

List 5
Approved Manufacturers
of Iron Castings

Name and Address	Grade	Max Weight Tonnes	Office
<p>Geschäftseinheit Motoren, Giesserei MWFG Vogelweiherstr. 33 D-90441 Nürnberg Tel: +49 911 420 1767 Fax: +49 911 420 921767 email: johann.boehm@man.eu Certificate No. MD00/2404/0006/5 Expiry date: 06/07/2017</p>			
<p>METALLWERK FRANZ KLEINKEN GmbH</p> <p>Westwall 31 D-46282 Dorsten Tel: +49 (0)2369 91 5434 Fax: +49 (0)2369 91 5432 Email: Schafaff@kleinken.de Web: http://www.kleinken.de Certificate No. MD00/2387/0006/5 Expiry date: 04/06/2017</p>	<p>Grey Spheroidal Graphite</p>	<p>30.00 15.00</p>	<p>Hamburg</p>
<p>MEUSELWITZ GUSS EISENGIEßEREI GmbH</p> <p>Industriepark Nord D-04610 Meuselwitz Tel +49 03448 82300 Fax +49 03448 82115 Mobile: +49 (0)160 1873227 Email: mailto:andreas.werner@meuselwitz-guss.de Web:http://www.meuselwitz-guss.de Certificate No. MD00/1801/0007/5 Expiry date: 23/05/2018</p>	<p>Grey Spheroidal Graphite</p>	<p>20.00 20.00</p>	<p>Hamburg</p>
<p>PLEISSNER GUSS GmbH</p> <p>Duderstädter Straße 17 D-37412 Herzberg el +49 5521 83204 Fax +49 5521 83203 Mobile: +49 173 7393290 Email: vertrieb@pleissner-guss.de Web:http://www.pleissner-guss.de Certificate No. MD00/1203/0002/5 Expiry date: 24/11/2019</p>	<p>Austenitic*</p>	<p>5.00</p>	<p>Hamburg</p>
<p>PLEISSNER GmbH</p> <p>Gerberstr. 27 D-31008 Elze Tel: +49 (0)5068 463 62 Fax: +49 (0)5068 463 65 Email: certrieb@pleissner.de Web: http://www.pleissner.de Certificate No. MD00/1204/0007/5 Expiry date: 28/07/2017</p>	<p>Grey Spheroidal Graphite</p>	<p>7.00 7.00</p>	<p>Hamburg</p>
<p>RAIMUND HÖLLEIN CAROLINENHÜTTE GmbH</p> <p>D-93183 Kallmünz Tel: +49 9473/940728 Fax: +49 9473/940719 Email: mailto: qs.heilmannoellein-guss.de Certificate No. MD00/1228/0008/5 Expiry date: 27/06/2017</p>	<p>Grey Spheroidal Graphite</p>	<p>8.00 4.50</p>	<p>Hamburg</p>
<p>REINHARD TWEER GmbH</p> <p>Krackser Straße 191 D-33689 Bielefeld-Sennestadt Tel +49 (0) 5205 750163 Fax: +49 (0) 5205 750179 Email:mailto:rts@tweer.de Web:http://www.tweer.de Certificate No. MD00/1573/0007/5 Expiry date: 08/01/2020</p>	<p>Spheroidal Graphite</p>	<p>4.50</p>	<p>Hamburg</p>
<p>SACHSEN GUSS GmbH</p> <p>Obere Hauptstraße 228-230 D-09228 Chemnitz/Wittgensdorf Tel: +49 3722 64 3321 Fax: +49 3722 94 138 Email: mike.apitzsch@siemens.com Web: http://www.flender-guss.de Certificate No. MD00/0498/0008/5 Expiry date: 25/03/2019</p>	<p>Grey Spheroidal Graphite</p>	<p>30.00 30.00</p>	<p>Hamburg</p>
<p>SCHONLAU-WERKE</p> <p>Maschinenfabrik und Eisengießerei GmbH & Co. KG Ernst-von-Bayern-Straße 22 D-59590 Geseke Tel +49 2942 507466 Fax +49 2942 50511 Email:mailto:essrs@schonlau-werke.de Web:http://www.schonlau-werke.de Including S.G. iron crankshafts Certificate #: MD00/1325/0006/5 Expiry date: 03/05/2017</p>	<p>Grey Spheroidal Graphite</p>	<p>4.00 4.00</p>	<p>Hamburg</p>
<p>SHW CASTING TECHNOLOGIES GmbH & Co. KG</p> <p>Werk Wasseralfingen Stiewingstraße 101 D073433 Aalen Tel: +49 7361 370 2311 Fax: +49 7361 370 4311 Email: mailto:juergen.schlotterer@shw-ct.de Web: http://www.shw-ct.de Including S.G. iron crankshafts Certificate #: MD00/1328/0010/5 Expiry date: 18/02/2020</p>	<p>Grey Spheroidal Graphite</p>	<p>85.00 85.00</p>	<p>Hamburg</p>

