844 Email: <a href="mailto:s-hinsyou@daiwajuko.co.jp">s-hinsyou@daiwajuko.co.jp</a> Web: <a href="http://www.daiwajuko.co.jp">http://www.daiwajuko.co.jp</a>  Certificate No. MD00/4140//0002/5 Expiry: 08/12/2018	Grey Spheroidal Graphite	45.00 33.00	Kobe
<b>FUKUSHIMA STEEL WORKS CO., LTD.</b> Azuma Plant 8-1, Tenjikuda Sasakino Fukushima-City Tel: +81 (0)245340170 Fax: +81 (0)245340174 email: <a href="mailto:shigeru.yoshizumi@f-seiko.co.jp">shigeru.yoshizumi@f-seiko.co.jp</a> web: <a href="http://www.f-seiko.co.jp">http://www.f-seiko.co.jp</a>  Certificate No. MD00/2598/0007/5 Expiry date: 26/08/2020	Spheroidal Graphite	0.50	Yokohama
<b>HARACHU CO., LTD.</b>	Spheroidal Graphite	0.50	Yokohama

**List 5**  
**Approved Manufacturers**  
**of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
<p>1213-1, 2 Chome Tachiyagawa Yamagata-shi Yamagata-ken 990-2251 Tel +81 236 86 4139 Fax +81 236 86 4424 Email:mailto:h-maruko@harachu.co.jp Web:http://www.harachu.co.jp Certificate No. MD00/2126/0007/5 Expiry date: 06/06/2018</p>			
<p><b>HATTORI INDUSTRY CO., LTD.</b></p> <p>2141-17, Otebaramichi, Shimabara-shi Nagasaki Tel No: +81 (0) 957 62 3952 Fax No: +81 90 7163 0815</p> <p>E-mail: hashimoto@hattori-nagasaki.co.jp</p> <p>Website: www.hattori-nagasaki.co.jp</p> <p>Certificate No: MD00/4340/0002/5 Expiry Date 18/06/2020</p> <p>Heat treatment not covered by the scope of approval</p>	<p>Grey Spheroidal Graphite</p>	<p>1.00 1.00</p>	<p>Nagasaki</p>
<p><b>HOKUEI TEKKO CO., LTD.</b></p> <p>89 Murakita, Shiroyama, Tsuruoka Shi, Yamagata-Pref., 997-0841, Tel: +81 235 22 0673 Fax: +81 235 24 8633 Email: m_honma@hokueitekko.co.jp Web: www.hokueitekko.co.jp</p> <p>Certificate No. MD00/3630/0004/5 Expiry date: 24/05/2020</p>	<p>Grey</p>	<p>0.60</p>	<p>Yokohama</p>
<p><b>HOYO CO., LTD.</b></p> <p>2542 Kaizu-cho Isahaya Nagasaki Pref. 854-0063 Tel: +82 (0) 957 26 6943 Fax: +81 957 26 9586 email: hoyo@kaizu.or.jp web: www.k-hoyo.co.jp</p> <p>Certificate No. MD00/1578/0007/5 Expiry date: 20/08/2018</p>	<p>Grey Spheroidal Graphite</p>	<p>6.00 3.00</p>	<p>Nagasaki</p>
<p><b>IHI CORPORATION</b></p> <p>Aioi Casting Workshop 5292, Aioi-shi Hyogo 678-0041 Tel: +81 791 24 2702 Fax: +81 791 24 2692</p> <p>Certificate No. MD00/3031/0006/5 Expiry date: 16/01/2018</p>	<p>Grey Spheroidal Graphite</p>	<p>30.00 1.50</p>	<p>Kobe</p>
<p><b>KAWAGUCHI METAL INDUSTRIES CO., LTD.</b></p> <p>18-19, Miya-cho Kawaguchi-shi Saitama Pref. 332-8502 Tel +81 (0)48 259 1112 Fax +81 (0)48 255 1125 Email: h-matsumi@kawakinkk.co.jp Web: www. k-suzuki@kawakinkk.co.jp Certificate No. MD00/0831/0007/5 Expiry date: 19/06/2018</p>	<p>Spheroidal Graphite</p>	<p>0.40</p>	<p>Yokohama</p>
<p><b>KAWAGUCHI NAINENNKI CASTINGS CO., LTD.</b></p> <p>3-8 Funagasaku Hirose Takine-machi, Tamura-shi, Fukushima pref., 963-3603 Tel No +81 247 78 3791 Fax +81 247 78 3789 Email: eigyo2@kawaguchi-e.co.jp Web: www.kawaguchi-e.co.jp Certificate no. MD00/4135/0002/5 Expiry Date 31/03/2019</p>	<p>Grey Compacted Graphite</p>	<p>2.50 1.17</p>	<p>Yokohama</p>
<p><b>KIMURA FOUNDRY CO., LTD.</b></p> <p>Gunma Factory 2092-5 Obara-cho Ota-shi Gunma-ken 379-2304 Tel: +81 277 786178 Fax: +81 277 786299 Email: sugie@kimuragr.co.jp Web: http://kimuragr.co.jp Certificate Number: MD00/3876/0003/5 Expiry date: 10/01/2020</p>	<p>Grey</p>	<p>7.00</p>	<p>Yokohama</p>



**List 5**  
**Approved Manufacturers**  
**of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
<b>KIMURA Foundry CO., LTD.</b> Head Office & Factory 1157 Nagasawa Shimizu-cho, Sunto-gun Shizuoka-pref. 411-0905 Tel: +81 55 975 7052 Fax: +81 55 979 9917 Email: y.kobayashi@kimuragr.co.jp Web: http://www.kimuragr.co.jp Certificate No. MD00/2870/0007/5 Expiry date: 30/03/2020	Grey	5.00	Yokohama
<b>KIMURA Foundry CO., LTD.</b> Omaezaki Factory 1 Kadoya Omaezaki City, Shizuoka-pref. 437-1615 Tel: +81 55 975 7052 Fax: +81 55 975 9917 Email: y.kobayashi@kimuragr.com.jp Web: http://www.kimuragr.co.jp Certificate No. MD00/2871/0008/5 Expiry date: 30/03/2020	Grey Spheroidal Graphite	35.00 35.00	Yokohama
<b>KYOWA FOUNDRY CO., LTD.</b> 86, Kinzoku-Danchi, Kakamigahara-city, Gifu, 504-0957 Tel No: +81 583 82 2195 Fax No: + 81 583 82 2197 Email : youkaipro-1977@kyowa-chuzo.co.jp Website: www.kyowa-chuzo.co.jp Certificate No: MD00/4247/0001/5 Expiry Date 01/11/2016	Grey	0.71	Kobe
<b>MATSUNAGA FOUNDRY CO., LTD.</b> 50-4, Shiratake-cho Sasebo 857-1164 Tel: +81 956 31 8321 Fax: +81 956 31 8325 E-mail: matsunaga-hinshua@vego.ocn.ne.jp Certificate No. MD00/1001/0008/5 Expiry date: 02/11/2020	Grey Spheroidal Graphite	6.00 6.00	Nagasaki
<b>MAYEKAWA MFG. CO., LTD.</b> HIGASHIHIROSHIMA FACTORY 2-3-40, Takayadai Higashihiroshima-City Hiroshima-pref., 739-2117 Tel: +81 82 491 1828 Fax: +81 82 491 1838 web: www.mayekawa.co.jp/ja/ Certificate No. MD00/4385/0002/5 Expiry date: 15/09/2020	Grey Spheroidal Graphite	0.30 0.25	Kobe
<b>MITSUBISHI HEAVY IND. LTD.</b> Kobe Shipyard & Machinery Works, 1, Minamifutami, Futami-cho, Akashi, Hyogo, TEL: +81 78 672 4340 FAX: +81 78 672 4335 E-mail: daisuke_ichii@mhi.co.jp Website: www.mhi.co.jp Certificate No. MD00/4394/0002/5 Expiry date: 03/09/2020	Spheroidal Graphite	50.00	Kobe
<b>mitsui MEEHANITE METAL CO., LTD.</b> Okazaki Works 111, Kaminogawa Oka-machi, Okazaki-shi Aichi-ken 444-0005 Tel: +81 564 55 3521 Fax: +81 564 55 0369 Email: f-okazaki@m-meehanite.co.jp Including S.G. iron crankshafts Certificate No. MD00/1037/0007/5 Expiry date: 09/05/2018	Spheroidal Graphite	10.00	Kobe

