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

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This list identifies foundries approved by Lloyd's Register Group Limited (LR) for the manufacture of iron castings in accordance with the requirements of LR's Rules for the Manufacture, Testing and Certification of Materials, Chapter 7.

The information listed for each foundry is a summary and includes the types of iron and maximum approved casting weight. The types of iron include:

Grey cast-iron  
Spheroidal-graphite(SG) cast-iron

This section also details those foundries approved for the manufacture of cast-iron crankshafts.

Where required further information should be obtained from the current certificate of approval issued to the manufacturer by LR.

Works designated "MQS Approved" are also approved under the Materials Quality Scheme in accordance with LR's Rules for the Manufacture, Testing and Certification of Materials, Chapter 1 Section 2.

Approval only covers the manufacturing location listed, it does not extend to other foundries owned by the same company.

The local LR surveying office is also listed.

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

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

Name and Address	Grade	Max Weight Tonnes	Office
<b>Austria</b>			
<b>EGM - INDUSTRIEGUSS GmbH</b>	Grey Spheroidal Graphite	4.50 4.50	Vienna
<p>Gusswerkstrasse 7 2513 Möllersdorf Tel: +43 2252 52655 - 25 Fax: +43 2252 53115 Email: <a href="mailto:vkeri@egm-guss.eu">mailto:vkeri@egm-guss.eu</a> Web: <a href="http://www.egm-guss.eu">http://www.egm-guss.eu</a> Certificate #: MD00/3169/0004/5 Expiry date: 23/07/2017</p>			
<b>MASCHINENFABRIK LIEZEN UND GIESSEREI GmbH</b>	Grey Spheroidal Graphite	0.15 0.15	Vienna
<p>Werkstraße 5 A-8940 Liezen Tel +43 3612 270 1250 (1504) Fax +43 3612 270 1592 Email: <a href="mailto:f.schmier@mfl.at">f.schmier@mfl.at</a> or <a href="mailto:f.bischof@mfl.at">f.bischof@mfl.at</a> Web:<a href="http://www.mfl.at">http://www.mfl.at</a> Certificate #: MD00/0998/0009/5 Expiry date: 16/05/2021</p>			
<b>WAGNER SCHMELZTECHNIK GmbH &amp; CO KG</b>	Grey Spheroidal Graphite	6.00 6.00	Vienna
<p>Dr Karl Renner Straße, A - 4470, Enns. Tel: +43-722-832-74 Fax: +43-810-9554 - 150869  E-mail: <a href="mailto:qw@wagnerguss.com">qw@wagnerguss.com</a>  Certificate No: MD00/4652/0002 Expiry Date: 18/01/2020</p>			

**Belgium**

<b>ALLARD EUROPE N.V.</b>	Grey Spheroidal Graphite	22.00 22.00	Antwerp
<p>Veedijk 51 B-2300 Turnhout Tel: +32 14 44 54 68  E-mail: <a href="mailto:alwin.mertens@allard-europe.com">alwin.mertens@allard-europe.com</a>  Website: <a href="http://www.allard-europe.com">www.allard-europe.com</a>  Certificate No: MD00/1074/0008/5 Expiry date: 17/07/2017</p>			
<b>FERROMATRIX NV</b>	Grey Spheroidal Graphite	4.00 2.70	Antwerp
<p>Michel Vandewielestraat 7 B-8510 Kortrijk (Marke) Tel: +32 56 243 568 Mob: +32 476 961 987  E-mail: <a href="mailto:Wouter.Pattyn@ferromatrix.com">Wouter.Pattyn@ferromatrix.com</a>  Website: <a href="http://www.ferromatrix.be">www.ferromatrix.be</a>  Certificate No.: MD00/4388/0002/5 Expiry date: 30/09/2020</p>			
<b>PROFERRO NV</b>	Grey Spheroidal Graphite	0.35 0.35	Antwerp
<p>Steverlyncklaan 15, 8900 - Ieper, Tel: +32 (0) 57 222 479  E-mail: <a href="mailto:edwl@proferro.be">edwl@proferro.be</a>  Website: <a href="http://www.proferro.be">www.proferro.be</a>  Certificate: MD00/3061/0006/5 Expiry date: 24/02/2022</p>			

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Name and Address	Grade	Max Weight Tonnes	Office
<b>Brazil</b>			
<b>TUPY S.A.</b>	Grey	0.30	Rio de Janeiro
Joinville Plant Rua Albano Schmidt, 3400 89227-901- Joinville Santa Catarina Tel: +55 47 4009 9034 email paoladc@tupy.com.br web www.tupy.com.br Certificate No.: MD00/3269/0005/5 Expiry date: 18/08/2021	Compacted Graphite	0.06	
<b>Bulgaria</b>			
<b>CENTROMET JSC</b>	Grey	4.10	Varna
Vratza 3000 P.O.B. 25 Tel: +359 92 661 425 Fax: +359 92 661 397 email: mtg@mtgbg.com web: www.centromet.mtgbg.com Certificate #: MD00/0270/0007/5 Expiry date: 16/10/2019	Spheroidal Graphite	0.05	
<b>MTM LTD.</b>	Grey	2.20	Varna
P.O.Box 74 7002 Rouse Tel: +359 082 82 875 180 Fax: +359 82 876119  E-mail: info@mtm-rousse.com  Website: www.mtm-rousse.com  Certificate: MD00/2835/0006/5 Expiry date: 20/10/2019			
<b>Canada</b>			
<b>CENTURY PACIFIC FOUNDRY LTD</b>	Spheroidal Graphite	1.80	Vancouver BC
8239-128th Street Surrey BC V3W 4G1 Tel +1 604 596 7451 Fax: +1 604 596 9882 e-mail: peter@century-pacific.com web: www.century-pacific.com  Certificate #: MD00/4533/0002/5 Expiry date: 14/04/2021			
<b>THOMPSON FOUNDRY LTD.</b>	Spheroidal Graphite	0.80	Vancouver BC
12540 82nd Avenue Surrey, BC V3W 3E9 Tel: +1 604 596 9611 Fax: +1 604 596 7566 Email: thompson_foundry@telus.net Web: http://www.thompsonfoundry.com Certificate Number: MD00/1515/0007/5 Expiry: 02/01/2020			
<b>China, People's Republic of</b>			
<b>AFCON NINGJIN YAHUA INDUSTRIES Co., LTD.</b>	Grey	1.00	Qingdao
No. 2, Provincial Road 314 Ningjin County Development Zone Shandong Province Tel: 86-534-5425105, Fax: 86- 534-5218336 Email: mhgj@163.com Web: www.sdyahua-valve.com Certificate #: MD00/4491/0002/5 Expiry date: 15/06/2021	Spheroidal Graphite	1.00	
<b>ANQING CSSC DIESEL ENGINE CO.LTD.,</b>	Grey	9.20	Wuhan
Xingye Road, Industrial Park, Anqing Economic Technical Development Zone, Anqing City, Anhui Province, Tel No: +86 556 5307 233 Fax No: +86 556 5309 644 email: proface123@163.com web: acd.cssc.net.cn Cert No MD00/3810/0003/5 Expiry date 16/07/2019	Spheroidal Graphite	14.00	
	Compacted Graphite	0.80	

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Name and Address	Grade	Max Weight Tonnes	Office
<b>ANSHAN HANHO MACHINERY &amp; METAL CO., LTD.</b>  QianShan District AnZheng Road #8 Anshan Tel: 0412 843 7001 Fax: 0412 843 7002  E-Mail: chendan-2001@126.com  Certificate #: MD00/3217/0005/5 Expiry date: 27/01/2021	Grey Spheroidal Graphite	30.00 5.00	Dalian
<b>BAODING THANKSGIVING INDUSTRY AND TRADE CO., LTD.</b>  Qi Li Ting Town Yi County, Baoding City, North of 112 National Way. Tel No: +86 312 885 0806 Fax No: +86 312 823 5321  E-mail: zhiganizk@163.com  Website: www.bdthg.com  Certificate No: MD00/4235/0002/5 Expiry Date: 12/10/2019	Spheroidal Graphite	2.56	Dalian
<b>CHANGTAI HAILI MACHINERY CO., LTD.</b>  Nanban Wu'an Town Changtai County, Zhangzhou City Fujian Province Tel: +86 596 8323 220 Fax: +86 596 8328220 Email :zheng.sz@cn-haili.com Web http://www.cn-haili.com Certificate Number: MD00/4138/0002/5 Expiry date: 01/04/2019	Grey Spheroidal Graphite	0.20 0.49	Guangzhou
<b>CSIC No. 12 RESEARCH INSTITUTE</b>  Branch Foundry of Ferrous Metal Banqiao Xicheng District Xingping Shaanxi 713102 Tel: +86 29 38316003 Fax: +86 29 38316267 Email: mxq-06@163.com  Certificate #: MD00/3113/0005/5 Expiry date: 17/12/2018	Grey Spheroidal Graphite	2.50 2.50	Wuhan
<b>CSSC MARINE POWER COMPONENTS CO LTD</b>  No 55, South Xinyuan Road, Nanhui District Shanghai 201306 Tel: +86-021-61185555 Fax: +86-021-61185533  E-mail: constanting35@163.com  Certificate: MD00/0703/0009/5 Expiry date: 05/02/2019	Grey Spheroidal Graphite	40.00 12.13	Shanghai Port
<b>DALIAN DAFACASTING CO., LTD.</b>  of DALIAN MARINE VALVE CO., LTD. Huaershan, Tiexi Puwan New District Dalian Tel: +86 411 8349 1118 Fax: +86 411 8349 1037 Email to: dmvmf@163.com Web: www.dafacasting.cn Certificate #: MD00/3490/0005/5 Expiry date: 07/09/2020	Grey Spheroidal Graphite	1.50 1.50	Dalian
<b>DALIAN HELLON PISTON Co., Ltd.</b>  No.76-1 Gangtie Road, Economic and Technical Development Zone, Dalian City 116600 Tel: +81 1514 2378285 Fax +81: (0)411 362 46088 Mob +81 13604251527 Email: sun_chuang@hellonpiston.com Web: www.chinapiston.com Certificate #: MD00/3930/0003/5 Expiry date: 27/06/2020	Spheroidal Graphite	0.04	Dalian
<b>DALIAN HUATANG MACHINERY CO., LTD.</b>  Luantun, Shenlun Village, Paotai Town, Puwan New District, Dalian, Liaoning Province, Tel: +86 411 85250209 Fax: +86 411 85250996  Certificate no: MD00/4627/0001/5 Expiry Date: 01/11/2019	Grey Spheroidal Graphite	0.65 0.65	Dalian

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Name and Address	Grade	Max Weight Tonnes	Office
<b>DALIAN JINHE CASTING CO., LTD.</b>	Grey	40.00	Dalian
No.78, Zhuangxiu Rd., Zhuanghe, Dalian 116400 Tel No. +86 411 8972 0015 Fax No. +86 411 8987 6008 Mobile: 13478575240 email jinhe@jinhecasting.com web: www.jinhecasting.com	Spheroidal Graphite	25.00	
<i>Certificate No MD00/4072/0004/5 Expiry Date 28/08/2021</i>			
<b>Dafeng Jaguar Machinery LLC</b>	Spheroidal Graphite	0.50	Nantong
No. 029, Southward Renmin Rd of Nantuan Street, Xiaohai Town, Dafeng City, Jiangsu Province, Tel: +86 0515 8373868 Fax: +86 0515 83733858 email: jsdfgaoshuhai@sohu.com web: www.jaguarmacn.com			
<i>Certificate No: MD00/4493/0003/5 Expiry date: 22/06/2021</i>			
<b>FOWRY Tech. (Shandong) Co. Ltd</b>	Grey	1.10	Qingdao
North End of Gongye 2 Road, Sangluoshu Industry Zone, Huimin County, Binzhou City, Shandong Province Tel: +86-17096413911 Fax: +86-533-6077233	Spheroidal Graphite	1.10	
<i>E-mail: sutan@fowry.com &amp; sales@hiwa.cn</i>			
<i>Website: www.fowry.com</i>			
<i>Certificate No. MD00/4811/0001/5 Expiry Date: 30 October 2021</i>			
<b>FUSHUN DESIRUI MACHINERY CO., LTD.</b>	Grey	10.00	Dalian
No. 2 Shuang Yang Road, Shuncheng District Fushun City Liaoning Province Tel: +86 24 57642451 Fax: +86 24 57643930 Including Centrifugal Grey Casting up to 460kg. Certificate #: MD00/3517/0004/5 Expiry date: 23/08/2020	Spheroidal Graphite	10.00	
<b>HANCHENG LIUSHUN CASTING BASE</b>	Grey	10.00	Wuhan
CSIC No. 12 RESEARCH INSTITUTE Longmen Town Hancheng City Shaanxi Province Tel: +86 (0)29 38316003 Fax: +86 (0) 29 383 16267 Email: chwti@chinahontwork.com Certificate #: MD00/4408/0001/5 Expiry date: 01/12/2017	Spheroidal Graphite	10.00	
<b>HANGHOU CHUANGRUI MACHINERY CASTING Co. LTD</b>	Grey	0.75	Shanghai Port
Dongfeng Village, Daicun Town, Xiaoshan District, Hangzhou City, Zhejiang Province Tel: +86 571 8246 5688 / +86 135 8800 9925 Fax: +86 571 8223 6799 E-mail: HZLTX@163.com	Spheroidal Graphite	0.94	
<i>Certificate No. MD00/5434/0001/5 Expiry date: 14/12/2018</i>			
<b>HENAN DIESEL ENGINE INDUSTRY CO., LTD.</b>	Grey	3.86	Wuhan
No. 173 Zhongzhou Xi Road Luoyang Henan Province Post Code: 471039 Tel: 86 379 64076173 Fax: 86 379 64076206 Email qincj@hnd.com.cn. Web www.hnd.com.cn Certificate #: MD00/3473/0005/5 Expiry date: 04/08/2021	Spheroidal Graphite	12.00	
<b>HONGZE HUACHEN MACHINERY Co.,Ltd.</b>	Grey	0.50	Nanjing
No.16 Beiyi Street, Hongze County Industrial Park, Jiangsu Province, Tel: +86 517 809 25525 Fax: +86 517 80925529 Mob: +86 (0)13852391810 email: 2432814029@qq.com			
<i>Certificate #: MD00/3123/0005/5 Expiry date: 12/12/2019</i>			