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Name and Address	Grade	Max Weight Tonnes	Office
SHW CASTING TECHNOLOGIES GmbH & Co. KG Königsbronn D073433 Arlen Tel No: +49 7328 83152 Fax no:+49 7328 83418 Email: hd.zimmermann@shw-ct.de Web: www.shw-ct.de Certificate No MD00/3966/0002/5 Expiry date 21/12/2017	Grey	120.00	Hamburg
	Spheroidal Graphite	120.00	
SIEMPELKAMP GIESSEREI GmbH Siempelkampstraße 45 D-47803 Krefeld Tel:+49 (0)2151 894-314 Fax: +49 (0)2151 894-461 http://www.siempelkamp.com Certificate #: MD00/1377/0007/5 Expiry date: 31/10/2019 Email: mailto:arndt.merten@siempelkamp.com Web	Grey	250.00	Hamburg
	Spheroidal Graphite	250.00	
SILBITZ GUSS GmbH Dr. - Maruschky- Straße 2 D-07613 Silbitz/Thüringen Tel: +49 (0)3 6693 80-250 Fax: +49 (0)3 6693 80251 Email: jfriede@silbitz-guss.de Web: http://www.silbitz-guss.de Certificate #: MD00/1382/0008/5 Expiry date: 29/08/2017	Grey	1.50	Hamburg
	Spheroidal Graphite	10.00	
	Compacted Graphite	3.50	
SLR GIESSEREI St. LEON-ROT GmbH Am Bahnhof 16 68789 St. Leon-Rot Tel +49 6227 527-160 Email: f.schuppener@slr.de web: http://www.slr-gruppe.de Certificate #: MD00/1266/0007/5 Expiry date: 15/03/2018	Spheroidal Graphite	0.60	Hamburg
SPEZIALGUSS WETZLAR GmbH Sophienstraße 52-54 D-35576 Wetzlar Tel: +49 (0)46441 492474 Fax: +49 (0)6441 491592 Email: armin.reinhardt@spezialguss.com web: http://www.spezialguss.com Certificate No. MD00/3678/0003/5 Expiry date: 16/08/2017	Spheroidal Graphite	65.00	Hamburg
STAHLGUSS DESSAU GmbH Kabelweg 43 D-06842 Dessau-Roßlau Tel: +49 340 832 347 Fax: +49 340 832 313 Email: mailto:j.faber@sg-dessau.de Web: www.aadag.de Certificate No. MD00/1416/0006/5 Expiry date: 30/10/2016	Grey	5.00	Hamburg
	Spheroidal Graphite	5.00	
Schmiedeberger Gießerei GmbH Altenberger Straße 59a D-01744 Dippoldiswalde Tel: +49 (0) 350 52 21 334 Fax: +49 (0) 350 52 65 315 EMail mailto:kappelt@schmie-guss.de Web page http://www.schmie-guss.de Certificate #: MD00/2322/0007/5 Expiry date: 21/04/2020	Grey	0.11	Hamburg
	Spheroidal Graphite	0.11	
	Malleable*	0.03	
TECHNOGUSS GmbH Rudi-Arndt-Straße 15 39517 Tangerhütte Tel: +49 3935 940250 Fax: +49 3935 94 02 04 Email: info@technoguss.de Web: www.technoguss.de Certificate #: MD00/2264/0009/5 Expiry date: 01/10/2019	Grey	8.00	Hamburg
	Spheroidal Graphite	8.00	
TEUTOGUSS GmbH Friedrich-Wilhelm Straße 39 D-48477 Hörstel-Gravenhorst Tel +49 (0)5459/9304-48 Fax +49 (0)5459/ 9304-45 Email: m.albers@teutoguss.de Web page http://www.teutoguss.de Certificate No. MD00/1078/0007/5 Expiry date: 10/05/2017	Grey	10.00	Hamburg
	Spheroidal Graphite	2.70	
TROMPETTER GUSS GmbH & Co KG St. Georgen- Strasse 14 D-95463 Bindlach Tel: +49 9208 689-30 Fax: +49 9208 689-11 Email: mailto:grupp@trompetter-guss.de Web: http://www.trompetter-guss.de Certificate Number: MD00/2104/0007/5 Expiry: 17/05/2018	Grey	0.25	Hamburg
	Spheroidal Graphite	0.25	