**List 5**  
**Approved Manufacturers**  
**of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
<b>MITSUOKA FOUNDRY CO., LTD.</b>  16, Fukuriki Tsuyama Okayama-Pref Tel: +81 868 26 0145 Fax: +81 868 26 5029 email: toshiro@mitsuoka.co.jp web: www.mitsuoka.co.jp Certificate No. MD00/2318/0007/5 Expiry date: 02/04/2020	Grey Spheroidal Graphite	1.10 2.00	Kobe
<b>OCHI FOUNDRY CO., LTD.</b>  1016, Tanouwagata Tanbara-cho Saijo-shi Ehime 791-0522 Tel: +81 867 24 0141 Fax: +81 867 24 0171 E-mail to: tec@asagoe-net.co.jp Certificate No. MD00/4511/0001/5 Expiry date: 22/09/2018	Grey Spheroidal Graphite	5.00 5.00	Kobe
<b>SAGA IMONO FOUNDRY CO., LTD.</b> TAKAGISE-NISHI 6-4-2 Takagise-Nishi, Saga, 849-0921, Tel +81-952-31-3175 Fax +81-952-31-3178 Email: sagaimono@aiores.ocn.ne.jp Web: http://www.saga-genki.jp/?k=1540 Certificate No. MD00/4641/0001/5 Expiry date 13/12/2019	Spheroidal Graphite	0.20	Nagasaki
<b>SAKABE KOGYO CO., LTD.</b> 8, Mizuarai Nakabata Nishio-shi Aichi-ken Tel +81 563 59 8181 Fax +81 563 59 0774 Email: yuzo-sakuri@cast-sakabe.co.jp Web: http://www.sakabekogyo.jp/pc/ Certificate No. MD00/1290/0007/5 Expiry date 31/01/2020	Spheroidal Graphite	1.50	Kobe
<b>SANUKI FOUNDRY CO., LTD.</b>  1802, Higashi-Takashino Manno-cho Nakatado-gun Kagawa Pref. Tel: +81 877 73 4121 Fax: +81 877 73 2048 Email: mailto:yohyam@sanuki.ecnet.jp web : www.sanuki.ecnet.jp Certificate No. MD00/1305/0008/5 Expiry date: 15/05/2020	Grey Spheroidal Graphite	4.00 3.00	Kobe
<b>SHINKO IND.LTD.</b>  Fuchu Works 2-1-1 Mokage Fuchu-cho Aki-gun Hiroshima 735 0029 Tel. +81 82 508 1016 Fax +81 82 508 1025 email: okinaga@shinkohiro.co.jp web: www.shinkohir.co.jp Certificate No. MD00/1363/0007/5 Expiry date: 18/09/2018	Grey Spheroidal Graphite	2.50 2.50	Kobe
<b>SONE FOUNDRY Co. Ltd.</b>  5-2-6, Umei Takasgo-city Hyogo, 676-0074 tel. no.: +81-79-448-0727; Fax. no.: +81-79-448-0790; email: mail-1@sone-foundry.co.jp; web page: http://www.sone-foundry.co.jp/ Certificate no.:MD00/4227/0002/5; Expiry date: 22/09/2019	Grey Spheroidal Graphite	3.80 3.12	Kobe
<b>SUZAKI CASTING WORKS Co., Ltd., OSAKA FACTORY</b>  4-26, Imafuku-Nishi 6-chome, Jyoto-ku Osaka Tel: +81 06 6931 5038 Fax: +81 06 6933 7546 Email: noriyoshi@suzaki-chutetsu.com Certificate No. MD00/4116/0002/5 Expiry date: 28/01/2019	Grey Spheroidal Graphite	0.47 0.47	Kobe
<b>SUZUKI IRON FOUNDRY CO., LTD.</b>  1-117, Asanishi Ohgaki-city Gifu-ken Tel: +81 584 89 4030 Fax: +81 584 89 4017 Email: mailto:susukich@plum.ocn.ne.jp Certificate No. MD00/2066/0007/5 Expiry date: 05/03/2018	Grey Spheroidal Graphite	0.50 0.50	Kobe

**List 5**  
**Approved Manufacturers**  
**of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
<b>TAGUCHI FOUNDRY CO., LTD.</b>  4-18-40 Senda-cho Fukuyama-city Hiroshima-Pref. 720-0017 <i>Tel: +81 (0)84 955 1698 Fax: +81 (0)84 955 3735 Email: mailto:n-kita@tagu-foundry.co.jp Web: http://www.tagu-foundry.co.jp</i> <i>Certificate No. MD00/1478/0009/5 Expiry date: 09/01/2018</i>	Grey Spheroidal Graphite	8.00 6.50	Kobe
<b>TAKEMURA FOUNDRY Co., Ltd.</b>  2290-10 Taziri, Yaizu-shi, Shizuoka Pref., 425-0052 <i>Tel: +81 54 623 3421 Fax: +81 54 623 3429</i> <i>email: takemuratyuzo@ai.tnc.ne.jp</i>  <i>Certificate No.: MD00/4370/0001/5 Expiry Date: 10/08/2017</i>	Grey Spheroidal Graphite	0.50 0.50	Yokohama
<b>THE HANSHIN DIESEL WORKS LTD.</b>  Tamatsu Factory 12, Moritomo 3-Chome Nishi-ku Kobe City 651-2132 <i>Tel +81 78 923 3447 Fax +81 78 923 0555 Email:mailto:t-maeda@hanshin-dw.co.jp</i> <i>Certificate No. MD00/1506/0007/5 Expiry date: 19/01/2020</i>	Grey Spheroidal Graphite	15.00 12.50	Kobe
<b>THE JAPAN STEEL WORKS, LTD</b>  HIROSHIMA PLANT Nikko Techno Co., Ltd. 6-1, Funakoshi-minami, 1-chome, Aki-ku, Hiroshima-city, Hiroshima pref., 736-8602, Japan <i>Tel +81 82 822 3441 Fax +81 82 824 1513</i> <i>email: hiroschi-miyanmoto@jsw.co.jp web: www.jsw.co.jp</i> <i>Certificate No. MD00/4449/0001/5 Expiry date: 19/03/2018</i>	Spheroidal Graphite Austenitic*	4.00 4.00	Kobe
<b>TOA KOKI Co., Ltd.</b>  Kashima City 1430-30 Oaza Yamaura Kashima City Saga Pref., 849-1314 <i>Tel: +81 954 62 3019 Fax: +81 954 62 3019</i>  <i>E-mail: kensa@toakoki.co.jp</i>  <i>Web http://www.toakoki.co.jp</i>  <i>Materials Quality Scheme Approved - Approval No. MQS025</i>  <i>Certificate No. MD00/1534/0010/5 Expiry date: 27/04/2019</i>	Grey Spheroidal Graphite	14.00 14.00	Nagasaki
<b>TOBATA IRON WORKS CO., LTD.</b>  9-20, Shin-Sone Kokura Minami-ku Kitakyushu-City Fukuoka Pref. 800-0211 <i>Tel +81 93 471 7955 Fax +81 93 471 1067</i> <i>EMail mailto:h-iwamoto@tobata-iron.co.jp</i> <i>Web http://www2.ocn.ne.jp/~tobata/</i> <i>Certificate No. MD00/1537/0007/5 Expiry date: 17/08/2019</i>	Grey Spheroidal Graphite	12.00 12.00	Nagasaki
<b>TOHYAMA IRON WORKS CO., LTD.</b>  Kuki Plant 18, Showanuma Shobu-machi Kuki - city Saitama Pref. 346-0101 <i>Tel +81 (0)480 85 2111 Fax +81 (0)480 85 7100</i> <i>Email: sh_toh@kk-tohyama.co.jp</i> <i>Certificate No. MD00/1541/0007/5 Expiry date: 02.09.2018</i>	Spheroidal Graphite	5.00	Yokohama
<b>TOMINAGA CO., LTD.</b>	Grey Spheroidal Graphite	1.00 1.00	Kobe

**List 5**  
**Approved Manufacturers**  
**of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
3981-5, Nunoshida Kochi City Kochi Pref. 781-5101 Tel: +81 888 451122 Fax: +81 888 450800 Emails: masaya.h@ftm-tominaga.co.jp Web: http://www.ftm-tominaga.co.jp Approval does not include the heat treatment of castings. Certificate No. MD00/1552/0006/5 Expiry date: 06/08/2016			
<b>UBE STEEL CO., LTD.</b>	Grey	80.00	Nagasaki
1978-19, Okinoyama Kogushi Ube City Yamaguchi Pref. 755-0067 Tel +81 (0)836 35 1328 Fax +81 (0)836 35 1332  E-mail: 34683ubs@ub-ind.co.jp  Website: www.ube-ind.co.jp/ubs  Certificate No. MD00/1577/0006/5 Expiry date: 22/12/2015	Spheroidal Graphite	80.00	
<b>YANMAR CASTING TECHNOLOGY CO., LTD.</b>	Grey	13.00	Kobe
Matsue Division 960, Yahata-cho Matsue-city Shimane-ken Tel: +81 852 37 2288 Fax: +81 852 37 2034 tsutomu_seri@yanmar.co.jp www.yanmar.com/jp/ycast/ Certificate No. MD00/1000/0008/5 Expiry date: 18/09/2017	Spheroidal Graphite	3.50	
<b>YASUDA KOGYO CO, LTD.</b>	Spheroidal Graphite	0.13	Kobe
Sayo Factory 620-2, Yokosaka Hirano-ue Sayo-cho Hyogo-PREF Tel: +81 790 82 0495 Fax: +81 790 82 0605 email: nadatani@yasuda-kogyo.co.jp web: www.yasuda-kogyo.co.jp  Certificate No. MD00/1689/0007/5 Expiry date: 10/03/2020			

## Kingdom of Saudi Arabia

<b>SAUDI CAST</b>	Grey	1.00	Jeddah
Al Zaima St. First Industrial City, P.O. Box 3505 Riyadh 11481 Tel: +966 1 448 0107 Fax: +966 1 446 4976 Mob: +966 920002441 Email: farrukh@saudicast.com Web: http://www.saudicast.com Certificate #: MD00/3881/0002/5 Expiry date: 25/01/2017	Spheroidal Graphite	1.00	

## Korea

<b>BOKWANG METAL CO., LTD</b>	Spheroidal Graphite	2.00	Busan Port
52 Yangdongnonggongdanji-gil Hanam-eup Miryang-si Gyeongsangnam-do Tel: +82 (0)55 391 1603 Fax: +82 (0)55 391 1609 email: bokwang1603@hanmail.net Contact: Mr Cha-Kweun Bae Certificate No. MD00/2791/0005/5 Expiry date: 29/10/2015			
<b>BUKUK METAL Co., Ltd.</b>	Grey	0.02	Jinhae
25, Namui-ro, Jinhae-gu, Changwon-si, Gyeongsangnam-do, Tel: +82 (0)55 551 8400 Fax: +82 (0)55 551 8405  email: bk3401@Kornet.net  Certificate No. MD00/2966/0006/5 Expiry date: 02/04/2018	Spheroidal Graphite	0.15	
	Compacted Graphite	0.01	