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Name and Address	Grade	Max Weight Tonnes	Office
<b>IMPRO INDUSTRIES (YIXING) Co., Ltd</b>  No.6, Xuneng Road Yixing City Jiangsu Province Tel: +86 510 80760900 Fax: +86 510 80208888 Email to: wu_lidan@impro.com.cn  Certificate #: MD00/4390/0003/5 Expiry date: 06/10/2020	Grey	2.50	Jiangyin
	Spheroidal Graphite	6.00	
	Compacted Graphite	0.27	
<b>JIANGSU BRIGHT STEEL FINE MACHINERY Co., LTD</b>  Tianmu Lake Industry Zone, Li Yang, Jiangsu Province Tel: +56 519 80895588 Fax: +860519 80895544  E-mail: richardlee@nbys.com.cn  Website: www.ygget.com  Certificate No: MD00/4796/0001/5 Expiry date: 06/08/2021	Grey	21.00	Nanjing
	Spheroidal Graphite	31.40	
<b>JIANGSU FAW FOUNDRY CO., LTD.</b>  No. 99 Huicheng Road, Huishan Development Zone, Wuxi, Jiangsu Province Tel: +86 510 836 20192 / +86 151 90242606 Fax: +86 510 810 17375 email: bing_ren@faw.fc.com Certificate Number: MD00/3712/0005/5 Expiry date: 05/12/2021	Grey	24.00	Jiangyin
	Spheroidal Graphite	24.00	
<b>JIANGSU JINGLING FOUNDRY &amp; FORGE CO., LTD.</b>  No. 39 North Tongjiang Road Xinbei District Changzhou, 213033 Jiangsu Tel: +86 519 857 75011 Fax: +86 519 857 75220 Email: zhuweiwen@czjingling.cn Web http://www.czjingling.cn Certificate Number: MD00/3343/0007/5 Expiry date: 16/05/2019	Grey	30.00	Jiangyin
	Spheroidal Graphite	20.00	
<b>KOCEL MACHINERY LIMITED.</b>  No. 550, West Beijing Road Xixia District Yinchuan Ningxia Tel: +86 (0)951 202 4330 email: tony.wang@kocel.com web: www.kocel.com Certificate #: MD00/3212/0009/5 Expiry date: 31/12/2020	Grey	30.00	Wuhan
	Spheroidal Graphite	30.00	
<b>LIYANG XINLI MACHINERY CASTING CO., LTD.</b>  No. 102 Beishan West Road, Zhuze Town, LiYang, JiangSu,	Grey	1.00	Nanjing
	Spheroidal Graphite	1.00	
<b>NANTONG XINCHUANG NAVIGATION MACHINERY CO. LTD.</b>  No. 6 Yongxing Road, Gangzha Economical and Technical Development Zone, Nantong City, Jiangsu Province, Tel: +86 513 8351 8128 Fax: +86 513 8352 1081 Email: nthjsales@vip.163.com Web: http:// www.nnmc.com.cn Certificate Number: MD00/3778/0003/5 Expiry: 19/04/2019	Grey	1.10	Nantong
	Spheroidal Graphite	1.10	
<b>NINGBO TONGDA PRECISE CASTING CO., LTD</b>  Hehua Bridge, YunLong Town, Ningbo, tel: +86 0574 88344576 Fax: +86 0574 88474088 email: xuliang820023@vip.sina.com web: www.nbtcasting.com  Certificate No: MD00/4551/0002/5 Expiry date: 14/02/2022	Spheroidal Graphite	0.08	Shanghai Port

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Name and Address	Grade	Max Weight Tonnes	Office
<b>NINGJIN APC INDUSTRIES CO., LTD</b>  No. 8 Taishan Road Ningjin Shandong Province 253400 Tel: +86 534 5216788/7073799 Fax: +86 534 5216766 Email: zhangyanxia1973@163.com Web www.apc-valve.com Certificate#: MD00/3428/0003/5 Expiry date: 09/02/2017	Grey Spheroidal Graphite	0.50 0.50	Qingdao
<b>QINCHUAN MACHINE TOOL &amp; TOOL GROUP SHARE Co., Ltd</b>  No. 22 Jiangtan Road, Baoji City, Shaanxi Province, Tel: +84 (0)917 3957850 Fax: +84 (0)917 3392071 email: zls9353@163.com web: www.qinchuan.com  Cert No: MD00/4454/0001/5 Expiry Date: 26/03/2018  Approval does not include heat treatment.	Grey Spheroidal Graphite	35.00 35.00	Wuhan
<b>RIYUE HEAVY INDUSTRY CO. LTD</b>  Dongwu Town, Yinzhou District, Ningbo City, Zhejiang, PC 315113, Tel: +86-574-55007027 Fax: +86-574-55007027  Email: xsb_8@riyuehi.com  Website: ww.riyuehi.com  Certificate Number: MD00/4187/0002/5 Expiry: 23/06/2019	Grey Spheroidal Graphite	33.00 23.00	Shanghai Port
<b>SHAANXI DIESEL ENGINE HEAVY</b>  INDUSTRY Co., Ltd. Xing Ping Shaanxi 713105 Tel: +86 2938314499 Fax: +86 2938313596 Email: jingxiaochu@sxdinfo.com.cn Certificate #: MD00/3218/0005/5 Expiry date: 28/01/2021	Grey Spheroidal Graphite	25.00 25.00	Wuhan
<b>SHANDONG JINDING INDUSTRIAL STOCK CO., LTD</b>  5001#, Jinding Road, Zoucheng City, Shandong Province Tel: +86(0)537 6585957 Fax: +86(0)537 6585958 Email: wei.liu06@sd-jinding.cn Web: http://www.sd-jinding.com Certificate No.: MD00/4713/0001/5 Expiry Date: 10/08/2020	Grey Spheroidal Graphite	0.07 0.33	Qingdao
<b>SHANGHAI DONGJIA FOUNDRY</b>  Pudong Avenue 2311 Shanghai Tel No: +86 21 58511788 x 2845 Fax No: +86 21 388 20914  E-mail dj-casting@163.com  Certificate No. MD00/3693/004/5 Expiry date: 4/10/2021	Grey Spheroidal Graphite	2.55 2.55	Shanghai Port
<b>SHANGHAI SHENFA CASTING Co., Ltd.</b>  No.538 Huachang (S) Road, Chedun, Songjiang, Shanghai, Tel: +86 21 57772965 Fax: +86 02157772112 email: sfzz888@163.com web: www.hzydcb.com  Certificate No.: MD00/4218/0002/5 Expiry Date: 17/08/2019	Grey Spheroidal Graphite	11.00 11.00	Shanghai Port
<b>SHANGHAI TOBACCO MACHINERY XINCHANG FOUNDRY CO LTD</b>  No.7158,HUNAN ROAD, NANHUI DISTRICT, Tel No. 0086 21 61664699 Fax 0086 21 58179946 Email aimyh3@163.com Web site www.xinchangfoundry.com Cert No. MD00/3649/0004/5 Expiry date: 23/08/2018	Spheroidal Graphite	1.40	Shanghai Port

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

Name and Address	Grade	Max Weight Tonnes	Office
<b>SHENGYANG MACHINE TOOL XIFENG FOUNDRY CO., LTD.</b>  Songsu Village, Gaojiadian Town Xifeng County Liaoning Province Tel: +86 024 77131467 Fax: +86 024 7713 1467  Certificate #: MD00/4552/0001/5 Expiry date: 21/02/2019	Grey Spheroidal Graphite	20.00 20.00	Dalian
<b>SHENYANG MACHINE TOOL YINFENG FOUNDRY Co. LTD</b>  New Station District Liaozhong County, Shenyang. Tel: +86 024 27898107 Fax No. +86 024 27898107  E-mail:  Certificate No. MD00/4575/0001/5 Expiry Date: 11/05/2019	Grey Spheroidal Graphite	8.50 8.00	Dalian
<b>SICHUAN HAIGONG TECHNOLOGY CO., LTD.</b>  No. 6 ZhenXing Road, Yutang Town Longmatan District, Luzhou City Sichuan Province Tel: +86 830 2731816 Fax: +86 830 2701728 Email: schkx@163.com Certificate No: MD00/3911/0003/5 Expiry date: 21/05/2020	Grey Spheroidal Graphite	0.80 0.80	Wuhan
<b>SUZHOU CHUO MALLEABLE IRON Co. LTD</b> No. 28 Tianedang Road, Wangshan Industrial Park, Suzhou Wuzhong Economic Development Zone, Suzhou, Jiangsu. Tel: +86-512-66566683 Fax No. +86-512-66566800  E-mail: dym@chuokatan.cn  Website: www.chuokatan.cn  Certificate No. MD00/4572/0001/5 Expiry Date: 02/05/2019	Spheroidal Graphite	0.14	Shanghai Port
<b>TAIKO KIKAI (QINGDAO) Co., Ltd.</b>  Liuting Town, Chengyang district, Qingdao, Tel: +86 532 87711877 Fax: +86 532 87716455  E-mail: zry@qdaiko.com  Website: www.qdaiko.com  Certificate No. MD00/4015/0003/5 Expiry Date: 23/04/2021	Grey Spheroidal Graphite	0.50 0.50	Qingdao
<b>TIANJIN GALAXY VALVE CO., LTD.</b>  No. 15, Tianhua Road Balitai Industrial Area, Jinnan District Tianjin Tel:+86 22 28750815 Fax: +86 22 28750819 Email: ren@galaxyvalves.com web: www.galaxyvalves.com Certificate #: MD00/4579/0001/5 Expiry date: 18/05/2019	Grey Spheroidal Graphite	1.20 1.20	Qingdao
<b>TIANJIN TUOCHENG XINYUAN METAL PRODUCTS Co., LTD</b> East Beihu Village of Ecological Garden Xiaozhan Town, Jin'nan District. Tianjin. 300350 Tel: +86 022-88632888 Fax No: +86 18660298532  E-mail: tuocheng.china@163.com  Certificate No. MD00/4663/0001/5 Expiry Date: 22/02/2017	Spheroidal Graphite	0.80	Qingdao
<b>TOYOTA INDUSTRY (KUNSHAN) CO., LTD.</b> No. 408, Sanxiang Road TED Zone, Kunshan City, Jiangsu Tel: +86 0512 55219536 Fax: +86 0512 57374081 Email: lili-shen@tik.toyota-industries.com Web: www.toyota-industries.com Certificate No.: MD00/4753/0001/5 Expiry date: 08/04/2021	Grey	0.16	Shanghai Port



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

Name and Address	Grade	Max Weight Tonnes	Office
<b>WU JIANG QIAN'S MECHANICAL FOUNDRY CO., LTD.</b>  No. 329 Fushi Road Xinta Town Wujiang City Jiangsu Province 215213 Tel: +86 512 632 96352 fax: +86 0512 63294848 email: wjqschen@163.com www.qsjxzz.com Certificate No. MD00/4058/0003/5 Inspection Due: 30/07/2019	Grey Spheroidal Graphite	3.00 5.20	Shanghai Port
<b>WUHAN WUZHONG CASTING &amp; FORGING Co LTD</b>  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: wzzd027@126.com Website: www.whhdm.com  Certificate No: MDOC/4413/0001/5 Expiry Date: 01/01/2018	Grey Spheroidal Graphite	61.00 77.00	Wuhan
<b>WUXI FOUNDRY CO.LTD.</b>  Hongyun Road, JGD Zone, Hongshan town, New District Wuxi, Jiangsu 214115 Tel +86 510 82255526 Fax +86 510 82255526  Email wxzzzjk@163.com  Web www.qukin.cn  Certificate Number MD00/3715/0004/5 Expiry date 06/12/2021	Grey Spheroidal Graphite	8.70 4.70	Jiangyin
<b>WUXI ZHENGJIE MACHINERY TECHNOLOGY Co., LTD</b>  No. 20, Jingxin Road, Xibei Town, Xishan District, Wuxi City, Jiangsu Province. Tel: +86-15961 810185 Fax: +86-510-83780631  E-mail: aba@adzj.com  Website: www.wuxizj.cn  Certificate No: MD00/4834/0001/5 Expiry Date: 13.01.2022	Grey	0.96	Jiangyin
<b>XINXIANG MASSWAY PRECISION MACHINERY CO., LTD.</b>  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	Grey Spheroidal Graphite	0.20 0.20	Wuhan
<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 yzxcw1982@163.com web www.cylinder liner.com Certificate No. MD00/4298/0003/5 Expiry Date 05/03/2020  The approval covers the centrifugal casting of cylinder liners.	Grey	2.00	Nanjing
<b>YIBIN PUSH LINKO TECHNOLOGY CO. LTD.</b>  Yuejiang Town, Gaoxian County Yibin Sichuan Tel No 0086 0831 5863316 email yangfan940@126.com  Cert No. MD00/4048/0003/5 Expiry date: 03/07/2021	Grey Spheroidal Graphite	40.00 30.00	Wuhan