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WALZENGIESSEREI COSWIG GmbH	Grey	15.00	Hamburg
Grenzstraße 1 D-01640 Coswig Tel: +49 (0) 3523 95 256 Fax: +49 (0) 3523 95 225 Email: mailto:haraldfroehlich@walze-coswig.de Web: http://www.walze-coswig.de Certificate Number: MD00/1968/0008/5 Expiry date: 25/02/2018	Spheroidal Graphite	15.00	

India

AKP FERROCAST PVT. LTD 663, Waghvade Road Machhe Belgaum-590 012 Karnataka Tel: +91 831 292 2311 Fax: +91 831 244 1275 email: parag@akpferrocast.com web: www.akpferrocast.com Certificate No.: MD00/3963/0002/5 Expiry Date: 12/12/2017	Spheroidal Graphite	0.10	Mumbai
BRIGHT FOUNDRIES COIMBATORE PVT., LTD. S/F No. 281/ 1 & 2, Kattampatti Village, Sathi Road, Ganeshapuram, Coimbatore - 641 107 Tamil Nadu Tel No: +91 99 44413654 Fax +91 0422 251 3582 Email: brightcast@gmail.com Web: www.brightfoundries.com Certificate no: MD00/4350/0001/5 Expiry Date 27/06/2017	Spheroidal Graphite	0.52	Chennai
COOPER CORPORATION PVT. LTD. L3/M60, Addl., MIDC, (Kodoli) Satara - 415004 Maharashtra Tel: +91 9923102848 Fax: +91 2162240271 Email narendra.lokhande@coopercorp.in Web http://www.coopercorp.in Certificate No. MD00/4365/0002/5 Expiry date: 23/07/2017	Grey Spheroidal Graphite	2.10 0.50	Mumbai
KUSALAVA INTERNATIONAL 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: mmsreddy@kusalav.com Web: http://www.kusalava.com The scope of approval is for individual centrifugally cast cylinder liners. Certificate Number: MD00/4049/0002/5 Expiry: 07/07/2018	Grey	0.06	Chennai
LAKSHMI MACHINE WORKS LIMITED Foundry Unit 2, Arasur, Coimbatore 641 407 Tel. :0422 3021300 and Fax: 0422 3021331 email: shenbagarajan.n@lmw.co.in web: lakshnimach.com Certificate No: MD00/4591/0001/5 Expiry Date: 05/07/2019	Grey Spheroidal Graphite	4.50 3.20	Chennai
NEOSYM INDUSTRY LIMITED Gat No. 201, Pune - Nagar Road, Sanaswadi, Taluka - Shirur District, Pune - 412 208, Maharashtra Tel. No. +91 2137 677200, Fax: +91 2137 677228 Email: pune@neosym.com / export.castings@neosym.com Website: www.neosym.com Certificate No: MD00/4529/0001/5 Expiry date. 25/11/2018	Grey	0.22	Mumbai
SIMPLEX CASTINGS LIMITED (Special Castings Division) Urla Industrial Estate, Raipur - 493 221 Tel: +91 771 2323483 Fax: +91 771 2323805 email: sclura@simplexcastings.com Certificate No. MD00/4303/0001/5 Expiry Date: 02/04/2017	Spheroidal Graphite	8.00	Mumbai