**List 5**  
**Approved Manufacturers**  
**of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
<b>CAPE INDUSTRIES LTD</b> 1303, Yangsan-daero Sangbuk-myeon, Yangsan-si Gyeongsangnam-do Tel: +82 55 370 1234 Fax: +82 55 370 1229 email: zerodeflect@cape.co.kr web: www.capeind.com Certificate No. MD00/3862/0004/5 Expiry date: 04/12/2019	Grey	13.00	Busan Port
<b>CASCO CO., LTD.</b> 24, 3Sandan 1-gil Buk-myeon, Jeongeup-Si Jeonllabuk-do Tel: +82-63-570-6101 Fax: +82-63-570-6199 Email: choyj@casco-f.com Web www.casco-f.com Certificate No. MD00/3332/0008/5 Expiry date: 07/04/2019	Grey Spheroidal Graphite	65.00 59.45	Mokpo
<b>CASKOD. Co., Ltd.</b> 489, Injung-ro, Dong-Gu, Incheon Tel: +82 32 211 2831 Fax: +82 32 211 2797 email: kwlee@caskod.com web: www.caskod.com Certificate No. MD00/3663/0003/5 Expiry date: 15/08/2018	Grey	0.43	Seoul
<b>CASKOD. Co., Ltd.</b> 109-7, 58, Wolha-ro, Wolgot-myeon, Gimpo-si, Gyeonggi-do, Tel: +82 31 982 3601 Fax: +82 31 985 7905 email jhlee@caskod.com Certificate No. MD00/4336/002/5 Expiry Date: 09/06/2020	Grey	0.10	Seoul
<b>DAEDONG METALS CO., LTD.</b> #29-18, BONRI-RI, NONGONG-EUB, DALSUNG-GUN, DAEGU Tel: +82 536105040 Fax: +82 536150715 Email: larky@daedongmetals.co.kr Website: www.daedongmetals.co.kr Certificate No.: MD00/4623/0001/5 Expiry Date: 22/10/2019	Grey Spheroidal Graphite	0.18 0.22	Changwon
<b>DAEHAN SPECIAL METAL CO., LTD.</b> 1434, Songgok-Ri Dasan-Myun, Koryung-Gun Kyungsang Buk-Do Tel: +82 54 954 9192 Fax: +82 54 954 6269 Email: info@dae-han.com Web: http://www.dae-han.co.kr Certificate No. MD00/2324/0006/5 Expiry date: 05/04/2017	Grey Spheroidal Graphite	7.00 7.00	Ulsan
<b>DAEJOONG CO., LTD.</b> 28-12 Dasansandan-ro Dasan-Myun Koryung-Gun Kyungbuk Tel: +82 54 950 8877 Fax: +82 54 950 8880 Email: lks7385@lycos.co.kr Web: http://www.daejoong.co.kr Certificate Number: MD00/1904/0009/5 Expiry: 17/04/2019	Grey Spheroidal Graphite	15.00 15.00	Changwon
<b>DAEJOONG CO., LTD.</b> No. 2 Foundry 33, Dasanandan 3-gil, Dasan-myeon, Goryeong-gun, Gyeongsangbuk-do. Tel: +82 54 954 8881 Fax: +82 54 954 8884 Email: kim-bm81@hanmail.net Contact: Kyeong-Seok Lee www.daejoong.co.kr Email: lks7385@nate.com Certificate No. MD00/3467/0005/5 Expiry date: 28/04/2020	Grey	27.50	Changwon
<b>DAEKYUNG CASTING CO., LTD.</b>	Grey Spheroidal Graphite	4.00 2.50	Changwon

**List 5**  
**Approved Manufacturers**  
**of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
<p>1482 Songgok-Ri Dasan-Myeon Goryeong-Gun Gyeongbuk Tel: +82 54 954 1455/1456/1457 Fax: +82 54 954 1452 email: dhc1482@daum.net Certificate No. MD00/3307/0004/5 Expiry date: 21/01/2019</p>			
<p><b>DAV METAL Co., Ltd.</b> 61, Myeongje-ro Jinhae-gu Changwon-si, Gyeongsangnam-do Tel: +82 (0)55 545 2430 Fax: +82 (0)55 546 2888 Mob: +82 (0)10 2372 6353 email: tysmc@naver.com Certificate No. MD00/2196/0007/5 Expiry date: 03/03/2019</p>	Spheroidal Graphite	1.00	Jinhae
<p><b>DIOTEK Co.,Ltd.</b> 1437, Songgok-Ri Dasan-Myun Koryeong-Gun Kyungsanbuk-Do 717-870 Tel: +82 054 956 0123 Fax: +82 54 956 4600  E-mail: diotech@hanmail.net  Website: www.diotekcast.com  Certificate No. MD00/2843/0008/5 Expiry date: 30/10/2019</p>	Grey Spheroidal Graphite	5.00 5.00	Ulsan
<p><b>DONG BANG METAL CO., LTD.</b> #725 Sang-ri, Nongong-eup Dalseong-gun Daegu Tel: +0082 53 616 1346 Fax: +0082 53 616 1348 Email: Web:</p> <p>Certificate No. MD00/4469/0001/5 Expiry date: 16/04/2018</p>	Spheroidal Graphite	0.16	Changwon
<p><b>DONG CHANG CASTING CO.</b> #730-4, Hakjang-Dong Sasang-Gu Busan Tel: +051 315 2179 Fax: +051 324 8287 Email: changmet@hanmail.net Web: http://www.dccast.co.kr Approval includes for Crankshafts in SG Iron to 34 Kgs maximum weight. Certificate No. MD00/3434/0005/5 Expiry date: 24/02/2020</p>	Grey Spheroidal Graphite	1.50 1.50	Busan Port
<p><b>DONG KWANG FOUNDRY Co., Ltd.</b> #9 Hakjang-ro 95 beon-gil Sasang-gu Tel: +82 (0)51 325 0598 Fax: +82 (0)51 328 9225 Email: mailto:dd0119@hanmail.net Including S.G. iron crankshafts Certificate No. MD00/2866/0007/5 Expiry date: 16/02/2020</p>	Grey Spheroidal Graphite	1.20 0.65	Busan Port
<p><b>DONGHEE CO. LTD</b> 1794 Songgok-Ri Dasan-Myeon Goryeong-Gun Gyeongbuk Tel: +82 (0) 54 954 0461 Fax: +82 (0) 54 954 0464 Email: donghee3773@hanmail.net Certificate Number: MD00/3566/0003/5 Expiry: 10/02/2018</p>	Grey Spheroidal Graphite	1.12 1.50	Changwon
<p><b>HAN HWANG IND. CO., LTD.</b> 28, Namui-ro, 43 beon-gil, Jinhae-gu, Changwon-si, Gyeongsangnam Tel: +82 55 548 0751 Fax: +82 55 551 6781 Mail to: hh@hanhwang.co.kr Certificate No. MD00/1784/0007/5 Expiry date: 21/02/2018</p>	Grey Spheroidal Graphite	2.00 2.00	Changwon
<p><b>HAN JEON METAL CO LTD,</b></p>	Grey Spheroidal Graphite	0.10 5.00	Changwon

**List 5**  
**Approved Manufacturers**  
**of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
<p>25, Namui-ro 43 beon-gil Jinhae-Gu, Gyeongsangnam-Do, Tel No : +82 55 551 8320 Fax No: +82 55 551 8326 Email: hmc@hanjeon.co.kr Web : www.hanjeon.co.kr Certificate No MD00/3890/0005/5 Expiry Date 11/03/2020</p>			
<p><b>HAN SUNG METAL CO.</b> 39, Nakdong-dearo 988 beon-gil, Sasang-gu, Busan Tel: +82 (0) 51 314 0536 Fax: +82 (0) 51 313 4688 Email mailto:hansung314@korea.com Certificate Number: MD00/3036/0005/5 Expiry: 08/01/2019</p>	Spheroidal Graphite	1.00	Busan Port
<p><b>HANKOOK KIJUN METAL CO. LTD.,</b>  (Yangchon-eup), 281, Hwanggeum-ro, 23beon-gil, Gimpo-si Gyeonggi-do Tel No. +82 31 996 1811/2 Fax No. +82 31 996 1813 Email: sung2588@hanmail.net Web: www.hkkjmetal.com Certificate No MD00/4041/0002/5 Expiry Date 23/06/2018</p>	Grey Spheroidal Graphite	15.00 10.00	Seoul
<p><b>HEE WON METAL CO., LTD.</b>  45, Nakdong-dearo 988 beon-gil Sasang-gu Busan Tel: +82 51 317 4598 Fax: +82 51 323 9150  E-mail: heewonmetal@daum.net  The scope of approval includes for the stress relieving heat treatment of castings only.  Certificate No. MD00/2911/0006/5 Expiry date: 15/08/2020</p>	Grey Spheroidal Graphite	3.50 2.00	Busan Port
<p><b>HWA SUNG METAL INDUSTRIAL Co.</b>  13, namui-ro 43 beon-gil Jinhae-gu Changwon-si Gyeongsangnam-do Tel: +82 (0)55 551 9123 Fax: +82 (0)55 551 9128 Email mailto:hsmetal@hscast.co.kr Certificate No. MD00/3236/0004/5 Expiry date: 02/04/2018</p>	Grey Spheroidal Graphite	11.00 11.00	Jinhae
<p><b>HYUNDAI HEAVY INDUSTRIES CO LTD</b>  Engine &amp; Machinery Division 1000, Bangeojinsunhwando-ro Dong-ku Ulsan Tel: +82 52 230 7661 Fax: +82 52 230 7691 EMail mailto: crson@hhi.co.kr Web site http://www.hhi.co.kr Certificate No. MD00/0733/0009/5 Expiry date: 19/05/2020</p>	Grey Spheroidal Graphite	48.00 34.00	Ulsan
<p><b>JINSEONG LINER CO., LTD.</b> 63, Pyoungchon-1 gil, Daedeok-gu, Daejeon, Tel: +82 42 931 8558 Fax: +82 42 931 3116 email: Ijinseong@naver.com Certificate No: MD00/4598/0001/5 Expiry Date: 17/07/2019</p>	Spheroidal Graphite	0.07	Seoul
<p><b>JINYOUNG CASTING CO.</b>  2274 Hak Jang-Dong Sa Sang-Gu Busan Tel: +82 51 313 4316 Fax: +82 51 326 4316 Email: jyc4316@hanmail.com Certificate No. MD00/3322/0005/5 Expiry date: 05/03/2019</p>	Grey Spheroidal Graphite	3.50 3.50	Busan Port
<p><b>JOONG ANG METAL CO., LTD.</b>  79, Dasansandan 3-gil, Dasan-myeon Goryeong-gun Gyeongsangbuk-do Tel +82 (0)54 956 5501 Fax +82 (0)54 956 5510 Certificate No. MD00/3960/0004/5 Expiry date: 09/10/2020</p>	Grey Spheroidal Graphite	12.00 7.00	Changwon