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

Name and Address	Grade	Max Weight Tonnes	Office
<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	Grey Spheroidal Graphite	41.70 30.00	Wuhan
<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	Grey Spheroidal Graphite	0.03 0.03	Dalian
<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  Certificate No: MD00/4617/0001/5 Expiry Date: 28/09/2019	Grey Spheroidal Graphite	0.18 0.18	Qingdao
<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	Grey Spheroidal Graphite	0.34 0.56	Guangzhou
<b>ZHEJIANG CHANGXING ADVANCE MACHINERY Co. Ltd</b> MACHINERY 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: MD00/4011/0003/5 Expiry: 20/04/2021	Grey	7.75	Shanghai Port
<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

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

Name and Address	Grade	Max Weight Tonnes	Office
<b>Croatia</b>			
<b>BRODOSPLIT LJEVAONICA d.o.o.</b>  Put Supavla 19 21000 Split Tel: +385 2139 2105 Fax: +385 2138 2323 Email: <a href="mailto:ante.piric@brodosplit.hr">mailto:ante.piric@brodosplit.hr</a> Web: <a href="http://www.brodosplit.hr">www.brodosplit.hr</a> 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: <a href="mailto:ljevaonica-d.resa@ka.t-com.hr">ljevaonica-d.resa@ka.t-com.hr</a> Web: <a href="http://www.ljevaonica-dresa.hr">www.ljevaonica-dresa.hr</a> 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: <a href="mailto:renato.martinjak@miv.hr">renato.martinjak@miv.hr</a> Web: <a href="http://www.miv.hr">http://www.miv.hr</a> Certificate #: MD00/1013/0008/5 Expiry date: 19/08/2020	Grey Spheroidal Graphite	7.60 7.60	Zagreb
<b>Czech Republic</b>			
<b>ARCELORMITTAL ENGINEERING PRODUCTS OSTRAVA s.r.o.</b>  Vratimovska 689 707 02 Ostrava Kuncice Tel No: +420595687238 Fax No: +420595687238 E-mail: <a href="mailto:daniel.dolezal@arcelormittal.com">daniel.dolezal@arcelormittal.com</a> Web: <a href="http://www.arcelormittal.com/ostrava">http://www.arcelormittal.com/ostrava</a> 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: <a href="mailto:daniel.dolezal@arcelormittal.com">daniel.dolezal@arcelormittal.com</a> Web: <a href="http://www.arcelormittal.com/ostrava">http://www.arcelormittal.com/ostrava</a> 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: <a href="mailto:jan.kovarovic@czas.cz">mailto:jan.kovarovic@czas.cz</a> Web: <a href="http://www.czas.cz">http://www.czas.cz</a> Certificate #: MD00/3224/0004/5 Expiry date: 26/03/2018	Grey Spheroidal Graphite	0.03 0.03	Prague
<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>	Grey Spheroidal Graphite	14.00 8.69	Prague

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

Name and Address	Grade	Max Weight Tonnes	Office
(The Kurim foundry Joint Stock Company) Blanenská, 157 66434 Kurim Tel no: +420 541 102 423 Fax no: +420 541 102 688 Email: marketing@slevarna-kurim.cz Web: http://www.slevarna-kurim.cz Certificate No: MD00/4198/0002/5 Expiry date 04/07/2019			
<b>UNEX a. s.</b> Brnicko 1032 783 93 UNICOV Tel: +420 585 853 120 Fax: +420 585 853 102 Email: karel.vytrisal@unex.cz Web: www.unex.cz Certificate #: MD00/2259/0005/5 Expiry date: 20/10/2019	Spheroidal Graphite	2.00	Prague
<b>VUHZ a. s.</b>  Dobra 240 ZIP 739 51 Tel: +420 558 601 232 Mod: +420 725 961 944 e-mail: rojkova@vuhz.cz website: www.vuhz.cz  Cert No: MD00/454/0002/5 Expiry Date: 18/01/2022	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: mailto:olecka@vitkovickeslevarny.cz Web: http://www.vitkovickeslevarny.cz 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: pso@danias.dk web: www.danias.dk  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: fredry.pedersen@sabro.com  Website: www.sabro.as  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
<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 Vejlen 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

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

Name and Address	Grade	Max Weight Tonnes	Office
<b>Finland</b>			
<b>COMPONENTA FINLAND LTD, HÖGFORS</b>	Grey Spheroidal Graphite	0.40 0.30	Helsinki/Helsingfors
<p>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</p>			
<b>LEINOVALU OY</b>	Grey Spheroidal Graphite	6.00 6.00	Helsinki/Helsingfors
<p>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</p>			
<b>PEIRON OY</b>	Spheroidal Graphite	5.00	Helsinki/Helsingfors
<p>Teollisuustie 4 FI-32810 PEIPOHJA Tel: + 358 50 317 4267 Fax: + 358 20 7509401 E-mail: markku.eljaala@peiron.com Web: www.peiron.com  Certificate #: MD00/1196/0008/5 Expiry date: 27/03/2021</p>			
<b>SUOMIVALIMO OY</b>	Spheroidal Graphite	1.10	Helsinki/Helsingfors
<p>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</p>			
<b>VALMET TECHNOLOGIES OY</b>	Grey Spheroidal Graphite	80.00 80.00	Helsinki/Helsingfors
<p>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</p>			
<b>France</b>			
<b>FOCAST CHATEAUBRIANT</b>	Grey Spheroidal Graphite Compacted Graphite	3.00 3.00 3.00	Nantes
<p>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: bugel@focast.fr *accepted for approved applications  Certificate #: MD00/0500/0009/5 Expiry date: 02/07/2020</p>			
<b>FONDERIE GHM s.a.s</b>	Grey Spheroidal Graphite	0.18 0.11	Lyon
<p>140 Rue Mauljean 52130 Wassy, Tel No: +33 (0) 3 25 96 96 16 Fax No: +33 (0) 3 25 56 73 77  E-mail: sebastien.leroy@fonderie-ghm.fr Website: www.ghm.fr  Certificate: MD00/3597/0003/5 Expiry date: 19/01/2021</p>			
<b>FONDERIE GIROUD INDUSTRIE</b>	Spheroidal Graphite	3.50	Lyon
<p>B.P. 39 - RN 90 38530 BARRAUX Tel. +33 476 97 12 42 Fax +33 476 97 12 51  E-mail: fabian.ferlat@giroudfonderie.com  Website: www.giroudfonderie.com  Certificate #: MD00/0604/0007/5 Expiry date: 22/05/2019</p>			

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

Name and Address	Grade	Max Weight Tonnes	Office
<b>FONDERIES DE SOUGLAND</b> Avenue de Sougland, 2 02830 Saint-Michel <i>Tel: +33 3 23993636 Fax: +33 3 23987406</i> <i>Email: fonderie.sougland@orange.fr Web: www.sougland.fr</i> <i>Certificate No.: MD00/4752/0001/5 Expiry date: 08/04/2021</i>	Spheroidal Graphite	0.08	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.rahli@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 56 74 82</i>  <i>E-mail: jeanclaude.gonon@fbm-fonderies.fr</i>  <i>Website: www.fbm-fonderies.fr</i>  <i>Certificate Number: MD00/0517/0009/5 Expiry: 27/02/2021</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 DES FONDERIES DE TREVERAY</b>  29, rue des Ponts 55130 TREVERAY <i>Tel No: +33 29 70 92 33 Fax No: +33 29 70 93 21</i>  <i>E-mail: mb.sft@orange.fr</i>  <i>Website: sft-hdi.fr</i>  <i>Certificate No: MD00/4777/0001/5 Expiry Date: 24/05/2021</i>	Grey Spheroidal Graphite	4.00 4.00	Lyon
<b>SOCIÉTÉ NOUVELLE</b>  FONDERIES ET ATELIERS SALIN Rue du Fourneau 55000 DAMMARIÉ-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
<b>Societe Industrielle des Fontes</b> Chemin Clastrois - BP295 02106 - Saint Quentin <i>Tel: +33 3 23 50 69 69 Fax: +33 3 23 08 87 41</i> <i>email commercial@sifontes.com web www.sifontes.com</i> <i>Certificate Number: MD00/4810/0001/5 Expiry date: 25/10/2021</i>	Spheroidal Graphite	0.26	Lyon

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

Name and Address	Grade	Max Weight Tonnes	Office
<b>Germany</b>			
<b>AB-GUSStech GmbH</b>	Grey Spheroidal Graphite	0.09 0.09	Hamburg
<p>Schweinheimer Str.34, 63743 Aschaffenburg Tel No. +49 6021 66 1280 Fax No +49 6021 99 1244 email cafer.filiz@linde-mh.de web www.linde-hydraulics.com Certificate No MD00/3831/0002/5 Expiry date: 18/09/2016</p>			
<b>ALLWEILER GmbH</b>	Grey Spheroidal Graphite	0.25 0.60	Hamburg
<p>Allweilerstrasse 1 D78315 Radolfzell Tel: +49 (0) 7732 86-531 Fax: +49 (0) 7732 86-556 Email: m.windl@allweiler.de Web: http://www.allweiler-giessereitechnik.com The scope of approval does not include for the heat treatment of iron castings. Certificate Number: MD00/3980/0003/5 Expiry date: 04/12/2020</p>			
<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

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

Name and Address	Grade	Max Weight Tonnes	Office
<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>			
<p><b>DUKTIL GUSS FÜRSTENWALDE GmbH</b></p> <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>	<p>Grey Spheroidal Graphite</p>	<p>0.20 0.20</p>	Hamburg
<p><b>EISENGIESSEREI KARLSHÜTTE GmbH</b></p> <p>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</p>	<p>Grey Spheroidal Graphite</p>	<p>0.06 0.06</p>	Hamburg
<p><b>EISENGIESSEREI O. GATTERMANN GmbH &amp; CO. KG</b></p> <p>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</p>	<p>Grey Spheroidal Graphite</p>	<p>0.80 0.80</p>	Hamburg
<p><b>EISENGIESSEREI TORGELOW GmbH</b></p> <p>Borkenstraße 15a 17358 Torgelow Tel: +49 3376439-377 Fax: +49 3676439-42  E-mail: weiss@eisengiesserei-torgelow.de  Website: www.eisengiesserei-torgelow.de  Certificate No. MD00/0601/0009/5 Expiry date: 13/07/2021</p>	<p>Grey Spheroidal Graphite</p>	<p>40.00 40.00</p>	Hamburg
<p><b>EISENWERK ERLA GMBH</b></p> <p>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: 20/01/2016</p>	<p>Grey Spheroidal Graphite</p>	<p>0.12 0.12</p>	Hamburg
<p><b>EISENWERK HASENCLEVER &amp; SOHN GmbH</b></p> <p>Auhammer 1 D-35088 Battenberg Tel: +49 (0) 6452 801 176 Fax: +49 (0) 6452 801 111  E-mail: mailto:r.tliouant@hasenclever.com  Website: www.hasenclever.com  Certificate Number: MD00/2874/0006/5 Expiry date: 04/04/2020</p>	<p>Grey Spheroidal Graphite</p>	<p>0.50 0.50</p>	Hamburg
<p><b>EISENWERK MARTINLAMITZ GmbH</b></p> <p>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</p>	Spheroidal Graphite	0.20	Hamburg
<p><b>EMG CASTING AG</b></p> <p>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</p>	<p>Grey Spheroidal Graphite</p>	<p>0.20 0.20</p>	Hamburg
<p><b>ENA Guss Albrbruck GmbH</b></p>	<p>Grey Spheroidal Graphite</p>	<p>3.50 2.00</p>	Hamburg