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VULKAN Technologies Pvt. Limited GAT No. 539B Village Kasar Amboli Pirangut Industrial Area, Tal-Mulashi Dist. Pune 412115, Maharashtra Tel: +91 20 6676 5530 Fax: +91 20 6676 5551 email prashant.patel@vulkanindia.com web: www.vulkanindia.com Certificate Number: MD00/3051/0001/5 Expiry: 19/01/2019	Spheroidal Graphite	0.20	Mumbai
Italy			
FONDERIA BOCCACCI S.p.A. via XXV Aprile,9 19020 Piana Battolla La Spezia Tel No: +39 187 930500 Fax No: +39 187 930504 Email: info@fonderiaboccacci.it Web: www.fonderiaboccacci.it Certificate No MD00/4123/0002/5 Expiry 06/02/2019 Heat treatment and mechanical testing sub contracted	Grey Spheroidal Graphite	13.30 13.30	Genoa
FONDERIA CARROCCIO S.p.A. Via G. Ferraris 53 20025 Legnano Milan Tel: +39 331 548 648 Fax: +39 331 595361648 Email: mailto:1946@fonderiacarroccio.191it Web: http://www.fonderiacarroccio.it Certificate No. MD00/2797/0006/5 Expiry date: 30/04/2019	Spheroidal Graphite	1.00	Milan
FONDERIA GETTI SPECIALI DI COLOMBO GIUSEPPE DI CARLO E FIGLI SPA via Monte Grappa 31, 20010 San Giorgio su Legnano, Tel: +39 033 1413221 Fax: +39 033 1401477 email: sales@fonderiacolombo.com web: fonderiacolombo.com Cert No: MD00/4400/0002/5 Expiry Date: 24/09/2019	Grey Spheroidal Graphite	12.00 12.00	Milan
FONDERIE MORA GAVARDO S.p.A. Via Giovanni Quarena, 207 25085 Gavardo (Brescia) Tel: +39 (0) 365 377711 Fax: +39 (0) 365 377607 Email: mailto:pcasella@morafonderie.it Web: http://www.camozzi-manufacturing.it Certificate No. MD00/0505/0007/5 Expiry date: 22/02/2018	Grey Spheroidal Graphite	80.00 80.00	Milan
Fonderia di Lonato s.r.l. Via Montebello 7/9 - 25017 LONATO DEL GARDA (BS) Tel: +030 9130164 Fax: +030 9913423 Email: info@fonderiadilonato.com Web: http://www.fonderiadilonato.com Approval is restricted to centrifugally cast cylinder liners for approved applications. Certificate Number: MD00/3664/0003/5 Expiry date: 18/08/2018	Grey	2.30	Milan
PILENGA BALDASSARRE FOUNDRY s.r.l Via Provinciale, 29 24040 Lallio (Bergamo) Tel: +39 035 062345 Fax: +39 035 062399 E-mail: c.maggioni@pbfoundry.it Certificate No. MD00/1908/0007/5 Expiry date: 29/09/2019	Grey Spheroidal Graphite	0.50 0.50	Milan
SCM Group S. p. A. FONDERIE Villa Verucchio Plant Via Del Tesoro, 141/145 47826 Villa Verucchio - RIMINI el: +39 0541 700531 Fax: +39 0541700289 E-mail: ordinifonderie@scmgroup.com Website: scmfonderie.com Certificate No. MD00/4095/0002/5 Expiry date: 24/11/2018	Spheroidal Graphite	1.50	Ravenna