**List 5**  
**Approved Manufacturers**  
**of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
<b>JOONG-ANG CAST IRON CO., LTD.</b>  1505, Songgok-Ri Dasan-Myun Koryong-Gun Kyungbuk <i>Tel: +82 54 955 1130 Fax: +82 54 954 0034</i> <i>Email: jacaron1@naver.com</i> <i>Certificate Number: MD00/2760/0007/5 Expiry: 09/11/2018</i>	Grey Spheroidal Graphite	2.00 2.00	Changwon
<b>KWANG HEE CO. LTD.</b>  381-75, Kyoungseo-Dong Seo-Gu Inchon <i>Tel: +82 32 561 8997-9 Fax: +82 32 561 4719</i>  <i>Email: meltpour12@daum.net</i>  <i>Web: http://www.khcasting.co.kr</i>  <i>Certificate Number: MD00/2223/0008/5 Expiry: 23/06/2016</i>	Grey	13.00	Seoul
<b>KYOUNG NAM Co., Ltd.</b>  (Hwanggye-dong) 393, Tae-an-ro Hwaseong-si Gyeonggi-do <i>Tel: +82 (031) 232 3034 Fax: +82 (031) 232 6568</i> <i>Email: kyoung30@chollian.net</i> <i>Certificate No. MD00/2957/0005/5 Expiry date: 06/03/2018</i>	Grey Spheroidal Graphite	15.00 13.00	Seoul
<b>MA CHUN CAST CO., LTD.,</b>  35, Namui-ro 43beon-gil Jinhae-gu Chang-won-Si Gyeongsangnam-Do <i>Tel no: +82 55 552 3522 Fax No: +82 55 552 3523</i> <i>Email: machun3522@yahoo.co.kr</i> <i>Certificate No MD00/3939/0002/5 Expiry date 21/08/2017</i>	Grey Spheroidal Graphite	1.00 1.00	Busan Port
<b>MIDAS CO., LTD</b>  10-50 Dasan sandan 2-gil, Dasan-myun Goryung-gun Kyungsangbuk-do <i>Tel No. +82 54 955 8338 Fax +82 54 955 8377</i> <i>Email: midas0024@nate.com</i> <i>Certificate No. MD00/3107/0006/5 Expiry date: 07/10/2019</i>	Grey Spheroidal Graphite	5.00 5.00	Changwon
<b>PAL-MI METAL IND. CO. LTD.</b>  61, Namyong-ro 522beon-gil Jinhae-gu, Chang-won-si Gyeongsangnam-do <i>Tel: +82 55 552 3840 Fax: +82 55 552 8400</i> <i>Email: palmi27@korea.com</i> <i>Certificate No. MD00/2252/0008/5 Expiry date: 04/09/2019</i>	Grey Spheroidal Graphite	0.27 0.27	Jinhae
<b>S &amp; T DYNAMICS CO., LTD.</b>  Foundry Division 83 Daewon-dong Changwon Kyungnam <i>Tel: +82 55 212 6270 Fax: +82 55 212 6277 Email: mailto:jich@hisntd.com Web: http://www.tongil.co.kr</i> <i>Certificate No. MD00/2844/0007/5 Expiry date: 10/11/2016</i>	Grey Spheroidal Graphite	18.00 10.00	Changwon
<b>SAMCHULLY METAL CO., LTD</b>  431, Yeonamyulgeum-ro, Seonghwan-eup, Seobuk-gu, Cheonan-si, Chungcheongnam-do, <i>Tel: +82 41 582 1231 Fax: +82 41 582 1340</i> <i>email: yssong@smetal.co.kr web: www.smetal.co.kr</i>  <i>Certificate No. MD00/1991/0009/5 Expiry date: 07/06/2020</i>	Grey Spheroidal Graphite	8.00 3.00	Seoul
<b>SAMYOUNG GTM Co.</b>	Grey Spheroidal Graphite	16.50 16.50	Seoul



**List 5**  
**Approved Manufacturers**  
**of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
<p>24-21 Gayagongdan-gil Gayagok-Myeon, Nonsan-Si, Chungcheongnam-do Tel: +82 41 740 5345 Fax: +82 41 741 4197 Email mailto: ksat350@sym.co.kr Web: http://www.sym.co.kr Certificate No. MD00/3017/0005/5 Expiry date: 02/11/2018</p>			
<p><b>SEHWA CO., LTD</b></p> <p>41, Dasansandan 3-gil Dasan-myun Goryeong-gun Gyeongbuk-do Tel No : +82 54 954 0021 Fax no : +82 54 954 0031  Email: sheng@sheng2001.com  Certificate No: MD00/4110/0003/5 Expiry Date 10/01/2019</p>	<p>Grey Spheroidal Graphite</p>	<p>3.00 5.00</p>	<p>Changwon</p>
<p><b>SHIN HAN METAL CO., LTD.</b></p> <p>67, Namui-ro, Jinhae-gu Changwon-Si Gyeongnam Tel +82 (0)55 551 6268 Fax +82 (0)55 551 0393 Mobile: +82 (0)10.2807.8965 Email:mailto:shinhan@naver.com Certificate Number: MD00/2740/0007/5 Expiry: 12/07/2018</p>	<p>Grey Spheroidal Graphite</p>	<p>1.80 1.80</p>	<p>Jinhae</p>
<p><b>STX HEAVY INDUSTRIES CO., LTD.</b></p> <p>Head Office 381, Nammyeon-ro Seongsan-gu, Changwon Tel: +82 (0)55 239 5672 Fax: +82 (0)55 284 3839 Email jeroj@onestx.com Web http://www.stxhi.co.kr Certificate No. MD00/1413/0009/5 Expiry date: 04/08/2020</p>	<p>Grey Spheroidal Graphite</p>	<p>35.00 35.00</p>	<p>Changwon</p>
<p><b>SUNG HO METAL CO., LTD.</b></p> <p>25, Eonhagongdan 2-gil Yeongcheon-si Gyeongsangbuk-do Tel NO. :+82(0)54-331-5800 Fax NO.: +82(0)54-332-1515 Email:wings8005@isungho.com Web: http://www.isungho.com</p>	<p>Grey Spheroidal Graphite</p>	<p>0.09 0.09</p>	<p>Changwon</p>
<p><b>TAE BAEK CAST IRON CO., LTD.</b></p> <p>Dasan-Myun Goryung-Gun Kyungsangbuk-do Tel: +82 (0)54 956 3090 Fax: +82 (0)54 956 3095 Email: mailto:tbcast@naver.com Certificate No. MD00/3304/0004/5 Expiry date: 06/01/2019</p>	<p>Grey Spheroidal Graphite</p>	<p>5.00 5.00</p>	<p>Changwon</p>
<p><b>TECH-YOUNG IRON CONCAST INC.</b></p> <p>(Gyeongseo-dong) 28, Saryeom-ro 10 beon-gil, Seo-gu, Incheon, Tel: +82 32 561 8211 Fax: +82 32 561 8218 email: weld99@hansbar.co.kr web: www.hansbar.co.kr  Certificate Number: MD00/3950/0003/5 Expiry date: 17/09/2020  The scope of approval is for continuous cast bar only, for round sections to 260mm diameter and rectangular sections to 203x218mm, nominal supplied length 3000mm to the above maximum weight.</p>	<p>Grey Spheroidal Graphite</p>	<p>1.20 1.20</p>	<p>Seoul</p>
<p><b>TSP CO., LTD.</b></p> <p>(Yangsan Shop) 13, Yusangongdan 5-gil Yangsan City Kyungnam Tel: +82 55 362 6680 Fax: +82 55 362 6683 Email: daeshin6@chol.com Web: http://www.daeshineng.com Certificate Number: MD00/3643/0007/5 Expiry date: 22/01/2018</p>	<p>Grey Spheroidal Graphite</p>	<p>18.00 1.33</p>	<p>Busan Port</p>
<p><b>WOOIL FOUNDRY CO.</b></p> <p>47, Namui-ro, Jinhae-gu Changwon-si Gyeongsangnam Tel: +82 (0)55 547 6001 Fax: +82 (0)55 547 6665 Email: wooilfoundry@hanmail.net Certificate No. MD00/2950/0006/5 Expiry date: 01/02/2018</p>	<p>Spheroidal Graphite</p>	<p>2.00</p>	<p>Changwon</p>