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

Name and Address	Grade	Max Weight Tonnes	Office
<p>Albbruck Alte Landstrasse 7 D-79774 Albbruck <i>Postal address; ENA Guss GmbH, Alte Landstrabe 7, 79774, Albbruck</i> <i>Tel: +49 (0) 7753 920377 Fax: +49 (0) 7753 920337 Email: mailto: stricksner@ena-guss.de Web: http://www.ena-guss.de</i> <i>Certificate No. MD00/3117/0005/5 Expiry date: 12/05/2017</i></p>			
<p><b>ESTERER GIESSEREI WERK WURZEN GmbH</b>  Dresdener Straße 40 D-04808 Wurzen <i>Tel: +49 3425 895388 Fax: +49 3425 895386</i> <i>Email: heubach@esterer-giesserei.de</i> <i>Web: www.esterer-giesserei.de</i> <i>Certificate No. MD00/3129/0005/5 Expiry date: 13/01/2020</i></p>	<p>Grey Spheroidal Graphite</p>	<p>2.00 2.00</p>	Hamburg
<p><b>Eickhoff Gießerei GmbH</b> Am Eickhoffpark 1, D-44789 Bochum <i>Tel +49 234 975 2766 Fax: +49 234 975 2411</i>  <i>Email: h.mueller@eickhoff-bochum.de</i>  <i>Website: ww.eickhoff-bochum.de</i>  <i>Certificate No. MD00/0439/0013/5 Expiry date: 20/02/2020</i></p>	Spheroidal Graphite	5.00	Hamburg
<p><b>F.A. SCHNEIDER GmbH</b> Eisen- und Metallgießerei, Ausschnippe 51-55, 37170 Uslar <i>Tel: +49 5571 6035 Fax: +49 5571 5830</i> <i>email: info@schneiderguss.de web: www.schneiderguss.de</i>  <i>Certificate No: MD00/4501/0002/5 Expiry Date: 18/07/2021</i></p>	Spheroidal Graphite	0.25	Hamburg
<p><b>FOCAST LÜNEBURG GmbH</b>  Gebrüder-Heyn-Str. 1 21337 Lüneburg <i>Tel: +49 4131 8917 19 Fax: +49 4131 8917 22</i>  <i>E-mail: jsorge@lew-gmbh.de web: www.lueburger-eisenwerk.de</i>  <i>Certificate No. MD00/0954/0008/5 Expiry date: 12/01/2020</i></p>	<p>Grey Spheroidal Graphite</p>	<p>10.00 5.00</p>	Hamburg
<p><b>FRIEDRICH ISCHEBECK GmbH</b> Loher Str.31-79, 58256 Ennepetal <i>Tel No:+49 (0) 2333 8305 0 Fax No: +49 (0) 2333 8305 33</i> <i>Email: giesserei@ischebeck.de</i> <i>Web: www.ischebeck.de</i> <i>Certificate No: MD00/3916/0003/5 Expiry date: 26/05/2020</i></p>	Grey	0.04	Hamburg
<p><b>FRIEDRICH KÖSTER GMBH &amp; CO. KG</b>  Maschinenfabrik und Gießerei Friedrichswerk 1-7 D-25746 Heide <i>Tel: +49 481 979 0 Fax: +49 481 979 0</i> <i>Email: e.kroeger@koester-heide.de Web: http://www.koester-heide.de</i> <i>Certificate No. MD00/3242/0005/5 Expiry date: 30/06/2015</i></p>	<p>Grey Spheroidal Graphite</p>	<p>2.10 1.75</p>	Kiel
<p><b>FRIEDRICH WILHELMS-HÜTTE EISENGUSS GmbH</b>  Bereich Eisenguss Friedrich-Ebert-Straße 125 D-45473 Mülheim an der Ruhr <i>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</i> <i>Certificate Number: MD00/3267/0005/5 Expiry: 26/07/2021</i></p>	<p>Grey Spheroidal Graphite</p>	<p>160.00 160.00</p>	Hamburg
<p><b>FRITZ WINTER EISENGIESSEREI GMBH &amp; CO. KG</b>  Albert-Schweitzer-Strasse 15 D-35260 Stadallendorf <i>Tel: +49 (0)6428 78 6150 Fax: +49 (0)6428 77 6150</i> <i>Email mailto: quality@fritzwinter.de</i> <i>Web http://www.fritzwinter.de</i> <i>Certificate No. MD00/2263/0007/5 Expiry date: 23/10/2019</i></p>	<p>Grey Spheroidal Graphite Compacted Graphite</p>	<p>1.20 1.20 1.20</p>	Hamburg

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

Name and Address	Grade	Max Weight Tonnes	Office
<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>GBORG FISCHER GmbH</b> Georg-Fischer-Straße 2 04249 Leipzig Tel: +49 341 48230 Fax: +49 341 4823105  E-mail: info.le.au@georgefischer.com  Website: www.afau.com  Certificate No: MD00/4850/0001/5 Expiry: 31 April 2022	Spheroidal Graphite	0.77	Rostock
<b>GIENANTH GMBH</b>  Ramsener Straße 1 67304 Eisenberg Tel: +49 (0)6351 408-137  E-mail: Frank.sprenger@gienanth.com  Website: www.gienanth.com  Certificate No. MD00/0588/0010/5 Expiry date: 21/11/2021	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. MD00/2186/0008/5 Expiry date: 27/01/2022	Grey Spheroidal Graphite	2.50 2.50	Hamburg
<b>GIESSEREI SCHMIDT GmbH &amp; CO.</b>  Neue Industriestrasse 4 27472 Cuxhaven Tel: +49 (0)4721 39390  E-mail: info@giesserei-schmidt.de  Certificate No. MD00/0600/0008/5 Expiry date: 08/03/2020	Grey Spheroidal Graphite	0.50 0.50	Bremerhaven
<b>GIÈEREI HEUNISCH GmbH BAD WINDSHEIM</b>  Hofmanstrasse 25a D-91438 Bad Windsheim Tel: +49 9841 4083312 Fax: +49 9841 40839311  E-mail: Marco.Herrmannr@heunisch-guss.com  Website: ww.heunisch-guss.com  Certificate No. MD00/2067/0008/5 Expiry date: 07/03/2021	Grey Spheroidal Graphite	0.70 0.70	Hamburg
<b>GIÈEREI RADEBERG GmbH</b> Heinrich-Gläser-Str. 1 D-01454 Radeberg Tel: +49 (0)3528 43 67 15 Fax: +49 (0)3528 44 23 18 Email: mailto:koch@giesserei-radeberg.de Web: http://www.giesserei-radeberg.de Certificate No. MD00/2888/0006/5 Expiry date: 15/05/2020	Spheroidal Graphite	0.80	Hamburg
<b>GONTERMANN-PEIPERS GMBH</b>  Marienborner Straße 49 D-57074 Siegen Tel: +49 (0)271 60 606 Fax: +49 (0)271 60 5359 email agaedkte@gontermann-peipers.de web www.gontermann-peipers.de  Manufacturer of semi - finished bar stock Including alloyed grey cast irons. Weight approved according to the casting process  Up to 30 T hand mould and chill cast Up to 10 T Centrifugal and continuous cast  Certificate No. MD00/3376/0004/5 Expiry date: 16/09/2019	Grey Spheroidal Graphite	30.00 30.00	Hamburg

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

Name and Address	Grade	Max Weight Tonnes	Office
<b>GSP - Giesserei Stassfurt GmbH</b>  Atzendorfer Str. 19 39418 Staßfurt Tel: +49 (0) 39 25985  Certificate No. MD00/2881/0003/5 Expiry date: 08/02/2022	Grey Spheroidal Graphite	20.00 20.00	Hamburg
<b>HARZ GUSS ZORGE GMBH</b>  HGZ GIESSEREI GMBH CO. KG Walkenrieder Straße 32 D-37445 Zorge Tel +49 5586 802 118 Fax +49 5586 802 213 Email: carsten.hinz@harzguss.de web www.harzguss.de  Certificate No. MD00/2733/0007/5 Expiry date: 21/09/2021	Grey Spheroidal Graphite	0.13 0.13	Hamburg
<b>HARZER WERKE MOTORENTECHNIK GmbH</b>  Michaelsteiner Straße 29 D-38889 Blankenburg Tel. +49 (0) 3944 9200 Fax +49 (0) 3944 920 203 Email vertrieb@herzerwerke.de Web page http://www.harzerwerke.de Certificate No. MD00/0656/0007/5 Expiry date: 21/03/2020	Grey	1.00	Hamburg
<b>HEGERGUSS GmbH</b>  Donnersbergstr. 48 67677 Enkenbach-Alsenborn Tel +49 (0)6303 803 121 Fax: +49 (0)6303 803 222 Email: benjamin.wilden@heger-guss.de Web: www.heger-gruppe.com Certificate No. MD00/3271/0005/5 Expiry date: 03/09/2021	Grey Spheroidal Graphite	20.00 20.00	Hamburg
<b>HEIDENREICH &amp; HARBECK GmbH</b>  Grambeker Weg 25/29 23879 Mölln Tel: +49 (0)4542 824-0 Fax: +49 (0)4542 824-139 Email: gg@hh-moelln.de Web: http://www.hh-moelln.de Certificate No. MD00/0499/0008/5 Expiry date: 04/10/2021	Grey Spheroidal Graphite	8.00 6.00	Hamburg
<b>HERMANN RECKERS GmbH &amp; Co.KG</b>  Eisengießerei Dille 9 D-48432 Rheine-Mesum Tel: +49 (0) 5975 928 066 Fax: +49 (0) 5975 928 030 email: j.strotmeier@reckers-online.de web: www.reckers-online.de Certificate Number: MD00/1235/0008/5 Expiry: 30/12/2020	Grey Spheroidal Graphite	0.10 0.10	Hamburg
<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. MD00/2323/0007/5 Expiry date: 04/05/2020	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

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

Name and Address	Grade	Max Weight Tonnes	Office
<b>KEMPTENER EISENGIEßEREI ADAM HÖNIG AG</b>	Grey Spheroidal Graphite	8.00 8.00	Hamburg
<p>Adam Höning Str.1 D-87435 Kempten Tel: +49 (0)831 58110-92 Fax: +49 (0)831 83014 email info@kemptener-eisengießerei.de web: www.ke-ag.de Certificate No. MD00/2991/0006/5 Expiry date: 12/07/2021</p>			
<b>KSB SE &amp; Co. KGaA</b>	Grey Spheroidal Graphite	5.00 5.00	Hamburg
<p>Giesserei Pegnitz Bahnhofplatz 1 D-91257 Pegnitz Tel: +49 (0)9241 71 1713 email: norbert.kieslinger@ksb.com web: www.ksb.com Certificate No. MD00/0854/0008/5 Expiry date: 04/02/2021</p>			
<b>KURTZ EISENGUSS GmbH &amp; Co KG</b>	Grey Spheroidal Graphite	1.50 1.50	Hamburg
<p>Eisenhammer D 97907 Hasloch Tel: +49 (0)9342 805 116 Fax +49 (0)9342 807 404 email andre.schiche@kurtzrsa.de web www.kurtzrsa.de Certificate No. MD00/3328/0004/5 Expiry date: 25/03/2019</p>			
<b>Luitpoldhütte GmbH</b>	Grey Spheroidal Graphite Compacted Graphite	1.00 1.00 1.00	Hamburg
<p>Sulzbacher Str. 121 92224 Amberg Tel: +49 (0)9621/640 337 Fax: +49 (0)9621/640 478 Email: christian.sperl@luitpoldhutte.de Certificate No. MD00/2047/0009/5 Expiry date: 02/01/2021</p>			
<b>M. JÜRGENSEN GmbH &amp; CO. KG</b>	Grey Spheroidal Graphite	5.00 5.00	Kiel
<p>Markschell 3 D-24966 Sörup-Möllmark Tel: +49 4635 299 0 Fax: +49 4635 299 100  E-mail: mailto:info@m-juergensen.de  Website: www.m-juergensen.de  Certificate No. MD00/0807/0011/5 Expiry date: 28/01/2021</p>			
<b>MAN DIESEL &amp; TURBO SE</b>	Grey Spheroidal Graphite	120.00 120.00	Hamburg
<p>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</p>			
<b>MAN TRUCK &amp; BUS AG</b>	Grey Spheroidal Graphite Compacted Graphite	0.07 0.07 0.04	Hamburg
<p>Geschäftseinheit Motoren, Gießerei MWFG Vogelweiherstr. 33 D-90441 Nürnberg Tel: +49 911 420 1451 email: markus.persch@man.eu www.man-engines.com Certificate No. MD00/2404/0007/5 Expiry date: 05/07/2020</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: Schaffaff@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. MD00/1801/0008/5 Expiry date: 22/05/2021</p>			

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

Name and Address	Grade	Max Weight Tonnes	Office
<b>PLEISSNER GUSS GmbH</b> Duderstädter Straße 17 D-37412 Herzberg <i>el +49 5521 83204 Fax +49 5521 83203 Mobile: +49 173 7393290</i> <i>Email: vertrieb@pleissner-guss.de Web: http://www.pleissner-guss.de</i> <i>Certificate No. MD00/1203/0002/5 Expiry date: 24/11/2019</i>	Austenitic*	5.00	Hamburg
<b>PLEISSNER GmbH</b> Gerberstr. 27 D-31008 Elze <i>Tel: +49 (0)5068 463 62 Fax: +49 (0)5068 463 65</i> <i>Email: certrieb@pleissner.de Web: http://www.pleissner.de</i> <i>Certificate No. MD00/1204/0007/5 Expiry date: 28/07/2017</i>	Grey Spheroidal Graphite	7.00 7.00	Hamburg
<b>PROCAST GUSS GmbH</b> Nortorfer Gusswerk Gießereiweg 17 D-24589 Nortorf <i>Heat treatment is sub contracted.</i>  <i>Tel: +49 4392 9129 31 Fax: +49 4392 9129 25 Email: mailto:h.hasse@classguss.de Web: http://www.classguss.de</i> <i>Certificate No. MD00/3241/0006/5 Expiry date: 29/06/2021</i>	Spheroidal Graphite	0.40	Kiel
<b>PROCAST GUSS GmbH</b> Christophoruschütte Brockhäger Straße 217 D-3330 Gütersloh <i>Tel: +49 (0) 5241 938 249 Fax: +49 (0) 5241 938 289</i> <i>Email: a.poppenborg@procast-guss.de</i> <i>Web: http://www.procast-guss.de</i> <i>Certificate No. MD00/4693/0001/5 Expiry date: 29/04/2020</i>	Grey Spheroidal Graphite	0.40 0.40	Dortmund
<b>REINHARD TWEER GmbH</b> Krackser Straße 191 D-33689 Bielefeld-Sennestadt <i>Tel +49 (0) 5205 750163 Fax: +49 (0) 5205 750179 Email: mailto:rts@tweer.de Web: http://www.tweer.de</i> <i>Certificate No. MD00/1573/0007/5 Expiry date: 08/01/2020</i>	Spheroidal Graphite	4.50	Hamburg
<b>SACHSEN GUSS GmbH</b> Obere Hauptstraße 228-230 D-09228 Chemnitz/Wittgensdorf <i>Tel: +49 3722 64 3321 Fax: +49 3722 94 138 Email: mike.apitzsch@siemens.com</i> <i>Web: http://www.flender-guss.de</i> <i>Certificate No. MD00/0498/0008/5 Expiry date: 25/03/2019</i>	Grey Spheroidal Graphite	30.00 30.00	Hamburg
<b>SCHONLAU-WERKE</b> Maschinenfabrik und Eisengießerei GmbH & Co. KG Ernst-von-Bayern-Straße 22 D-59590 Geseke <i>Tel +49 2942 507466 Fax +49 2942 50511 Email: mailto:essrs@schonlau-werke.de</i> <i>Web: http://www.schonlau-werke.de</i> <i>Including S.G. iron crankshafts</i> <i>Certificate #: MD00/1325/0007/5 Expiry date: 02/05/2020</i>	Grey Spheroidal Graphite	4.00 4.00	Hamburg
<b>SHW CASTING TECHNOLOGIES GmbH &amp; Co. KG</b> Werk Wasseralfingen Stiewingstraße 101 D073433 Arlen <i>Tel: +49 7361-3702-396 Fax: +49 7361-3702-487</i>  <i>Website: www.shw-ct.de</i>  <i>Including S.G. iron crankshafts</i>  <i>Certificate #: MD00/1328/0010/5 Expiry date: 18/02/2020</i>	Grey Spheroidal Graphite	85.00 85.00	Hamburg
<b>SHW CASTING TECHNOLOGIES GmbH &amp; Co. KG</b>	Grey Spheroidal Graphite	120.00 120.00	Hamburg