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

Japan

AKASAKA DIESELS LIMITED 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. MD00/3527/0003/5 Expiry date: 05/08/2017	Grey Spheroidal Graphite	17.00 0.70	Yokohama
ASAGOE KOGYO CO., LTD. 120-28 Mitsu Takatsu Kita-ku, 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. MD00/2130/0007/5 Expiry date: 21/08/2018	Spheroidal Graphite	0.05	Kobe
DAIHATSU METAL Co., Ltd. Izumo Factory, No. 2400 Zinzaioki-machi Izumo-city Shimane-pref Tel: +81 853 43 2324 Fax: +81 853 43 9005 email: hiroshi-kotsugi@d-metal.co.jp Certificate No. MD00/0378/0007/5 Expiry date: 23/03/2018	Grey Spheroidal Graphite	30.00 30.00	Kobe
DAIWA HEAVY INDUSTRY CO., LTD. 1-21-23 Kabe Asakita-ku Hiroshima 731 0221 Tel. +81 82 814 2102 Fax +81 82 814 0844 Email: s-hinsyou@daiwajuko.co.jp Web: http://www.daiwajuko.co.jp Certificate No. MD00/4140//0002/5 Expiry:08/12/2018	Grey Spheroidal Graphite	45.00 33.00	Kobe
FUKUSHIMA STEEL WORKS CO., LTD. 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. MD00/2598/0006/5 Expiry date: 27/08/2017	Spheroidal Graphite	0.50	Yokohama
HARACHU CO., LTD.	Spheroidal Graphite	0.50	Yokohama

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<p>1213-1, 2 Chome Tachiyagawa Yamagata-shi Yamagata-ken 990-2251 Tel +81 236 86 4139 Fax +81 236 86 4424 Email:mailto:h-maruko@harachu.co.jp Web:http://www.harachu.co.jp Certificate No. MD00/2126/0007/5 Expiry date: 06/06/2018</p>			
<p>HATTORI INDUSTRY CO., LTD.</p> <p>2141-17, Otebaramichi, Shimabara-shi Nagasaki Tel No: +81 95 7163 4537 Fax No: +81 95 865 5240 Email: hashimoto@hattori-nagasaki.co.jp Web: www.hattori-nagasaki.co.jp Certificate No: MD00/4340/0001/5 Expiry Date 19/06/2014 Heat treatment not covered by the scope of approval</p>	<p>Grey Spheroidal Graphite</p>	<p>1.00 1.00</p>	<p>Nagasaki</p>
<p>HOKUEI TEKKO CO., LTD.</p> <p>89 Murakita, Shiroyama, Tsuruoka City, 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. MD00/3630/0003/5 Expiry date: 25/05/2017</p>	<p>Grey</p>	<p>0.60</p>	<p>Yokohama</p>
<p>HOYO CO., LTD.</p> <p>2542 Kaizu-cho Isahaya Nagasaki Pref. 854-0063 Tel: +82 (0) 957 26 6943 Fax: +81 957 26 9586 email: hoyo@jkaizu.or.jp web: www.k-hoyo.co.jp</p> <p>Certificate No. MD00/1578/0007/5 Expiry date: 20/08/2018</p>	<p>Grey Spheroidal Graphite</p>	<p>6.00 3.00</p>	<p>Nagasaki</p>
<p>IHI CORPORATION</p> <p>Aioi Casting Workshop 5292, Aioi-shi Hyogo 678-0041 Tel: +81 791 24 2702 Fax: +81 791 24 2692</p> <p>Certificate No. MD00/3031/0006/5 Expiry date: 16/01/2018</p>	<p>Grey Spheroidal Graphite</p>	<p>30.00 1.50</p>	<p>Kobe</p>
<p>KAWAGUCHI METAL INDUSTRIES CO., LTD.</p> <p>18-19, Miya-cho Kawaguchi-shi Saitama Pref. 332-8502 Tel +81 (0)48 259 1112 Fax +81 (0)48 255 1125 Email: h-matsumi@kawakinkk.co.jp Web: www.k-suzuki@kawakinkk.co.jp Certificate No. MD00/0831/0007/5 Expiry date: 19/06/2018</p>	<p>Spheroidal Graphite</p>	<p>0.40</p>	<p>Yokohama</p>
<p>KAWAGUCHI NAINENKI CASTINGS CO., LTD.</p> <p>3-8 Funagasaku Hirose Takine-machi, Tamura-shi, Fukushima pref., 963-3603 Tel No +81 247 78 3791 Fax +81 247 78 3789 Email: eigyo2@kawaguchi-e.co.jp Web: www.kawaguchi-e.co.jp Certificate no. MD00/4135/0002/5 Expiry Date 31/03/2019</p>	<p>Grey Compacted Graphite</p>	<p>2.50 1.17</p>	<p>Yokohama</p>
<p>KIMURA FOUNDRY CO., LTD.</p> <p>Gunma Factory 2092-5 Obara-cho Ota-shi Gunma-ken 379-2304 Tel: +81 277 786178 Fax: +81 277 786299 Email: sugie@kimuragr.co.jp Web: http://kimuragr.co.jp Certificate Number: MD00/3876/0003/5 Expiry date: 10/01/2020</p>	<p>Grey</p>	<p>7.00</p>	<p>Yokohama</p>