**List 5**  
**Approved Manufacturers**  
**of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
<b>WOOKIL METAL CO.</b>  68-22, Seobu-ro 1499beon-gil, Juchon-myeon, Gimhae-si, Gyeongsangnam-do, 621-841 <i>Tel: +82 (0)55 338 0192 Fax: +82 (0)55 338 0194</i> <i>email wookilmtl@naver.com</i>  <i>Certificate No. MD00/3211/0005/5 Expiry date: 01/01/2018</i>	Grey Spheroidal Graphite	4.00 4.00	Busan Port
<b>WOOSUNG METAL CO., LTD.</b>  70-51, Sanggung1-gil Godeok-myun, Yesan-gun Chungnam <i>Tel: +32 837 5568 Fax: +32 837 5569 Email: wsgs1@hanmail.net</i> <i>Web http://www.woosung-hitech.com</i> <i>Certificate No. MD00/4571/0001/5 Expiry date: 26/04/2019</i>	Grey Spheroidal Graphite	22.00 22.00	Seoul
<b>YONG JIN Co., Ltd.</b>  1767, SONGGOK-RI, DASAN-MYUN, GORYONG-GUN, GYEONG BUK, <i>Tel: +82 054 956 6133 Fax: +82 054 956 6137</i> <i>email: di8412@naver.com</i>  <i>Certificate: MD00/3670/0003/5 Expiry date: 25/09/2018</i>	Grey Spheroidal Graphite	1.80 0.84	Changwon
<b>YOOSUNG ENTERPRISE CO., LTD.</b> 64, Yongsangongdan-gil, Yongsan-myeon, Yeongdong-gun, Chungcheonbuk-do <i>Tel: +82 43-740-8861 Fax: +82 43-740-8889</i> <i>email yshan@ypr.co.kr web www.ypr.co.kr</i>  <i>Certificate No. MD00/3567/0004/5 Expiry date: 14/12/2020</i>	Grey	0.35	Seoul
<b>YOUNG JIN CAST METAL Co.</b> 43-15, 12-Beongil of Noksansandan 381-Ro, Busan <i>Tel: +82 (0)51 831 0455 Fax:+82 (0)51 831 0457</i> <i>email: yjcmckr@nate.com</i>  <i>Certificate No. MD00/2897/0006/5 Expiry date: 11/06/2020</i>	Spheroidal Graphite	0.70	Busan Port
<b>YOUNG NAM IRON CASTING IND. CO., LTD.</b>  #234, 3 Ga Nowon-Dong, Buk-Gu Daegu <i>Tel: +82 53 351 3954 Fax: +82 53 352 1766</i> <i>Email: Dewwon@naver.com</i> <i>Web: www.yncip.co.kr</i> <i>Certificate No. MD00/1694/0007/5 Expiry date: 26/08/2017</i>	Grey Spheroidal Graphite	7.20 2.50	Changwon

## Latvia

<b>SPERRE BALTIC LTD</b>  Bikernieku Street 18 LV-1039 Riga <i>Tel No: +371 678 40947 Fax No: +371 678 40949 Mob: +371 29436223</i> <i>Email: nadezda.macaka@sperre.com</i> <i>Web: http://www.sperre.com</i> <i>Certificate No: MD00/4326/0002/5 Expiry date 27/05/2020</i>	Grey Spheroidal Graphite	0.10 0.10	Riga
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**List 5**  
**Approved Manufacturers**  
**of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
<b>Mexico</b>			
<b>TECHNOCAST S.A. de C.V.</b> Carreterra Saltillo-Monterrey KM 21.5, Ramos Arizpe, Coahuila, CP 25900, Tel: +52 844 8660600 Fax: +52 844 8660656 Email: yadira.lozano@tupy.com.mx Web: http://www.tupy.com.mx The scope of approval is for the production of engine castings (cylinder blocks and cylinder heads) to internal Caterpillar specifications, in the materials and to the maximum weight shown above. Certificate Number: MD00/3883/0002/5 Expiry date: 03/02/2017	Grey	0.60	Veracruz
<b>TUPY MEXICO SALTILLO, S.A.</b> Blvd. Isidro López Zertuche No. 4003, CP 25239 Saltillo, Coahuila, tel: +52 844 4 11 21 00 email: juana.macias@tupy.com.mx  Certificate No: MD00/4384/0001/5 Expiry Date: 16/09/2017	Grey	0.40	Veracruz

**Norway**

<b>BERGEN ENGINES AS</b>  Att:Foundry Postboks 329 Sentrum 5804 BERGEN Tel: +47 55 53 65 00 Fax: +47 55 53 65 05 Email: mailto:preslava.hristova-ulveseth@rolls-royce.com Web: http://www.rolls-royce.com Certificate No. MD00/2174/0007/5 Expiry date: 13/10/2018	Grey Spheroidal Graphite	15.00 15.00	Bergen
<b>FURNES JERNSTØPERI AS</b> Uthusveien 8, 2335 Stange, Tel: +47 62 53 83 00 email: post@furnes-as.no web: www.furnes-as.no  Certificate No: MD00/4679/0001/5 Expiry date: 06/07/2020	Spheroidal Graphite	0.25	Oslo
<b>MANDAL CASTINGS AS</b>  Støperiveien 13 N-4517 Mandal Tel: +47 38 27 8484 Fax: +47 38 27 8485 Email: post@mandalcastings.no  Web http://www.mandalcastings.no  The scope of approval includes for S.C.Iron crankshafts within the above maximum weight.  Scope of approval does not include heat treatment.  Certificate Number: MD00/0976/0010/5 Expiry: 17/08/2018	Grey Spheroidal Graphite	6.00 6.00	Oslo

**Poland**

<b>GZUT Odlewnia Sp. z o.o</b> Ul. Robotnicza 2, 44-100 Gliwice Tel: +48 32338 1561 Email: odlewnia@gzut.pl Web: www.gzut.pl MD00/4694/0001/5 Expiry date: 17/08/2020	Spheroidal Graphite	0.95	Katowice
<b>MAHLE POLSKA Sp. z o.o.</b> Ul. Mahle 6 63-700 Krotoszyn Tel: +48 (0) 62 722 5256 Fax: +48 (0) 62 722 5119 email: pawel.grabowski@pl.mahle.com web: www.pl.mahle.com The scope of approval is for casting made by centrifugal casting process only. Certificate No. MD00/1685/0009/5 Expiry date: 12/05/2020	Grey	1.50	Katowice

**List 5**  
**Approved Manufacturers**  
**of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
<b>MET-CHEM ZAKLADY METALOWO-CHEMICZNE</b> HALINA SWIERCZEK ODLEWNIA ZELIWA W DEBNIE 32-852 Debno 217, <i>Tel: +48 14 665 88 93 or +48 14 625 70 98</i> <i>email: kj.odlewnia@met-chem.eu; odlewnia@met-chem.eu</i> <i>web: www.met-chem.eu</i> <i>Certificate No: MD00/4277/0002/5 Expiry Date: 05/01/2020</i>	Spheroidal Graphite	0.45	Katowice
<b>ODLEWNIA ELZAMECH Sp. z o.o.</b> ul. Dolna 4a 82-300 Elblag <i>Tel: +48 602 343 455 Fax: +48 552 325 955</i> <i>email: elzamech@elzamech.com.pl web: www.elzamech.com.pl</i> <i>Certificate No. MD00/3436/0004/5 Expiry date: 27/02/2020</i>	Spheroidal Graphite	10.00	Gdansk
<b>ODLEWNIA ZELIWA "SREM" S.A.</b>  Ul. Staszica 1 63-100 Srem <i>Tel: +48 61 281 3807 Fax: +48 61 281 3115</i> <i>Email: mailto:romanbartkowiak@oz-srem.com.pl Web:http://www.oz-srem.com.pl</i> <i>Certificate No. MD00/1702/0007/5 Expiry date: 09/12/2019</i>	Grey Spheroidal Graphite	30.00 30.00	Gdansk
<b>PIOMA-ODLEWNIA Sp. z o.o.</b> ul. R. Dmowskiego 38 97-300 Piotrków Trybunalski <i>Tel: +48 44 648 95 80 Fax: +48 44 648 97 39</i> <i>email marcin.mastalerz@pgosa.pl web www.pioma-odlewnia.com.pl</i>  <i>Certificate No. MD00/2930/0006/5 Expiry date: 16/11/2020</i>	Grey	5.00	Katowice
<b>PUCKIE ZAKLADY MECHANICZNE</b> AMEX Sp. z o. o. kmr E. Szyszowskiego 15 84-100 Puck <i>Tel +48 58 673 20 61 Fax +48 58 673 23 32</i> <i>email: nkj@pzm-amex.pl web: www.pzm-amex.pl</i> <i>Certificate No. MD00/2607/0008/5 Expiry date: 24/10/2020</i>	Grey	0.30	Gdansk
<b>SKB DRIVE TECH S.A.</b>  ul. Ignacego Krasickiego 63/71, 97-500 Radomsko, <i>Tel: +48 44 682 06 00 Fax: +48 44 682 14 80</i> <i>email: monika.janiec-mateja@skbdrivetech.pl web: www.skbdrivetech.pl</i>  <i>Certificate No: MD00/4649/0001/5 Expiry Date: 09/01/2020</i>	Grey Spheroidal Graphite	1.85 2.36	Katowice
<b>TERIEL Sp. z o.o.</b>  ul. Lipowa 2a, 68-300 Gostyń <i>Tel: +48 65 572 0820 Fax:+48 65 572 1405</i> <i>Email: gostyn@teriel.com.pl Web: www.teriel.pl</i> <i>Certificate No: MD00/4681/0001/5 Expiry date: 01/06/2020</i>	Grey Spheroidal Graphite	0.08 0.08	Katowice
<b>ZETKAMA Sp. z o. o.</b>  ul. 3 Maja 12 57-410 Scinawka Srednia <i>Tel: +48 7486 52146 Fax: +48 7486 52101</i>  <i>Email: a.zagrodzka@zetkama.co.pl Web: http://www.zetkama.com.pl</i>  <i>Certificate No. MD00/2947/0006/5 Expiry date: 25/01/2018</i>	Grey Spheroidal Graphite	0.16 0.16	Katowice