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

Name and Address	Grade	Max Weight Tonnes	Office
<p>Werk Königsbronn Heidenheimer Str. 1 89551 Königsbronn Tel No: +49 7328 83152 Fax no:+49 7328 83418</p> <p>E-mail: <a href="mailto:hd.zimmermann@shw-ct.de">hd.zimmermann@shw-ct.de</a></p> <p>Web: <a href="http://www.shw-ct.de">www.shw-ct.de</a></p> <p>Certificate No MD00/3966/0003/5 Expiry date 20/12/2020</p>			
<p><b>SIEMPELKAMP GIESSEREI GmbH</b></p> <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> Certificate #: MD00/1377/0007/5 Expiry date: 31/10/2019</p>	<p>Grey Spheroidal Graphite</p>	<p>250.00 250.00</p>	<p>Hamburg</p>
<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:jfriede@silbitz-guss.de">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>	<p>Grey Spheroidal Graphite Compacted Graphite</p>	<p>1.50 10.00 3.50</p>	<p>Hamburg</p>
<p><b>SLR Elsterheide GmbH</b></p> <p>An der Siebanlage 02979 Elsterheide Tel: +49 3564 38687-0 Fax: +49 3564 38687-421 Email: <a href="mailto:info.els@slr.de">info.els@slr.de</a> Web: <a href="http://www.slr-gruppe.de">www.slr-gruppe.de</a> Certificate No.: MD00/4779/0001/5 Expiry date: 31/05/2018</p>	<p>Grey Spheroidal Graphite</p>	<p>1.30 1.30</p>	<p>Hamburg</p>
<p><b>SLR GIESSEREI St. LEON-ROT GmbH</b></p> <p>Am Bahnhof 16 68789 St. Leon-Rot Tel +49 6227 527-160 Email: <a href="mailto:f.schuppener@slr.de">f.schuppener@slr.de</a> web: <a href="http://www.slr-gruppe.de">http://www.slr-gruppe.de</a> Certificate #: MD00/1266/0008/5 Expiry date: 14/03/2021</p>	<p>Spheroidal Graphite</p>	<p>0.60</p>	<p>Hamburg</p>
<p><b>SPEZIALGUSS WETZLAR GmbH</b></p> <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>	<p>Spheroidal Graphite</p>	<p>65.00</p>	<p>Hamburg</p>
<p><b>Schmiedeberger Gießerei GmbH</b></p> <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: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>	<p>Grey Spheroidal Graphite Malleable*</p>	<p>0.11 0.11 0.03</p>	<p>Hamburg</p>
<p><b>TECHNOGUSS GmbH</b></p> <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>	<p>Grey Spheroidal Graphite</p>	<p>8.00 8.00</p>	<p>Hamburg</p>
<p><b>TEUTOGUSS GmbH</b></p> <p>Friedrich-Wilhelm Straße 39 D-48477 Hörstel-Gravenhorst Tel +49 (0)5459/9304-48 Fax +49 (0)5459/ 9304-45</p> <p>E-mail: <a href="mailto:m.albers@teutoguss.de">m.albers@teutoguss.de</a></p> <p>Website: <a href="http://www.teutoguss.de">www.teutoguss.de</a></p> <p>Certificate No. MD00/1078/0007/5 Expiry date: 10/05/2017</p>	<p>Grey Spheroidal Graphite</p>	<p>10.00 2.70</p>	<p>Hamburg</p>
<p><b>TROMPETTER GUSS GmbH &amp; Co KG</b></p>	<p>Grey Spheroidal Graphite</p>	<p>0.25 0.25</p>	<p>Hamburg</p>

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

Name and Address	Grade	Max Weight Tonnes	Office
<p>St. Georgen- Strasse 14 D-95463 Bindlach Tel: +49 9208 689-30 Fax: +49 9208 689-11</p> <p>E-mail: <a href="mailto:grupp@trompetter-guss.de">grupp@trompetter-guss.de</a></p> <p>Website: <a href="http://www.trompetter-guss.de">www.trompetter-guss.de</a></p> <p>Certificate Number: MD00/2104/0008/5 Expiry: 16/05/2021</p>			
<p><b>WALZENGIESSEREI COSWIG GmbH</b></p> <p>Grenzstraße 1 D-01640 Coswig Tel: +49 (0) 3523 95 256 Fax: +49 (0) 3523 95 205 email: <a href="mailto:haraldfroehilich@walze-coswig.de">haraldfroehilich@walze-coswig.de</a> web: <a href="http://www.walze-coswig.de">www.walze-coswig.de</a> Certificate Number: MD00/1968/0009/5 Expiry date: 24/02/2021</p>	<p>Grey Spheroidal Graphite</p>	<p>15.00 15.00</p>	<p>Hamburg</p>

**India**

<p><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:mr@akpferrocast.com">mr@akpferrocast.com</a> web: <a href="http://www.akpferrocast.com">www.akpferrocast.com</a></p> <p>Certificate No.: MD00/3963/0003/5 Expiry Date: 11/12/2020</p>	Spheroidal Graphite	0.10	Mumbai
<p><b>BASHKO ENGINEERING PVT LTD</b> E-19 MIDC Kupwad Area, Sangli - 416 436 Maharashtra Tel No: +91 233 264 4781 Fax: +91 233 264 5181</p> <p>E-mail: <a href="mailto:accounts@bashkoindia.com">accounts@bashkoindia.com</a>; <a href="mailto:san_bashko@bsnl.in">san_bashko@bsnl.in</a>; <a href="mailto:coordinator@bashkoindia.com">coordinator@bashkoindia.com</a>; <a href="mailto:marketing@bashkoindia.com">marketing@bashkoindia.com</a></p> <p>Website: <a href="http://www.bashkoindia.com">www.bashkoindia.com</a></p> <p>Certificate No: MD00/4776/0001/5 Expiry Date: 24.05.2021</p>	<p>Grey Spheroidal Graphite</p>	<p>0.20 0.20</p>	<p>Mumbai</p>
<p><b>BRIGHT FOUNDRIES COIMBATORE PVT., LTD.</b> S/F No. 281/ 1 &amp; 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</p>	Spheroidal Graphite	0.52	Chennai
<p><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></p> <p>Certificate No. MD00/4365/0003/5 Expiry date: 22/07/2020</p>	<p>Grey Spheroidal Graphite</p>	<p>2.10 0.50</p>	<p>Mumbai</p>
<p><b>HIMGIRI CASTING PVT LTD</b> Plot No.213, Chandrapura Village, Behind General Motors, Tal. Halol, Dist. Panchmahal, Gujarat - 389350 Tel: +91 9422442457 Fax: +91 9422442457 Email: <a href="mailto:anil.agarwal@himcast.in">anil.agarwal@himcast.in</a> Web: Certificate No.: MD00/4792/0001/5 Expiry Date: 31/05/2021</p>	<p>Grey Spheroidal Graphite</p>	<p>0.04 0.14</p>	<p>Mumbai</p>
<p><b>KUSALAVA INTERNATIONAL LIMITED</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: MD00/4049/0003/5 Expiry: 06/07/2021</p>	Grey	0.06	Chennai

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

Name and Address	Grade	Max Weight Tonnes	Office
<b>LAKSHMI MACHINE WORKS LIMITED</b>  Foundry Unit 2, Arasur, Coimbatore 641 407 Tel. :0422 3021300 and Fax: 0422 3021331 email: shenbagarajan.n@lmw.co.in web: lakshmimach.com 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 98 2027 2802, email: jagannath.mahajan@neosym.com web: www.neosym.com  Certificate No: MD00/4529/0002/5 Expiry date: 24/11/2021	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: sclura@simplexcastings.com  Certificate No. MD00/4303/0002/5 Expiry Date: 01/04/2020	Spheroidal Graphite	8.00	Mumbai
<b>VULKAN Technologies Pvt. Limited</b>  GAT No. 539B Village Kasar Amboli Pirangut Industrial Area, Tal-Mulashi Dist. Pune 412115, Maharashtra Approval includes as cast SG Iron crankshaft castings with the maximum weight of 200kg.  Tel: +91 20 6676 5530 Fax: +91 20 6676 5551 email prashant.patel@vulkanindia.com web: www.vulkanindia.com Certificate Number: MD00/3051/0003/5 Expiry: 18/01/2022	Spheroidal Graphite Austenitic*	0.20 0.08	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@fondieribocccacci.it Web: www.fondieribocccacci.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@fondiericarroccio.191it Web: http://www.fondiericarroccio.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@fondiericolombo.com web: fondiericolombo.com  Cert No: MD00/4400/0002/5 Expiry Date: 24/09/2019	Grey Spheroidal Graphite	12.00 12.00	Milan
<b>FONDERIA VIGEVANESE S.P.A.</b>  Strada Marziana 16, 27020 Parona (PV) Tel: +39 (0)3842 53130 email: info@vigevanese.it web: www.fondierivigevanese.it/  Certificate No: MD00/4853/0001/5 Expiry Date: 01/04/2022	Grey Spheroidal Graphite	5.00 5.00	Milan



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

Name and Address	Grade	Max Weight Tonnes	Office
<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  E-mail: <a href="mailto:mailto:pcasella@morafonderie.it">mailto:pcasella@morafonderie.it</a>  Website: <a href="http://www.camozzi-manufacturing.it">www.camozzi-manufacturing.it</a>  Certificate No. MD00/0505/0008/5 Expiry date: 21/02/2021	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  E-mail: <a href="mailto:uteco@fonderialonato.com">uteco@fonderialonato.com</a>  Website: <a href="http://www.fonderialonato.com">www.fonderialonato.com</a>  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>PAROLA E LURAGHI SpA</b>  Via Dante 89/91 20013 Magenta - (MI) Tel: +39 02 9791465/6/7/8 Fax. No. +39 02 97299768  E-mail: <a href="mailto:parolaeluraghi@parolaelurghi.it">parolaeluraghi@parolaelurghi.it</a>  Website: <a href="http://parolaeluraghi.it">parolaeluraghi.it</a>  Certificate No: MD00/4837/0001/5 Expiry Date: 03/02/2022	Spheroidal Graphite	0.06	Trieste
<b>PILENGA BALDASSARRE FOUNDRY s.r.l.</b>  Via Provinciale, 29 24040 Lallio (Bergamo) Tel: +39 035 062345 Fax: +39 035 062399  E-mail: <a href="mailto:c.maggioni@pbfoundry.it">c.maggioni@pbfoundry.it</a>  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 tel: +39 0541 700531 Fax: +39 0541700289  E-mail: <a href="mailto:ordinifonderie@scmgroup.com">ordinifonderie@scmgroup.com</a>  Website: <a href="http://scmfonderie.com">scmfonderie.com</a>  Certificate No. MD00/4095/0002/5 Expiry date: 24/11/2018	Spheroidal Graphite	1.50	Ravenna
<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

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

Name and Address	Grade	Max Weight Tonnes	Office
<b>ZANARDI FONDERIE S.P.A.</b> Via Nazionale 3 37046 Minerbe (VR) Tel: +39 0442 647398 Fax: +39 0442 640589 email: sales@zanardifonderie.com  <i>Approval includes austempered ductile iron grades to recognised national standards for project applications that have been specifically approved by L/R plan appraisal.</i>  Certificate No: MD00/4814/0001/5 Expiry Date: 12/11/2021	Spheroidal Graphite	0.10	Trieste

## 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 tt_ooishi@akasaka.co.jp web www.akasaka-diesel.jp  Certificate No. MD00/3527/0005/5 Expiry date: 04/08/2020	Grey Spheroidal Graphite	36.70 4.40	Yokohama
<b>ASAGOE INDUSTRY CO., LTD.</b> 120-28, Takatsu, Mitsu-cho Mitsu-cho Okayama-shi, Okayama Pref. Tel: +81 (0)867-24-0141 Fax: +81 (0)867 24 0171 email:tec@asagoe-net.co.jp web: www.asagoe-net.co.jp  Certificate No. MD00/2130/0008/5 Expiry date: 20/08/2021	Spheroidal Graphite	0.15	Kobe
<b>DAIHATSU METAL Co., Ltd.</b>  Izumo Factory, No. 2400 Zinzaiki-machi Izumo-city Shimane-pref Tel: +81 853 43 2324 Fax: +81 853 43 9005 email: hiroschi-kotsugi@d-metal.co.jp Certificate No. MD00/0378/0008/5 Expiry date: 22/03/2021	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:mailto:s-hinsyou@daiwajuko.co.jp Web: http://www.daiwajuko.co.jp  Certificate No. MD00/4140//0003/5 Expiry:07/12/2021	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: shigeru.yoshizumi@f-seiko.co.jp web: http://www.f-seiko.co.jp  Certificate No. MD00/2598/0007/5 Expiry date: 26/08/2020	Spheroidal Graphite	0.50	Yokohama
<b>HAPPY PRODUCT INC.</b> 1213-1, 2 Chome Tachiyagawa Yamagata-shi Yamagata-ken 990-2251 Tel +81 236 86 4139 Fax +81 236 86 4424  E-mail: h-maruko@harachu.co.jp  Website: www.harachu.co.jp  Certificate No. MD00/2126/0008/5 Expiry date: 06/06/2021	Spheroidal Graphite	0.50	Yokohama
<b>HATTORI INDUSTRY CO., LTD.</b>	Grey Spheroidal Graphite	1.00 1.00	Nagasaki