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Name and Address	Grade	Max Weight Tonnes	Office
KIMURA Foundry CO., LTD. Head Office & Factory 1157 Nagasawa Shimizu-cho, Sunto-gun Shizuoka-pref. 411-0905 Tel: +81 55 975 7052 Fax: +81 55 979 9917 Email: y.kobayashi@kimuragr.co.jp Web: http://www.kimuragr.co.jp Certificate No. MD00/2870/0007/5 Expiry date: 30/03/2020	Grey	5.00	Yokohama
KIMURA Foundry CO., LTD. Omaezaki Factory 1 Kadoya Omaezaki City, Shizuoka-pref. 437-1615 Tel: +81 55 975 7052 Fax: +81 55 975 9917 Email: y.kobayashi@kimuragr.com.jp Web: http://www.kimuragr.co.jp Certificate No. MD00/2871/0008/5 Expiry date: 30/03/2020	Grey Spheroidal Graphite	35.00 35.00	Yokohama
KYOWA FOUNDRY CO., LTD. 86,Kinzoku-Danchi, Kakamigahara-city, Gifu, 504-0957 Tel No: +81 583 82 2195 Fax No: + 81 583 82 2197 Email : youkaipro-1977@kyowa-chuzo.co.jp Website: www.kyowa-chuzo.co.jp Certificate No: MD00/4247/0001/5 Expiry Date 01/11/2016	Grey	0.71	Kobe
MATSUNAGA FOUNDRY CO., LTD. 50-4, Shiratake-cho Sasebo 857-1164 Tel: +81 956 31 8321 Fax: +81 956 31 8325 Email: mailto:matsunaga@biscuit.ocn.ne.jp Certificate No. MD00/1001/0007/5 Expiry date: 03/11/2017	Grey Spheroidal Graphite	6.00 6.00	Nagasaki
MAYEKAWA MFG. CO., LTD. HIGASHIHIROSHIMA FACTORY 2-3-40, Takayadai Higashihiroshima-City Hiroshima-pref., 739-2117 Tel: +81 82 491 1828 Fax: +81 82 491 1838 web: www.mayekawa.co.jp/ja/ Certificate No. MD00/4385/0001/5 Expiry date: 16/09/2017	Grey Spheroidal Graphite	0.30 0.25	Kobe
mitsubishi HEAVY IND. LTD. Kobe Shipyard & Machinery Works, 1, Minamifutami, Futami-cho, Akashi, Hyogo, TEL: +81 78 672 4340 FAX: +81 78 672 4335 email: mitsunobu_fujita@mhi.co.jp Web: http://www.mhi.co.jp Certificate No. MD00/4394/0001/5 Expiry date: 04/09/2017	Spheroidal Graphite	50.00	Kobe
MITSUI MEEHANITE METAL CO., LTD. Okazaki Works 111, Kaminogawa Oka-machi, Okazaki-shi Aichi-ken 444-0005 Tel: +81 564 55 3521 Fax: +81 564 55 0369 Email: f-okazaki@m-meehanite.co.jp Including S.G. iron crankshafts Certificate No. MD00/1037/0007/5 Expiry date: 09/05/2018	Spheroidal Graphite	10.00	Kobe
MITSUOKA FOUNDRY CO., LTD. 16, Fukuriki Tsuyama Okayama-Pref Tel: +81 868 26 0145 Fax: +81 868 26 5029 email: toshiro@mitsuoka.co.jp web: www.mitsuoka.co.jp Certificate No. MD00/2318/0007/5 Expiry date: 02/04/2020	Grey Spheroidal Graphite	1.10 2.00	Kobe