## Portugal

<b>DURITCAST, SA</b>  Rua Vale do Salgueiró, 1044 Raso do Salgueiró, ZI EN1 Norte, 3750-753 TRAVASSÓ AGD, <i>Tel +351 234 610 528 Fax +351 234 623 286</i> <i>Email:duritcast@duritcast.pt</i> <i>Certificate No. MD00/3901/0004/5 Expiry date: 10/04/2020</i>	Grey Spheroidal Graphite	0.80 0.80	Lisbon
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**List 5**  
**Approved Manufacturers**  
**of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
<b>Slovenia</b>			
<b>LITOSTROJ JEKLO d.o.o. (Litostroj Steel Ltd)</b> Litostrojska 44 1000 Ljubljana Tel: +386 1 513 1205 Fax: +386 1 505 6696 email: foundry@litostroj.com web: www.litostroj.com Certificate No. MD00/2194/0007/5 Expiry date: 12/11/2018	Grey	25.00	Zagreb
<b>South Africa</b>			
<b>ATLANTIS FOUNDRIES (PTY) LTD.</b> William Gourlay Street, Atlantis Industria P.O. Box 1701, Dassenberg, Cape Town, 7350 Tel: +27(0) 21 573 7260 email: sean.stadler@atlantisfoundries.com web: www.atlantisfoundries.com Certificate No: MD00/4576/0001/5 Expiry Date: 16/05/2019	Grey	0.45	Cape Town
<b>Spain</b>			
<b>FUNDICIONES DELPAR, S.L.</b> Ctra. Toledo-Ávila, km. 32.6 45526 Santo Domingo-Caudilla (Toledo) +34 619 21 06 22 email: calidad@fdelpar.com web: www.fdelpar.com  Certificate No: MD00 4697 0001 5 Expiry Date: 21/08/2020	Spheroidal Graphite	0.20	Bilbao
<b>FUNDICIONES GARBI S.A.</b>  Bº Muntzaratz, 33 Ctra. Abadiano-Elorrio P.O. Box 4 48220 Abadiano-Vizcaya Tel: +34 946215480 Fax: +34 946817386 Email mailto:garbi@fundicionesgarbi.es Web: http://www.fundicionesgarbi.es Certificate No. MD00/2962/0005/5 Expiry date: 29/03/2018	Grey Spheroidal Graphite	0.20 0.20	Bilbao
<b>FUNDICIONES REY S.L.</b>  Pol. Industrial de Rubianes 36600 Vilagarcía de Arousa Pontevedra Tel: +34 986 505814 Fax: +34 986 501451 Email mailto:calidad@fundicionesrey.com Web http://www.fundicionesrey.com Certificate No. MD00/2979/0005/5 Expiry date: 18/04/2018	Grey Spheroidal Graphite	2.00 2.00	Vigo
<b>FUNDICIONES URBINA S.A.</b> C/Pandurea No. 16 Poligono Industrial Golain CP 01170 Villarreal de Alava Tel. +34 9 45465720 Fax 34 9 45465728 Email mailto:alazcano@furbina.com and arubio@furbina.com Web: http://www.furbina .com Certificate No. MD00/0567/0007/5 Expiry date: 27/02/2018	Spheroidal Graphite	0.18	Bilbao
<b>FURESA S. Coop</b> P.I. Santa Apolonia, 4 48215 Iurreta, Bizkaia Tel: +34 946 812 561 Fax: +34 946 812 559 email: produccion@furesa.com web: www.furesa.com Certificate Number: MD00/3722/0002/5 Expiry date: 19/12/2015	Spheroidal Graphite	0.32	Bilbao
<b>NAVANTIA - U.P.MOTORES</b>  Carretera de Algameca,s/n 30205 Cartagena Tel: +34 968 128 225 Fax: +34 968 128 220 Email: dpastor@navantis.es Web: www.navantia.es Certificate No. MD00/4170/0002/5 Expiry date: 29/05/2019	Grey Spheroidal Graphite	0.10 16.67	Cadiz

**List 5**  
**Approved Manufacturers**  
**of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
<b>OLAZABAL Y HUARTE S.A.</b>  C/Larragana, 2 Zona Industrial Betoño 0103 Vitoria (Alava) Tel: +34 945 261000 Fax: +34 945 255927 email: calidad@olazabalyhuarte.com web: olazabalyhuarte.es  Certificate No. MD00/1146/0007/5 Expiry date: 09/05/2017	Grey Spheroidal Graphite	20.00 20.00	Bilbao
<b>SAKANA, S. COOP.</b> Zona Sarrarte Sin, 31830 Lakuntza, Navarra Tel: +34 948 576 000 Fax: +34 948 576 130 email: echoadeolza@sakano.coop web: www.sakana.coop  Cert No: MD00/4448/0001/5 Expiry Date: 18/03/2018	Spheroidal Graphite	22.50	Bilbao

## Sweden

<b>LAMMHULTS GJUTERI AB</b> Box 35 S-360 30 Lammhult Tel: +46 472 260160 E-mail: mikael.lammhultsgjuteri@telia.com Website: www.lammhultsgjuteri.se Certificate No. MD00/3219/0004/5 Expiry date: 18/02/2018	Grey	0.30	Gothenburg
<b>STOREBROGJUTERIET AB</b>  Box 1 Masugnsvägen 1 SE-598 70 Storebro Tel: +46 492 75603 Fax: +46 492 30645 Email mailto:order@storebrogjut.se Web http://www.storebrogjut.se Certificate No. MD00/3094/0005/5 Expiry date: 10/06/2019	Grey Spheroidal Graphite	7.00 7.00	Gothenburg
<b>VALMET AB</b> Axel Johnsons Väg 6 P.O. 1014 SE- 651 15 Karlstad Tel no: +46 54171000 Fax No: +46 54101760 Email: christoffer.fransson@valmet.com Web: www.valmet.com Certificate no: MD00/4337/0002/5 Expiry Date: 10/06/2020	Spheroidal Graphite	19.55	Gothenburg

## Switzerland

<b>BENNINGER GUSS AG</b>  Fabrikstrasse CH-9240 Uzwil Tel: +41 (0)71 955 8800 Fax: +41 (0)71 955 8890 email: info@benningerguss.ch web http://www.benningerguss.ch Certificate No. MD00/2980/0005/5 Expiry date: 26/02/2018	Grey Spheroidal Graphite	5.00 5.00	Dortmund
<b>NOTTARIS AG</b>  Bahnhofstrasse 2 CH-3414 Oberburg Tel: +41 (0) 34 427 07 07 Fax: +41 (0) 34 427 07 08 Email: mailto:info@nottaris.ch Web:http://www.nottaris.ch Certificate No. MD00/3220/0004/5 Expiry date: 03/03/2018	Grey Spheroidal Graphite	2.00 2.00	Hamburg
<b>VONROLL CASTING (RONDEZ) SA</b>  CH-2800 Delémont tel: +41 32 421 77 11 fax: +41 32 421 77 75 email: info-rondez@vonroll-casting.ch web: www.vonroll-casting.ch Certificate No: MD00/4519/0001/5 Expiry Date: 19/10/2018	Grey Spheroidal Graphite	0.40 0.40	Dortmund

**List 5**  
**Approved Manufacturers**  
**of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
<b>WOLFENBERGER AG</b>	Grey	0.80	Dortmund
Bäretswilerstrasse 45 CH-8494 Bauma Tel: +41 (0)52 396 1111 Fax: +41 (0)52 396 1511 Email: wag@wolfenberger.ch Web http://www.wolfenberger.ch Certificate No. MD00/2967/0005/5 Expiry date: 17/04/2018	Spheroidal Graphite	0.80	
<i>Approved for Austenitic Engineering and Special Purpose grade flake and ductile irons</i>			

## Taiwan, Republic of China

<b>CHINA STEEL MACHINERY CORPORATION</b>	Grey	50.00	Kaohsiung
No. 3, Tai-Chi Road Hsiao Kang District Kaohsiung Tel +886 7802 0111Ext 415 / 418 Fax +886 7802 2423 Email: v01570@csmc.com.tw Web: www.csmc.com.tw Certificate No. MD00/1480/0007/5 Expiry date: 10/03/2017			
<b>TAIWAN SHUN HSING INDUSTRIAL CO., LTD.</b>	Grey	2.50	Taipei
339, Kee King 1st Road Keelung 204 Tel: +886 2 243 12126 Fax: +886 2 243 21584  E-mail: :shun.hsingtw@msa.hinet.net  Website: www.twn-shunhsing.com.tw  Certificate No. MD00/1373/0009/5 Expiry date: 25/01/2021	Spheroidal Graphite	2.50	

## Thailand

<b>AYUTTHAYA METAL Co LTD</b>	Spheroidal Graphite	1.80	Bangkok
Ayutthaya 33 Group 3, Km. 11, Rojana Rd, Samreun, Bang-pa-in Ayutthaya 13160 Tel: +66 353-303-370-1 Fax: +66 353-301-103 E-mail: amcmetal@ksc.th.com  Certificate No: MD00/4416/0001/5 Expiry Date: 07/01/2018			
<b>THAI DUCTILE INDUSTRY CO., LTD.</b>	Spheroidal Graphite	0.30	Bangkok
82/1 Moo 8 Petchkasem Rd. Tambol Aomyai Amphur Sampran Nakornpathom 73160 Tel: +66 02 8125950-8 Fax: +66 02 8125959 email: tdi@thaiductile.com web: www.thaiductile.com Certificate No. MD00/2739/0006/5 Expiry date: 24/09/2018			
<b>THAI FIRST CASTING CO. LTD</b>	Grey	2.00	Bangkok
28/2 Moo 5 Rama 2 Road, Phraeknamdaeng, Amphawa, Samutsongkhram. 75110 Tel: 034-7015903-3 Fax: 034-701594 E-mail: tfc@thaitfc.com & tfcmt@thaitfc.com  Certificate No: MD00/4506/0001/5 Expiry Date: 24/08/2018	Spheroidal Graphite	3.10	