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

Name and Address	Grade	Max Weight Tonnes	Office
<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><b>HOKUEI TEKKO CO., LTD.</b> 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>	Grey	0.60	Yokohama
<p><b>HOYO CO., LTD.</b> 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. MD00/1578/0008/5 Expiry date: 19/08/2021</p>	Grey Spheroidal Graphite	6.00 3.00	Nagasaki
<p><b>IHI CORPORATION</b> Aioi Casting Workshop 5292, Aioi-shi Hyogo 678-0041 Tel: +81 791 24 2702 Fax: +81 791 24 2692</p> <p>Certificate No. MD00/3031/0007/5 Expiry date: 15/01/2021</p>	Grey Spheroidal Graphite	30.00 1.50	Kobe
<p><b>KAWAGUCHI METAL INDUSTRIES CO., LTD.</b> 18-19, Miya-cho Kawaguchi-shi Saitama Pref. 332-8502 Tel +81 (0)48 259 1112 Fax +81 (0)48 255 1125 email: a-murata@kawakinkk.co.jp Certificate No. MD00/0831/0008/5 Expiry date: 18/06/2021</p>	Spheroidal Graphite	0.40	Yokohama
<p><b>KAWAGUCHI NAINENKI CASTINGS CO., LTD.</b> 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>	Grey Compacted Graphite	2.50 1.17	Yokohama
<p><b>KIMURA FOUNDRY CO., LTD.</b> Gunma Factory 2092-5 Obara-cho Ota-shi Gunma-ken 379-2304 Tel: +81 277 786178 Fax: +81 277 786299 Email: sugie@kimuragrp.co.jp Web: http://kimuragrp.co.jp Certificate Number: MD00/3876/0003/5 Expiry date: 10/01/2020</p>	Grey	7.00	Yokohama
<p><b>KIMURA Foundry CO., LTD.</b> Head Office &amp; Factory 1157 Nagasawa Shimizu-cho, Sunto-gun Shizuoka-pref. 411-0905 Tel: +81 55 975 7052 Fax: +81 55 979 9917 Email: y.kobayashi@kimuragrp.co.jp Web: http://www.kimuragrp.co.jp Certificate No. MD00/2870/0007/5 Expiry date: 30/03/2020</p>	Grey	5.00	Yokohama

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

Name and Address	Grade	Max Weight Tonnes	Office
<b>KIMURA Foundry CO., LTD.</b>  Omaezaki Factory 1 Kadoya Omaezaki City, Shizuoka-pref. 437-1615 <i>Tel: +81 55 975 7052 Fax: +81 55 975 9917</i> <i>Email: y-kobayashi@kimuragrp.com.jp</i> <i>Web: http://www.kimuragrp.co.jp</i> <i>Certificate No. MD00/2871/0008/5 Expiry date: 30/03/2020</i>	Grey Spheroidal Graphite	35.00 35.00	Yokohama
<b>KYOWA FOUNDRY CO., LTD.</b>  86,Kinzoku-Danchi, Kakamigahara-city, Gifu, 504-0957 <i>Tel No: +81 583 82 2195 Fax No: + 81 583 82 2197</i>  <i>Email : youkaipro-1977@kyowa-chuzo.co.jp</i>  <i>Website: www.kyowa-chuzo.co.jp</i>  <i>Certificate No: MD00/4247/0001/5 Expiry Date 01/11/2016</i>	Grey	0.71	Kobe
<b>MATSUNAGA FOUNDRY CO., LTD.</b>  50-4, Shiratake-cho Sasebo 857-1164 <i>Tel: +81 956 31 8321 Fax: +81 956 31 8325</i>  <i>E-mail: matsunaga-hinshua@vego.ocn.ne.jp</i>  <i>Certificate No. MD00/1001/0008/5 Expiry date: 02/11/2020</i>	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 <i>Tel: +81 82 491 1828 Fax: +81 82 491 1838</i> <i>web: www.mayekawa.co.jp/ja/</i> <i>Certificate No. MD00/4385/0002/5 Expiry date: 15/09/2020</i>	Grey Spheroidal Graphite	0.30 0.25	Kobe
<b>MITSUBISHI HEAVY IND. LTD.</b>  Kobe Shipyard & Machinery Works, 1, Minamifutami, Futami-cho, Akashi, Hyogo, <i>TEL: +81 78 672 4340 FAX: +81 78 672 4335</i>  <i>E-mail: daisuke_ichii@mhi.co.jp</i>  <i>Website: www.mhi.co.jp</i>  <i>Certificate No. MD00/4394/0002/5 Expiry date: 03/09/2020</i>	Spheroidal Graphite	50.00	Kobe
<b>MITSUI MEEHANITE METAL CO., LTD.</b>  Okazaki Works 111, Kaminogawa Oka-machi, Okazaki-shi Aichi-ken 444-0005 <i>Tel: +81 564 55 3521 Fax: +81 564 55 0369</i> <i>Email: f-okazaki@m-meehanite.co.jp</i> <i>Including S.G. iron crankshafts</i> <i>Certificate No. MD00/1037/0008/5 Expiry date: 08/05/2021</i>	Spheroidal Graphite	10.00	Kobe
<b>MITSUOKA FOUNDRY CO., LTD.</b>  16, Fukuriki Tsuyama Okayama-Pref <i>Tel: +81 868 26 0145 Fax: +81 868 26 5029</i> <i>email: toshiro@mitsuoka.co.jp web: www.mitsuoka.co.jp</i> <i>Certificate No. MD00/2318/0007/5 Expiry date: 02/04/2020</i>	Grey Spheroidal Graphite	1.10 2.00	Kobe

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

Name and Address	Grade	Max Weight Tonnes	Office
<b>OCHI FOUNDRY CO., LTD.</b>  1016, Tanouwagata Tanbara-cho Saijo-shi Ehime 791-0522 <i>Tel: +81 867 24 0141 Fax: +81 867 24 0171 E-mail to: tec@asagoe-net.co.jp</i> <i>Certificate No. MD00/4511/0001/5 Expiry date: 22/09/2018</i>	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, <i>Tel +81-952-31-3175 Fax +81-952-31-3178</i> <i>Email: sagaimono@aiores.ocn.ne.jp</i> <i>Web: http://www.saga-genki.jp/?k=1540</i> <i>Certificate No. MD00/4641/0001/5 Expiry date 13/12/2019</i>	Spheroidal Graphite	0.20	Nagasaki
<b>SAKABE KOGYO CO., LTD.</b> 8, Mizuarai Nakabata Nishio-shi Aichi-ken <i>Tel +81 563 59 8181 Fax +81 563 59 0774</i> <i>Email: yuzo-sakuri@cast-sakabe.co.jp</i> <i>Web: http://www.sakabekogyo.jp/pc/</i> <i>Certificate No. MD00/1290/0007/5 Expiry date 31/01/2020</i>	Spheroidal Graphite	1.50	Kobe
<b>SANUKI FOUNDRY CO., LTD.</b>  1802, Higashi-Takashino Manno-cho Nakatado-gun Kagawa Pref. <i>Tel: +81 877 73 4121 Fax: +81 877 73 2048</i> <i>Email: mailto:yohyam@sanuki.ecnet.jp</i> <i>web : www.sanuki.ecnet.jp</i> <i>Certificate No. MD00/1305/0008/5 Expiry date: 15/05/2020</i>	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 <i>Tel. +81 82 508 1016 Fax +81 82 508 1025</i> <i>email: okinaga@shinkohiro.co.jp web: www.shinkohir.co.jp</i> <i>Certificate No. MD00/1363/0008/5 Expiry date: 17/09/2021</i>	Grey Spheroidal Graphite	2.50 2.50	Kobe
<b>SONE FOUNDRY Co. Ltd.</b>  5-2-6, Umei Takasago-city Hyogo, 676-0074 <i>tel. no.: +81-79-448-0727; Fax. no.: +81-79-448-0790;</i> <i>email: mail-1@sone-foundry.co.jp; web page: http://www.sone-foundry.co.jp/</i> <i>Certificate no.:MD00/4227/0002/5; Expiry date: 22/09/2019</i>	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 <i>Tel: +81 06 6931 5038 Fax: +81 06 6933 7546 Email: noriyoshi@suzaki-chutetsu.com</i>  <i>Certificate No. MD00/4116/0003/5 Expiry date: 27/01/2022</i>	Grey Spheroidal Graphite	0.47 0.47	Kobe
<b>SUZUKI IRON FOUNDRY CO., LTD.</b>  1-117, Asanishi Ohgaki-city Gifu-ken <i>Tel: +81 584 89 4030 Fax: +81 584 89 4017</i> <i>Email: susukich@plum.ocn.ne.jp</i> <i>Certificate No. MD00/2066/0008/5 Expiry date: 04/03/2021</i>	Grey Spheroidal Graphite	0.50 0.50	Kobe
<b>TAGUCHI FOUNDRY CO., LTD.</b>	Grey Spheroidal Graphite	8.00 6.50	Kobe

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

Name and Address	Grade	Max Weight Tonnes	Office
4-18-40 Senda-cho Fukuyama-city Hiroshima-Pref. 720-0017 <i>Tel: +81 (0)84 955 1698 Fax: +81 (0)84 955 3735</i> <i>Email: n-kita@tagu-foundry.co.jp Web: http://www.tagu-foundry.co.jp</i> <i>Certificate No. MD00/1478/0010/5 Expiry date: 08/01/2021</i>			
<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: hiroshi-miyanmoto@jsw.co.jp web: www.jsw.co.jp</i> <i>Certificate No. MD00/4449/0002/5 Expiry date: 18/03/2021</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. MD00/1577/0008/5 Expiry date: 20/12/2021	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. MD00/2966/0007/5 Expiry date: 01/04/2021	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. MD00/3663/0004/5 Expiry date: 14/08/2021	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
1482 Songgok-Ri Dasan-Myeon Goryeong-Gun Gyeongbuk <i>Tel: +82 54 954 1455/1456/1457 Fax: +82 54 954 1452</i> <i>email: dhc1482@daum.net</i> <i>Certificate No. MD00/3307/0005/5 Expiry date: 20/01/2022</i>			
<b>DAV METAL Co., Ltd.</b> 61, Myeongje-ro Jinhae-gu Changwon-si, Gyeongsangnam-do <i>Tel: +82 (0)55 545 2430 Fax: +82 (0)55 546 2888 Mob: +82 (0)10 2372 6353</i> <i>email: tysmc@naver.com</i> <i>Certificate No. MD00/2196/0007/5 Expiry date: 03/03/2019</i>	Spheroidal Graphite	1.00	Jinhae
<b>DIOTEK Co.,Ltd.</b> 1437, Songgok-Ri Dasan-Myun Koryeong-Gun Kyungsanbuk-Do 717-870 <i>Tel: +82 054 956 0123 Fax: +82 54 956 4600</i>  <i>E-mail: diotech@hanmail.net</i>  <i>Website: www.diotekcast.com</i>  <i>Certificate No. MD00/2843/0008/5 Expiry date: 30/10/2019</i>	Grey Spheroidal Graphite	5.00 5.00	Ulsan
<b>DONG BANG METAL CO., LTD.</b> 59-21, Biseul-ro 262-gil, Nongong-eup Dalseong-gun Daegu <i>Tel: +0082 53 616 1346 Fax: +0082 53 616 1348</i> <i>Email: dbking1347@hanmail.net</i>  <i>Certificate No. MD00/4469/0002/5 Expiry date: 15/04/2021</i>	Spheroidal Graphite	0.16	Changwon
<b>DONG CHANG CASTING CO.</b> #730-4, Hakjang-Dong Sasang-Gu Busan <i>Tel: +051 315 2179 Fax: +051 324 8287</i> <i>Email: changmet@hanmail.net</i> <i>Web: http://www.dccast.co.kr</i> <i>Approval includes for Crankshafts in SG Iron to 34 Kgs maximum weight.</i> <i>Certificate No. MD00/3434/0005/5 Expiry date: 24/02/2020</i>	Grey Spheroidal Graphite	1.50 1.50	Busan Port
<b>DONG KWANG FOUNDRY Co., Ltd.</b> #9 HakJang-ro 95 beon-gil Sasang-gu <i>Tel: +82 (0)51 325 0598 Fax: +82 (0)51 328 9225 Email: mailto:dd0119@hanmail.net</i> <i>Including S.G. iron crankshafts</i> <i>Certificate No. MD00/2866/0007/5 Expiry date: 16/02/2020</i>	Grey Spheroidal Graphite	1.20 0.65	Busan Port
<b>DONGHEE CO. LTD</b> 50, Dasansandan 3-gil Dasan-Myeon Goryeong-Gun Gyeongsangbuk-do <i>Tel: +82 (0) 54 954 0461 Fax: +82 (0) 54 954 0464 Email: donghee3773@hanmail.net</i> <i>Certificate Number: MD00/3566/0004/5 Expiry: 09/02/2021</i>	Grey Spheroidal Graphite	1.12 1.50	Changwon
<b>HAN HWANG IND. CO., LTD.</b> 28, Namui-ro, 43 beon-gil, Jinhae-gu, Changwon-si, Gyeongsangnam <i>Tel: +82 55 548 0751 Fax: +82 55 551 6781</i>  <i>E-Mail: hh@hanhwang.co.kr</i>  <i>Certificate No. MD00/1784/0008/5 Expiry date: 20/02/2021</i>	Grey Spheroidal Graphite	2.00 2.00	Changwon

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

Name and Address	Grade	Max Weight Tonnes	Office
<b>HAN JEON METAL CO LTD,</b>  25, Namui-ro 43 beon-gil Jinhae-Gu, Gyeongsangnam-Do, <i>Tel No : +82 55 551 8320 Fax No: +82 55 551 8326</i> <i>Email: hmc@hanjeon.co.kr</i> <i>Web : www.hanjeon.co.kr</i> <i>Certificate No MD00/3890/0005/5 Expiry Date 11/03/2020</i>	Grey	0.10	Changwon
	Spheroidal Graphite	5.00	
<b>HAN SUNG METAL CO.</b> 39, Nakdong-dearo 988 beon-gil, Sasang-gu, Busan <i>Tel: +82 (0) 51 314 0536 Fax: +82 (0) 51 313 4688 Email mailto:hansung314@korea.com</i> <i>Certificate Number: MD00/3036/0006/5 Expiry: 07/01/2022</i>	Spheroidal Graphite	1.00	Busan Port
	Grey	15.00	Seoul
<b>HANKOOK KIJUN METAL CO. LTD.,</b>  (Yangchon-eup), 281, Hwanggeum-ro, 23beon-gil, Gimpo-si Gyeonggi-do <i>Tel No. +82 31 996 1811/2 Fax No. +82 31 996 1813</i> <i>Email: sung2588@hanmail.net</i> <i>Web: www.hkkjmetal.com</i> <i>Certificate No MD00/4041/0002/5 Expiry Date 23/06/2018</i>	Spheroidal Graphite	10.00	
	Grey	3.50	Busan Port
<b>HEE WON METAL CO., LTD.</b>  45, Nakdong-dearo 988 beon-gil Sasang-gu Busan <i>Tel: +82 51 317 4598 Fax: +82 51 323 9150</i>  <i>E-mail: heewonmetal@daum.net</i>  <i>The scope of approval includes for the stress relieving heat treatment of castings only.</i>  <i>Certificate No. MD00/2911/0006/5 Expiry date: 15/08/2020</i>	Spheroidal Graphite	2.00	
	Grey	11.00	Jinhae
<b>HWA SUNG METAL INDUSTRIAL Co.</b>  13, namui-ro 43 beon-gil Jinhae-gu Changwon-si Gyeongsangnam-do <i>Tel: +82 (0)55 551 9123 Fax: +82 (0)55 551 9128 Email mailto:hsmetal@hscast.co.kr</i> <i>Certificate No. MD00/3236/0005/5 Expiry date: 01/04/2021</i>	Spheroidal Graphite	11.00	
	Grey	48.00	Ulsan
<b>HYUNDAI HEAVY INDUSTRIES CO LTD</b>  Engine & Machinery Division 1000, Bangeojinsunhwando-ro Dong-ku Ulsan <i>Tel: +82 52 230 7661 Fax: +82 52 230 7691 EMail mailto: crson@hhi.co.kr Web site http://www.hhi.co.kr</i> <i>Certificate No. MD00/0733/0009/5 Expiry date: 19/05/2020</i>	Spheroidal Graphite	34.00	
	Spheroidal Graphite	0.07	Seoul
<b>JINSEONG LINER CO., LTD.</b> 63, Pyoungchon-1 gil, Daedeok-gu, Daejeon, <i>Tel: +82 42 931 8558 Fax: +82 42 931 3116</i> <i>email: ljinseong@naver.com</i> <i>Certificate No: MD00/4598/0001/5 Expiry Date: 17/07/2019</i>	Grey	3.50	Busan Port
	Spheroidal Graphite	3.50	
<b>JINYOUNG CASTING CO.</b>  2274 Hak Jang-Dong Sa Sang-Gu Busan <i>Tel: +82 51 313 4316 Fax: +82 51 326 4316 Email: jyc4316@hanmail.com</i> <i>Certificate No. MD00/3322/0005/5 Expiry date: 05/03/2019</i>	Grey	12.00	Changwon
	Spheroidal Graphite	7.00	
<b>JOONG ANG METAL CO., LTD.</b>  79, Dasansandan 3-gil, Dasan-myeon Goryeong-gun Gyeongsangbuk-do <i>Tel +82 (0)54 956 5501 Fax +82 (0)54 956 5510</i> <i>Certificate No. MD00/3960/0004/5 Expiry date: 09/10/2020</i>	Grey	12.00	Changwon
	Spheroidal Graphite	7.00	

**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 Tel: +82 54 955 1130 Fax: +82 54 954 0034 Email: jacaron1@naver.com Certificate Number: MD00/2760/0008/5 Expiry: 08/11/2021	Grey Spheroidal Graphite	2.00 2.00	Changwon
<b>KWANG HEE CO. LTD.</b>  381-75, Kyoungseo-Dong Seo-Gu Incheon Tel: +82 32 561 8997-9 Fax: +82 32 561 4719  Email: meltpour12@daum.net  Web: http://www.khcasting.co.kr  Certificate Number: MD00/2223/0008/5 Expiry: 23/06/2016	Grey	13.00	Seoul
<b>MIDAS CO., LTD</b>  10-50 Dasan sandan 2-gil, Dasan-myun Goryung-gun Kyungsangbuk-do Tel No. +82 54 955 8338 Fax +82 54 955 8377 Email: midas0024@nate.com Certificate No. MD00/3107/0006/5 Expiry date: 07/10/2019	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 Tel: +82 55 552 3840 Fax: +82 55 552 8400 Email: palmi27@korea.com Certificate No. MD00/2252/0008/5 Expiry date: 04/09/2019	Grey Spheroidal Graphite	0.27 0.27	Jinhae
<b>S &amp; T DYNAMICS CO., LTD.</b>  Foundry Division 83 Daewon-dong Changwon Kyungnam Tel: +82 55 212 6270 Fax: +82 55 212 6277 Email: mailto:jich@hisntd.com Web: http://www.tongil.co.kr Certificate No. MD00/2844/0007/5 Expiry date: 10/11/2016	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, Tel: +82 41 582 1231 Fax: +82 41 582 1340 email: yssong@smetal.co.kr web: www.smetal.co.kr  Certificate No. MD00/1991/0009/5 Expiry date: 07/06/2020	Grey Spheroidal Graphite	8.00 3.00	Seoul
<b>SAMYOUNG MACHINERY Co., LTD. NONSAN FACTORY.</b>  24-21 Gayagongdan-gil Gayagok-Myeon, Nonsan-Si, Chungcheongnam-do Tel: +82 41 740 5345 Fax: +82 41 741 4197  E-mail: ksat350@sym.co.kr  Website: www.sym.co.kr  Certificate No. MD00/3017/0007/5 Expiry date: 01/11/2021	Grey Spheroidal Graphite	16.50 16.50	Seoul
<b>SEHWA CO., LTD</b>  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: MD00/4110/0004/5 Expiry Date 09/01/2022	Grey Spheroidal Graphite	3.00 5.00	Changwon

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

Name and Address	Grade	Max Weight Tonnes	Office
<b>SHIN HAN METAL CO., LTD.</b>  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: shinhan@naver.com Certificate Number: MD00/2740/0008/5 Expiry: 11/07/2021	Grey Spheroidal Graphite	1.80 1.80	Jinhae
<b>STX HEAVY INDUSTRIES CO., LTD.</b>  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	Grey Spheroidal Graphite	35.00 35.00	Changwon
<b>SUNG HO METAL CO., LTD.</b>  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	Grey Spheroidal Graphite	0.09 0.09	Changwon
<b>TAE BAEK CAST IRON CO., LTD.</b>  Dasan-Myun Goryung-Gun Kyung-sangbuk-do Tel: +82 (0)54 956 3090 Fax: +82 (0)54 956 3095 Email: tbcast@naver.com Certificate No. MD00/3304/0004/5 Expiry date: 06/01/2019	Grey Spheroidal Graphite	5.00 5.00	Changwon
<b>TECH-YOUNG IRON CONCAST INC.</b>  (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  <i>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.</i>	Grey Spheroidal Graphite	1.20 1.20	Seoul
<b>TSP CO., LTD.</b>  (Yangsang Shop) 13, Yusangongdan 5-gil Yangsan-si, Gyeongnam-do, Tel: +82 55 362 6680 Fax: +82 55 362 6683 email: dikim@tspco.kr web: http://www.tspco.kr  Certificate Number: MD00/3643/0009/5 Expiry date: 21/01/2021	Grey Spheroidal Graphite	18.00 1.33	Busan Port
<b>WOOIL FOUNDRY CO.</b>  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. MD00/2950/0007/5 Expiry date: 31/01/2021	Spheroidal Graphite	2.00	Changwon
<b>WOOKIL METAL CO.</b>  68-22, Seobu-ro 1499beon-gil, Juchon-myeon, Gimhae-si, Gyeongsangnam-do, 621-841 Tel: +82 (0)55 338 0192 Fax: +82 (0)55 338 0194 email wookilmtl@naver.com  Certificate No. MD00/3211/0006/5 Expiry date: 31/12/2020	Grey Spheroidal Graphite	4.00 4.00	Busan Port

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

Name and Address	Grade	Max Weight Tonnes	Office
<b>WOOSUNG METAL CO., LTD.</b>  70-51, Sanggung1-gil Godeok-myun, Yesan-gun Chungnam Tel: +32 837 5568 Fax: +32 837 5569 Email: wsgs1@hanmail.net Web <a href="http://www.woosung-hitech.com">http://www.woosung-hitech.com</a> Certificate No. MD00/4571/0001/5 Expiry date: 26/04/2019	Grey Spheroidal Graphite	22.00 22.00	Seoul
<b>YONG JIN Co., Ltd.</b>  1767, SONGGOK-RI, DASAN-MYUN, GORYONG-GUN, GYEONG BUK, Tel: +82 054 956 6133 Fax: +82 054 956 6137  E-mail: di8412@naver.com  Certificate: MD00/3670/0004/5 Expiry date: 24/09/2021	Grey Spheroidal Graphite	1.80 0.84	Changwon
<b>YOOSUNG ENTERPRISE CO., LTD.</b> 64, Yongsangongdan-gil, Yongsan-myeon, Yeongdong-gun, Chungcheonbuk-do Tel: +82 43-740-8861 Fax: +82 43-740-8889 email yshan@ypr.co.kr web www.ypr.co.kr  Certificate No. MD00/3567/0004/5 Expiry date: 14/12/2020	Grey	0.35	Seoul
<b>YOUNG JIN CAST METAL Co.</b> 43-15, 12-Beongil of Noksansandan 381-Ro, Busan Tel: +82 (0)51 831 0455 Fax: +82 (0)51 831 0457 email: yjcckr@nate.com  Certificate No. MD00/2897/0006/5 Expiry date: 11/06/2020	Spheroidal Graphite	0.70	Busan Port
<b>YOUNG NAM IRON CASTING IND. CO., LTD.</b>  #234, 3 Ga Nowon-Dong, Buk-Gu Daegu Tel: +82 53 351 3954 Fax: +82 53 352 1766 Email: Dewwon@naver.com Web: www.yncip.co.kr Certificate No. MD00/1694/0007/5 Expiry date: 26/08/2017	Grey Spheroidal Graphite	7.20 2.50	Changwon

## Latvia

<b>SPERRE BALTIC LTD</b>  Bikernieku Street 18 LV-1039 Riga Tel No: +371 678 40947 Fax No: +371 678 40949 Mob: +371 29436223 Email: nadezda.macaka@sperre.com Web: <a href="http://www.sperre.com">http://www.sperre.com</a> Certificate No: MD00/4326/0002/5 Expiry date 27/05/2020	Grey Spheroidal Graphite	0.10 0.10	Riga
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## Mexico

<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: <a href="http://www.tupy.com.mx">http://www.tupy.com.mx</a>  Certificate Number: MD00/3883/0004/5 Expiry date: 02/02/2020	Grey	0.60	Veracruz
<b>TUPY MEXICO SALTILLO, S.A.</b>	Grey	0.40	Veracruz

**List 5  
Approved Manufacturers  
of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
Blvd. Isidro López Zertuche No. 4003, CP 25239 Saltillo, Coahuila, <i>tel: +52 844 4 11 21 24 Mob: +51 (844) 160 3115</i> <i>email: yadira.lozano@tupy.com.mx web: www.tupy.com.br</i>  <i>Certificate No: MD00/4384/0002/5 Expiry Date: 15/09/2020</i>			

## Norway

<b>BERGEN ENGINES AS</b>  Att:Foundry Postboks 329 Sentrum 5804 BERGEN <i>Tel: +47 55 53 65 00 Fax: +47 55 53 65 05</i> <i>Email: mailto:preslava.hristova-ulveseth@rolls-royce.com</i> <i>Web: http://www.rolls-royce.com</i> <i>Certificate No. MD00/2174/0007/5 Expiry date: 13/10/2018</i>	Grey Spheroidal Graphite	15.00 15.00	Bergen
<b>FURNES JERNSTØPERI AS</b> Uthusveien 8, 2335 Stange, <i>Tel: +47 62 53 83 00</i> <i>email: post@furnes-as.no web: www.furnes-as.no</i>  <i>Certificate No: MD00/4679/0001/5 Expiry date: 06/07/2020</i>	Spheroidal Graphite	0.25	Oslo
<b>MANDAL CASTINGS AS</b>  Støperiveien 13 N-4517 Mandal <i>Tel: +47 38 27 8484 Fax: +47 38 27 8485</i>  <i>E-mail: post@mandalcastings.no</i>  <i>Website: www.mandalcastings.no</i>  <i>The scope of approval includes for S.G.Iron crankshafts within the above maximum weight.</i>  <i>Scope of approval does not include heat treatment.</i>  <i>Certificate Number: MD00/0976/0011/5 Expiry: 16/08/2021</i>	Grey Spheroidal Graphite	6.00 6.00	Oslo