## The Netherlands

<b>COMPONENTA B.V.</b>	Grey	2.00	Haren (Groningen)
	Spheroidal Graphite	2.00	

**List 5**  
**Approved Manufacturers**  
**of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
<p>Business Unit Componenta Heerlen De Koumen 2 PO Box 197 6430AD Heerlen Tel: +31 (0) 495513800 Fax: +31 (0) 455283692 Email: <a href="mailto:mailto:paul.hutschemaekers@componenta.com">mailto:paul.hutschemaekers@componenta.com</a> Web <a href="http://www.componenta.com">http://www.componenta.com</a> Certificate No. MD00/2141/0007/5 Expiry date: 26/08/2018</p>			
<b>COMPONENTA B.V.</b>	Grey	0.30	Haren (Groningen)
<p>Business Unit Componenta Weert Lozerweg 90 PO Box 10212 6000 GE Weert Tel: +31 (0) 495513800 Fax: +31 (0) 495513895 Email: <a href="mailto:mailto:john.vanhouwe@componenta.com">mailto:john.vanhouwe@componenta.com</a> Web <a href="http://www.componenta.com">http://www.componenta.com</a> Certificate #: MD00/2142/0008/5 Expiry date: 26/08/2018</p>	Spheroidal Graphite	0.30	
<b>GERAEDTS IJZERGIEIJERIJ B.V.</b>	Grey	6.00	Haren (Groningen)
<p>Veldstraat 82 5991 AE Baarlo Tel: +31 (0)77 477 1660 Fax: +31(0)77 477 1619 email: <a href="mailto:info@geraedtsijzergieijerij.nl">info@geraedtsijzergieijerij.nl</a> web: <a href="http://www.geraedtsijzergieijerij.nl">www.geraedtsijzergieijerij.nl</a> Certificate No. MD00/3846/0002/5 Expiry date: 10/10/2016</p>	Spheroidal Graphite	6.00	
<b>Gieterij Borcherts B.V.</b>	Spheroidal Graphite	2.50	Haren (Groningen)
<p>Noorderstraat 370 Postbus 8 9610 AA Sappemeer Certificate No. MD00/3387/0004/5 Expiry date: 22/10/2019</p>			
<b>LOVINK TECHNOCAST B.V.</b>	Spheroidal Graphite	5.00	Haren (Groningen)
<p>LOVINK TECHNOCAST HANDMOULDINGS B.V. Lovinkweg 3 P.O. Box 2 7060AA, Terborg Tel: +31 315 335656 Fax: +31 645 643363  email: <a href="mailto:v.smit@lovink.com">v.smit@lovink.com</a>  Website: <a href="http://www.lovink-technocast.com">www.lovink-technocast.com</a>  Certificate No. MD00/0950/0008/5 Expiry date: 22/01/2020  Approved for components in the as cast condition only.</p>			
<b>SANDERS GEARS CASTINGS MACHINING</b>	Grey	2.40	Haren (Groningen)
<p>SANDERS' IJZERGIEIJERIJ EN MACHINEFABRIEK B.V Wheeweg 24 NL-7471 EW Goor Tel: +31 (0) 547 289 494 Fax: +31 (0) 547 289 499 Email: <a href="mailto:samders@ijzergieijerij.nl">samders@ijzergieijerij.nl</a> Web: <a href="http://www.ijzergieijerij.nl">http://www.ijzergieijerij.nl</a> Approval does not include for the heat treatment of iron castings. Certificate Number: MD00/3878/0003/5 Expiry date: 16/01/2020</p>	Spheroidal Graphite	1.90	
<b>VAN VOORDEN FOUNDRY</b>	Spheroidal Graphite	15.00	Haren (Groningen)
<p>Bossekamp 6 5301 LZ Zaltbommel Tel: +31 (0)418 571200 Fax: +31 (0)418 571290 Email: <a href="mailto:T.Rijn@vanvoorden.nl">T.Rijn@vanvoorden.nl</a> Web: <a href="http://www.vanvoordenfoundry.nl">www.vanvoordenfoundry.nl</a>  Certificate No. MD00/1621/0009/5 Expiry date: 22/05/2020</p>			

## Turkey

<b>AKDAS - Casting Industry and Trade Co. Inc.</b>	Grey	18.00	Istanbul
<p>Oguz Cad No 40, Organize Sanayi Bolgesi Sincan 06935 Ankara Tel: +90 312 267 1880 Fax: +90 312 267 1888 Email: <a href="mailto:akdas@akdas.com.tr">akdas@akdas.com.tr</a> Web: <a href="http://www.akdas.com.tr">http://www.akdas.com.tr</a>  Certificate Number: MD00/3417/0003/5 Expiry date: 22/01/2017</p>	Spheroidal Graphite	26.20	



**List 5**  
**Approved Manufacturers**  
**of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
<b>ARDÖKSAN SFERO VE KALITELİ PİK DÖKÜM SANAYİ LTD.STİ.</b>  Kırklareli Organize Sanayi Sanayi Bölgesi, Kızılçikdere, Kırklareli, Tel No: +90 212 911 9898 Fax No:+90 212 873 00 49 Email ardoksan@ardoksan.com Web: www.ardoksan.com Certificate No: MD00/4168/0001/5 Expiry date 29/05/2016	Grey Spheroidal Graphite	0.35 0.35	Istanbul
<b>ATİK METAL SANAYİ A.S.</b>  Kemal Nehrozoglu Caddesi No:1 Aliaga Organize Sanayi Bölgesi 35800-Aliaga İzmir Tel: +90 232 328 3510 Fax: +90 232 328 3518 Mobile: +90 232 559 3175 Email to: nilguntok@atikmetal.com.tr Web http://www.atikmetal.co.tr Certificate No.:MD00/3993/0002/5 Expiry Date: 21/02/2018	Grey Spheroidal Graphite	1.00 1.00	Istanbul
<b>CEMAS DOKUM SANAYİ A.S.</b>  Cemas Casting Industry Co. Inc., Ankara Asfaltı 12 km, 40100 Kırşehir Tel No. +90 386 236 80 80 Fax No. + 90 386 234 83 49 Email: ecam@cemas.com.tr Web: www.cemas.com.tr Certificate No MD00/4070/0002/5 Expiry date 26/08/2018 Not approved for heat treatment and NDE testing	Grey Spheroidal Graphite	0.10 0.10	Istanbul
<b>DIKKAN METAL ÜRÜNLERİ SAN. VE TIC. A.S.</b>  Kemalpaşa Yolu Üzeri Hayitlikir Mevkii Ulucak Köyü Kemalpaşa İzmir Tel No:+90 232 8771714 Fax:+90 232 8771715  E-mail: kadir.hasen@dikkan.com / info@dikkan.com  Website: www.dikkan.com  Certificate No. MD00/3424/0004/5 Expiry date: 09/02/2020	Grey Spheroidal Graphite	1.00 1.00	Istanbul
<b>DİRİNLER DÖKÜM SAN. TUR. LIMAN İŞL. VE TIC. A.S.</b>  A.O.S.B.10006 Sokak No. 57 Çiğli İZMİR Tel: +90 232 376 8787 Fax: +90 232 376 8567 Email  E-mail: kalitesistem@dirinlerdokum.com  Website: http://www.dirinlerdokum.com  Certificate No. MD00/3295/0004/5 Expiry date: 14/12/2018	Grey Spheroidal Graphite	9.00 9.00	Istanbul
<b>EKSTRAMETAL DÖKÜM İZABE VE.MAK.SAN.İTH.İHR.TIC.LTD.STİ.</b>  Ankara1. Organize Sanayi Bölgesi Karamanlilar Caddesi No:1 Sincan Ankara Tel no: +90 312 267 0556 Fax no: +90 312 267 0559 Email: ekstra@ekstrametal.co.tr Web: http://www.ekstrametal.com.tr Certificate No: MD00/4288/0002/5 Expiry date 10/02/2020  Including 5G iron crankshafts up to 66kgs	Grey Spheroidal Graphite	0.74 0.74	Istanbul
<b>ERKUNT SANAYİ A.S.</b>  Foundry 1 Bahçekapi Mah. Fen işleri Cad. No: 2 06797 Etimesgut ANKARA Tel: +90 312 397 2500 Fax: +90 312 397 2507 email erkunt@erkunt.com.tr web: www.erkunt.com.tr  Certificate No. MD00/3519/0004/5 Expiry date: 17/05/2020  The scope of approval does not include for the heat treatment of castings.	Grey Spheroidal Graphite	0.25 0.26	Istanbul