## Poland

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

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

Name and Address	Grade	Max Weight Tonnes	Office
<b>ODLEWNIA ZELIWA "SREM" S.A.</b>  Ul. Staszica 1 63-100 Srem Tel: +48 61 281 3807 Fax: +48 61 281 3115 Email: <a href="mailto:mailto:romanbartkowiak@oz-srem.com.pl">mailto:romanbartkowiak@oz-srem.com.pl</a> Web: <a href="http://www.oz-srem.com.pl">http://www.oz-srem.com.pl</a> Certificate No. MD00/1702/0007/5 Expiry date: 09/12/2019	Grey Spheroidal Graphite	30.00 30.00	Gdansk
<b>PIOMA-ODLEWNIA Sp. z o.o.</b> ul. R. Dmowskiego 38 97-300 Piotrków Trybunalski Tel: +48 44 648 95 80 Fax: +48 44 648 97 39 email <a href="mailto:marcin.mastalerz@pgosa.pl">marcin.mastalerz@pgosa.pl</a> web <a href="http://www.pioma-odlewnia.com.pl">www.pioma-odlewnia.com.pl</a>  Certificate No. MD00/2930/0006/5 Expiry date: 16/11/2020	Grey	5.00	Katowice
<b>PUCKIE ZAKLADY MECHANICZNE</b> AMEX Sp. z o. o. kmdr E. Szystowskiego 15 84-100 Puck Tel +48 58 673 20 61 Fax +48 58 673 23 32 email: <a href="mailto:nkj@pzm-amex.pl">nkj@pzm-amex.pl</a> web: <a href="http://www.pzm-amex.pl">www.pzm-amex.pl</a> Certificate No. MD00/2607/0008/5 Expiry date: 24/10/2020	Grey	0.30	Gdansk
<b>SKB DRIVE TECH S.A.</b>  ul. Ignacego Krasickiego 63/71, 97-500 Radomsko, Tel: +48 44 682 06 00 Fax: +48 44 682 14 80 email: <a href="mailto:monika.janiec-mateja@skbdrivetech.pl">monika.janiec-mateja@skbdrivetech.pl</a> web: <a href="http://www.skbdrivetech.pl">www.skbdrivetech.pl</a>  Certificate No: MD00/4649/0001/5 Expiry Date: 09/01/2020	Grey Spheroidal Graphite	1.85 2.36	Katowice
<b>TERIEL Sp. z o.o.</b>  ul. Lipowa 2a, 68-300 Gostyń Tel: +48 65 572 0820 Fax: +48 65 572 1405 Email: <a href="mailto:gostyn@teriel.com.pl">gostyn@teriel.com.pl</a> Web: <a href="http://www.teriel.pl">www.teriel.pl</a> Certificate No: MD00/4681/0001/5 Expiry date: 01/06/2020	Grey Spheroidal Graphite	0.08 0.08	Katowice
<b>ZETKAMA Sp. z o. o.</b>  ul. 3 Maja 12 57-410 Scinawka Srednia Tel: +48 7486 52146 Fax: +48 7486 52101  E-mail: <a href="mailto:pilnicki@zetskama.co.pl">pilnicki@zetskama.co.pl</a>  Website: <a href="http://www.zetskama.com.pl">www.zetskama.com.pl</a>  Certificate No. MD00/2947/0007/5 Expiry date: 24/01/2021	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, Tel +351 234 610 528 Fax +351 234 623 286 Email: <a href="mailto:duritcast@duritcast.pt">duritcast@duritcast.pt</a> Certificate No. MD00/3901/0004/5 Expiry date: 10/04/2020	Grey Spheroidal Graphite	0.80 0.80	Lisbon
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## Slovenia

<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: <a href="mailto:foundation@litostroj.com">foundation@litostroj.com</a> web: <a href="http://www.litostroj.com">www.litostroj.com</a> Certificate No. MD00/2194/0007/5 Expiry date: 12/11/2018	Grey	25.00	Zagreb
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**List 5**  
**Approved Manufacturers**  
**of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
<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

**Spain**

<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 Mob: +34 628782184 email aa@fundicionesgarbi.es web: www.fundicionesgarbi.es Certificate No. MD00/2962/0006/5 Expiry date: 28/03/2021	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: calidad@fundicionesrey.com Web http://www.fundicionesrey.com Certificate No. MD00/2979/0006/5 Expiry date: 17/04/2021	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 email: i.gorrotxategi@furesa.com web: www.furesa.com Certificate Number: MD00/3722/0004/5 Expiry date: 03/05/2021	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
<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



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

Name and Address	Grade	Max Weight Tonnes	Office
<b>SAKANA, S. COOP.</b> Zona Sarrarte s/n, 31830 Lakuntza, Navarra Tel: +34 948 576 000 Fax: +34 948 576 130 email: rrodriguez@sakano.coop web: www.sakana.coop  Cert No: MD00/4448/0002/5 Expiry Date: 17/03/2021	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. MD00/2980/0006/5 Expiry date: 25/02/2021	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: info@nottaris.ch web: www.nottaris.ch Certificate No. MD00/3220/0005/5 Expiry date: 02/03/2021	Grey Spheroidal Graphite	2.00 2.00	Hamburg
<b>VONROLL CASTING SA</b>  CH-2800 Delémont tel: +41 32 421 78 65 fax: +41 32 421 78 09 email: pol-andre.rais@vonroll-casting.ch web: www.vonroll-casting.ch Certificate No: MD00/4519/0002/5 Expiry Date: 18/10/2021	Grey Spheroidal Graphite	0.40 0.40	Dortmund
<b>WOLFENBERGER AG</b>  Bäreterwilerstrasse 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. MD00/2967/0006/5 Expiry date: 16/04/2021	Grey Spheroidal Graphite	0.80 0.80	Dortmund

*Approved for Austenitic Engineering and Special Purpose grade flake and ductile irons*

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

Name and Address	Grade	Max Weight Tonnes	Office
<b>Taiwan, Republic of China</b>			
<b>CHINA STEEL MACHINERY CORPORATION</b> 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	Grey	50.00	Kaohsiung
<b>TAIWAN SHUN HSING INDUSTRIAL CO., LTD.</b>  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	Grey Spheroidal Graphite	2.50 2.50	Taipei

**Thailand**

<b>AYUTTHAYA METAL Co LTD</b> 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	Spheroidal Graphite	1.80	Bangkok
<b>THAI DUCTILE INDUSTRY CO., LTD.</b> 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. MD00/2739/0007/5 Expiry date: 23/09/2021	Spheroidal Graphite	0.30	Bangkok
<b>THAI FIRST CASTING CO. LTD</b>  28/2 Moo 5 Rama 2 Road, Phraeknamdaeng, Amphawa, Samutsongkhram. 75110 Tel: 034-7015903-3 Fax: 034-701594  E-mail: tfc@thaitfc.com  Certificate No: MD00/4506/0002/5 Expiry Date: 23/08/2021	Grey Spheroidal Graphite	2.00 3.10	Bangkok

**The Netherlands**

<b>COMPONENTA B.V.</b>  Business Unit Componenta Heerlen De Koumen 2 PO Box 197 6430AD Heerlen Tel: +31 (0) 495513800 Fax: +31 (0) 455283692 Email: mailto:paul.hutschemaekers@componenta.com Web http://www.componenta.com Certificate No. MD00/2141/0007/5 Expiry date: 26/08/2018	Grey Spheroidal Graphite	2.00 2.00	Haren (Groningen)
<b>COMPONENTA B.V.</b>	Grey Spheroidal Graphite	0.30 0.30	Haren (Groningen)

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

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

## Turkey

<p><b>AKDAS - Casting Industry and Trade Co. Inc.</b>  Oguz Cad No 40, Organize Sanayi Bolgesi Sincan 06935 Ankara Tel: +90 312 267 1880 Fax: +90 312 267 1888 Email: akdas@akdas.com.tr Web: http://www.akdas.com.tr  Certificate Number: MD00/3417/0003/5 Expiry date: 22/01/2017</p>	<p>Grey Spheroidal Graphite</p>	<p>18.00 26.20</p>	<p>Istanbul</p>
<p><b>ARDÖKSAN SFERO VE KALITELI PİK DÖKÜM SANAYİ LTD.STL.</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</p>	<p>Grey Spheroidal Graphite</p>	<p>0.35 0.35</p>	<p>Istanbul</p>

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

Name and Address	Grade	Max Weight Tonnes	Office
<b>ATİK METAL SANAYİ A.S.</b>  5018 Sok. No: 1-3 Aliaga Organize Sanayi Bölgesi 35800-Aliaga İzmir Tel: +90 232 328 3510 Fax: +90 232 328 3518 Mobile: +90 232 559 3175 email: nilguntok@atikmetal.com.tr web www.atikmetal.co.tr Certificate No.:MD00/3993/0003/5 Expiry Date: 20/02/2021	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 Kirsehir 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>DIRİNLER DÖKÜM SAN. TUR. LIMAN İŞL. VE TIC. A.S.</b>  A.O.S.B.10006 Sokak No. 57 Çıglı İZMİR Tel: +90 232 376 8787 Fax: +90 232 376 8567 Email  E-mail: kalitesistem@dirinlerdokum.com  Website: http://www.dirinlerdokum.com  Certificate No. MD00/3295/0005/5 Expiry date: 13/12/2021	Grey Spheroidal Graphite	9.00 9.00	Istanbul
<b>EKSTRAMETAL DÖKÜM İZABE VE.MAK.SAN.İTH.İHR.TIC.LTD.ŞTİ.</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 SG iron crankshafts up to 66kgs	Grey Spheroidal Graphite	0.74 0.74	Istanbul
<b>ERKUNT SANAYİ A.S.</b>  Foundry 1 Bahçekapi Mah. Fen isleri 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
<b>ERKUNT SANAYİ A.S.</b>	Grey	0.10	Istanbul

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

<b>Name and Address</b>	<b>Grade</b>	<b>Max Weight Tonnes</b>	<b>Office</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.			
<b>FEDERAL-MOGUL POWERTRAIN OTOMOTIV A.S.</b> Hasanpasa Mah. Segman Cad. No:14 Kirkpinar - 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@hekimogluglukum.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. Köseler 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 SANAYI VE TICARET A.S.</b>  Hatip Mah. Bahar Yıldızı Sok. No. 10 Çorlu, Tekirdag 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 SILINDIR ve MOTOR ELEMANLARI SAN. ve.TIC. 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 CELIK DOKUM SANAYI TICARET A.S.</b>  Yazibasi Torbali 35860 Izmir 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  <i>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.</i>	Grey Spheroidal Graphite	3.00 4.20	Birmingham
<b>CERDIC FOUNDRIES LTD</b>  Beeching Close Chard Somerset TA20 1BB Tel: +44 (0) 1460 64301, Fax. No. +44 (0)1460 63961 e-mail: david.taylor@cedricfoundries.co.uk web: www.cedricfoundries.co.uk  Certificate No:MD00/4503/0001/5 Expiry Date: 25/08/2021	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>	Grey	1.00	Liverpool
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:dean.millington@jjsiddons.co.uk">mailto:dean.millington@jjsiddons.co.uk</a> Certificate No. MD00/2256/0007/5 Expiry date: 05/10/2019	Spheroidal Graphite	0.80	
<b>MICRON ALLOY CASTINGS</b>	Spheroidal Graphite	0.63	Liverpool
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. MD00/1845/0009/5 Expiry date: 16/06/2021			
<b>RUSSELL DUCTILE CASTINGS LTD.</b>	Grey	1.20	Liverpool
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	Spheroidal Graphite	1.70	
<b>T.H.DICK &amp; COMPANY LTD.</b>	Grey	1.50	Liverpool
Cleveland Street Hull HU8 7BD Tel: +44(0) 1482 329652 Fax: +44(0)1482 589986 Email: <a href="mailto:info@thdick.co.uk">info@thdick.co.uk</a> Web: <a href="http://www.thdick.co.uk">http://www.thdick.co.uk</a> Certificate Number: MD00/2992/0006/5 Expiry: 15/07/2021	Spheroidal Graphite	1.50	
<b>UNITED CAST BAR LIMITED</b>	Grey	9.65	Hull
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	Spheroidal Graphite	9.65	

## United States of America

<b>ATI CASTING SERVICE</b>	Grey	10.00	Chicago
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	Spheroidal Graphite	10.00	
<b>GLIDEWELL SPECIALITIES FOUNDRY</b>	Grey	6.10	New Orleans
600 Foundry Road, Calera, Alabama 35040, Tel: +1-205-795-7332 web: <a href="http://www.glidewell-foundry.com">www.glidewell-foundry.com</a>  Certificate Number: MD00/3746/0004/5 Expiry Date: 20/02/2022	Spheroidal Graphite	6.10	

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

Name and Address	Grade	Max Weight Tonnes	Office
<b>LODI IRON WORKS INC</b>  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: MD00/4421/0002/5      Expiry Date: 04/02/2021</i>	Grey Spheroidal Graphite	0.78 0.37	Seattle
<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
<b>PENN-MAR CASTINGS, INC.</b>  500 Broadway, Hanover, PA 17331 <i>Tel: +1 717 632 4165 Fax: +1 717 632 6912</i> <i>web: www.pennmarcastings.com</i>	Grey	0.46	Philadelphia



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