**List 5**  
**Approved Manufacturers**  
**of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
<b>ERKUNT SANAYİ A.S.</b> Foundry 2 Sincan OSB, Batihun Sk. No:2 06935 Sincan, ANKARA Tel: +90 312 397 2500 Fax: +90 312 397 2507 email erkunt@erkunt.com.tr web www.erkunt.com.tr  Certificate No. MD00/3520/0004/5 Expiry date: 17/05/2020  The scope of approval does not include for the heat treatment of castings.	Grey	0.10	Istanbul
<b>FEDERAL-MOGUL POWERTRAIN OTOMOTIV A.S.</b> Hasanpasa Mah. Segman Cad. No:14 Kirkpınar - Sapanca, Sakarya Tel: 0090 264 582 59 30 Fax: 0090 264 582 59 35 email: gokhan.eren@federalmogul.com web: www.federalmogul.com.tr  Certificate No: MD00/3793/0003/5 Expiry date: 12/06/2019	Grey	0.03	Istanbul
<b>HEKIMOGLU DOKUM SAN. NAK. VE TIC. A.S.</b>  Erzurum Yolu 5.km. P.K. 61100 Trabzon Tel: +90 462 325 0025 Fax: +90 462 325 0072 Email: mailto: a.basar@hekimoglugudokum.com Website: http://www.hekimoglu.com.tr Certificate No. MD00/2972/0005/5 Expiry date: 02/03/2018	Grey Spheroidal Graphite	1.00 1.00	Istanbul
<b>ISTANBUL DOKUM SAN. TIC. LTD. STI.</b>  5.ci Cadde, 11. Sokak Istanbul mermerciler Koop. Köselier Köyü, Gebze Kocaeli Tel No. +90 262 728 1300 Fax: +90 262 728 1308 email: hakan@istanbuldokum.com web: www.istanbuldokum.com  Certificate No. MD00/3556/0005/5 Expiry date: 05/01/2018	Grey Spheroidal Graphite	7.00 7.00	Istanbul
<b>KUTES METAL SANAYİ VE TİCARET A.S.</b>  Hatip Mah. Bahar Yıldızı Sok. No. 10 Çorlu, Tekirdağ Tel: +90 282 651 9983 Fax: +90 282 652 5922  E-mail: info@kutes.com.tr  Website: www.kuts.com.tr  Certificate No. MD00/3928/0003/5 Expiry date: 27/06/2020	Grey Spheroidal Graphite	0.05 0.05	Istanbul
<b>SILSAN SİLİNDİR ve MOTOR ELEMANLARI SAN. ve.TİC. A.S.</b> Mersin Yolu 10. Km. TR-01210 Adana P.O. Box 127 TR-01322, Adana Tel: +90 322 441 03 11 Fax: +90 322 441 00 86 Web http://www.silsan.com Email: devrim.karahan@silsan.com Certificate No. MD00/4091/0002/5 Expiry date: 12/11/2018	Grey	2.10	Istanbul
<b>SUMER ÇELİK DOKUM SANAYİ TİCARET A.S.</b>  Yazibasi Torbali 35860 İzmir Tel: +90 232 232 8538939 Fax: +90 232 8538471  Email: fethi@sumerdokum.com  Web: www.sumerdokum.com  Certificate No. MD00/2964/0006/5 Expiry date: 06/04/2019	Grey Spheroidal Graphite	2.50 6.00	Istanbul

**List 5**  
**Approved Manufacturers**  
**of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
<b>Ukraine</b>			
<b>MOTORDETAL-KONOTOP</b> 64 Vyryvska Street Konotop 41612 Sumska Region Tel: +38 (0)5447 62391 Fax: +38 (0)5447 23107 email: administration@motordetal.com.ua web: www.motordetal.com.ua Certificate No. MD00/2281/0007/5 Expiry date: 02/12/2019	Grey	1.30	Mykolaiv

**United Arab Emirates**

<b>GULF METAL FOUNDRY (LLC)</b>  # B 447, Street # 27, Al Quoz Industrial Area 2, Dubai, Tel: +971 4 3470561 Fax: +971 4 3470354 email: sanjay@foundry.ae web: www.foundry.ae Certificate Number: MD00/2191/0003/5 Expiry: 15/10/2018	Grey Spheroidal Graphite	0.08 0.08	Dubai
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**United Kingdom**

<b>BAS CASTINGS Ltd.</b>  Wharf Road Industrial Estate Pinxton Nottingham NG16 6LE Tel: +44 (0)1773 812028 Fax: +44 (0)1773 861948 email: andy.smithurst@bascastings.com web: www.bascastings.com  Certificate No. MD00/1996/0009/5 Expiry date: 09/09/2020  Ni-Resist Iron Castings are accepted for approved applications. Approval for SGI Castings over 3 Tonnes in weight is for production in accordance with internal procedure BAS300M14 Revision 1 Dated 14/01/2011.	Grey Spheroidal Graphite	3.00 4.20	Birmingham
<b>CERDIC FOUNDRIES LTD</b>  Beeching Close Chard Somerset TA20 1BB Tel: 01460 64301, Fax. No. 01460 63961 E-mail: david@cedricfoundries.co.uk  Website: www.cedricfoundries.co.uk  Certificate No: MDOO/4503/0001/5 Expiry Date: 26/08/2018	Grey Spheroidal Graphite Compacted Graphite	1.63 3.00 0.14	Southampton
<b>COUPE CASTINGS LIMITED</b>  Kittlingbourn Brow Higher Walton, Preston Lancashire Tel: +44 (0)1772 338151 Fax: +44 (0)1772 627609 Certificate No. MD00/4127/0001/5 Expiry date: 29/02/2016	Grey Spheroidal Graphite	14.50 12.50	Birmingham
<b>GEORGE TAYLOR &amp; CO. (HAMILTON) LTD.</b>  Kemp Street Hamilton Lanarkshire ML3 6PQ Tel +44 (0)1698 284949  E-mail: douglaskerr@gtham.co.uk  Website: www.gtham.co.uk  Including S.G. iron crankshafts  Certificate No. MD00/1492/0008/5 Expiry date: 22/08/2020	Grey Spheroidal Graphite	3.00 3.00	Glasgow

**List 5**  
**Approved Manufacturers**  
**of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
<b>JOSEPH &amp; JESSE SIDDON'S LTD.</b>  Howard Street, Hill Top West Bromwich West Midlands B70 0TB Tel: +44 (0)121 556 0218 Fax: +44 (0)121 556 3843 Email: <a href="mailto:mailto:dean.millington@jjsiddons.co.uk">mailto:dean.millington@jjsiddons.co.uk</a> Certificate No. MD00/2256/0007/5 Expiry date: 05/10/2019	Grey Spheroidal Graphite	1.00 0.80	Liverpool
<b>MICRON ALLOY CASTINGS</b> Platts Road Industrial Estate Amblecote Stourbridge West Midlands DY8 4YR Tel +44 (0)1384 393247 Fax: 01384 444860 email: <a href="mailto:steve@micronalloys.co.uk">steve@micronalloys.co.uk</a> web: <a href="http://www.micronalloys.co.uk">www.micronalloys.co.uk</a> Certificate No. MD00/1845/0008/5 Expiry date: 17/06/2018	Spheroidal Graphite	0.63	Liverpool
<b>RUSSELL DUCTILE CASTINGS LTD.</b>  Dawes Lane, Scunthorpe, North Lincolnshire, DN15 6UW, Tel: +44 1724 862152 Fax: +44 1724 280461  Email: <a href="mailto:james_greaves@russellductile.co.uk">james_greaves@russellductile.co.uk</a>  Website: <a href="http://www.russellductile.co.uk">http://www.russellductile.co.uk</a>  Certificate Number: MD00/3859/0003/5 Expiry date: 09/11/2019  Heat treatment sub - contracted	Grey Spheroidal Graphite	1.20 1.70	Liverpool
<b>T.H.DICK &amp; COMPANY LTD.</b>  Cleveland Street Hull HU8 7BD Tel: +44(0) 1482 329652 Fax: +44(0)1482 589986 Email <a href="mailto:info@thdick.co.uk">mailto:info@thdick.co.uk</a> Web: <a href="http://www.thdick.co.uk">http://www.thdick.co.uk</a> Certificate Number: MD00/2992/0005/5 Expiry: 16/07/2018	Grey Spheroidal Graphite	1.50 1.50	Liverpool
<b>UNITED CAST BAR LIMITED</b>  Spital Lane Chesterfield. Derbyshire. S41 0EX Tel: +44 1246 201194 Fax: +44 1246 540434  E-mail: <a href="mailto:info@unitedcastbar.com">info@unitedcastbar.com</a>  Website: <a href="http://www.unitedcastbar.com">www.unitedcastbar.com</a>  Certificate No: MD00/4702/0001/5 Expiry Date: 01/09/2017	Grey Spheroidal Graphite	9.65 9.65	Hull

**United States of America**

<b>ATI CASTING SERVICE</b>  300 Philadelphia St. La Porte IN 46350 Tel: +1 219 362 1000 Fax: +1 219 362 4413 email: <a href="mailto:larry.bergstrom@atimetals.com">larry.bergstrom@atimetals.com</a> web: <a href="http://www.atimetals.com">www.atimetals.com</a>  Certificate No. MD00/3433/0003/5 Expiry date: 25/02/2017	Grey Spheroidal Graphite	10.00 10.00	Chicago
<b>GLIDEWELL SPECIALITIES FOUNDRY</b>  600 Foundry Road Calera Al 35040 Tel: +1-205-795-7332 Fax: +1-205-668-1972 Email: <a href="mailto:jhendrix@glidewell-foundry.com">jhendrix@glidewell-foundry.com</a> Web: <a href="http://www.glidewell-foundry.com">http://www.glidewell-foundry.com</a> Certificate Number: MD00/3746/0003/5 Expiry Date: 22/02/2019	Grey Spheroidal Graphite	6.10 6.10	New Orleans
<b>LODI IRON WORKS INC</b>	Grey Spheroidal Graphite	0.78 0.37	Seattle

**List 5  
Approved Manufacturers  
of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
LODI 820, S. Sacramento Street, PO Box 1150, Lodi, California 95241-1150 <i>E-mail: kevin@lodiiron.com &amp; sales@lodiiron.com</i> <i>Tel: + (209) 368 5395 Fax: + (209) 339 1453</i>  <i>Website: www.lodiiron.com</i>  <i>Certificate No: MD00/4421/0001/5      Expiry Date: 05/02/2018</i>			
<b>MOTOR CASTINGS COMPANY</b>  1323, South 65th Street, Milwaukee (WI) 53214 <i>Tel No: +1 414 476 1434</i> <i>Email: bartellb@motorcastings.com</i> <i>Web www. mororcastings.com</i> <i>Certificate Npo: MD00/4120/0002/5      Expiry Date 31/01/2019</i>	Grey Compacted Graphite	0.12 0.22	New York
<b>NIBCO INCORPORATED</b>  4059, E. State Highway 18 Blytheville Arkansas 72315-6907 <i>Tel: +1 870 763 7044 Fax: +1 870 763 1567</i> <i>Email: mailto:goodwin@nibco.com</i> <i>Web: www.nibco.com</i> <i>Certificate No. MD00/1077/0007/5      Expiry date: 01/10/2017</i>	Grey Spheroidal Graphite	0.35 0.35	New Orleans

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