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OCHI FOUNDRY CO., LTD. 1016, Tanouwagata Tanbara-cho Saijo-shi Ehime 791-0522 Tel: +81 867 24 0141 Fax: +81 867 24 0171 E-mail to: tec@asagoe-net.co.jp Certificate No. MD00/4511/0001/5 Expiry date: 22/09/2018	Grey Spheroidal Graphite	5.00 5.00	Kobe
SAGA IMONO FOUNDRY CO., LTD. TAKAGISE-NISHI 6-4-2 Takagise-Nishi, Saga, 849-0921, Tel +81-952-31-3175 Fax +81-952-31-3178 Email: sagaimono@aiores.ocn.ne.jp Web: http://www.saga-genki.jp/?k=1540 Certificate No. MD00/4641/0001/5 Expiry date 13/12/2019	Spheroidal Graphite	0.20	Nagasaki
SAKABE KOGYO CO., LTD. 8, Mizuarai Nakabata Nishio-shi Aichi-ken Tel +81 563 59 8181 Fax +81 563 59 0774 Email: yuzo-sakuri@cast-sakabe.co.jp Web: http://www.sakabekogyo.jp/pc/ Certificate No. MD00/1290/0007/5 Expiry date 31/01/2020	Spheroidal Graphite	1.50	Kobe
SANUKI FOUNDRY CO., LTD. 1802, Higashi-Takashino Manno-cho Nakatado-gun Kagawa Pref. Tel: +81 877 73 4121 Fax: +81 877 73 2048 Email: mailto.yohyam@sanuki.ecnet.jp web : www.sanuki.ecnet.jp Certificate No. MD00/1305/0007/5 Expiry date: 16/05/2017	Grey Spheroidal Graphite	4.00 3.00	Kobe
SHINKO IND.LTD. Fuchu Works 2-1-1 Mokage Fuchu-cho Aki-gun Hiroshima 735 0029 Tel. +81 82 508 1016 Fax +81 82 508 1025 email: okinaga@shinkohiro.co.jp web: www.shinkohir.co.jp Certificate No. MD00/1363/0007/5 Expiry date: 18/09/2018	Grey Spheroidal Graphite	2.50 2.50	Kobe
SONE FOUNDRY Co. Ltd. 5-2-6, Umei Takasgo-city Hyogo, 676-0074 tel. no.: +81-79-448-0727; Fax. no.: +81-79-448-0790; email: mail-1@sone-foundry.co.jp; web page: http://www.sone-foundry.co.jp/ Certificate no.:MD00/4227/0002/5; Expiry date: 22/09/2019	Grey Spheroidal Graphite	3.80 3.12	Kobe
SUZAKI CASTING WORKS Co., Ltd., OSAKA FACTORY 4-26, Imafuku-Nishi 6-chome, Jyoto-ku Osaka Tel: +81 06 6931 5038 Fax: +81 06 6933 7546 Email: noriyoshi@suzaki-chutetsu.com Certificate No. MD00/4116/0002/5 Expiry date: 28/01/2019	Grey Spheroidal Graphite	0.47 0.47	Kobe
SUZUKI IRON FOUNDRY CO., LTD. 1-117, Asanishi Ohgaki-city Gifu-ken Tel: +81 584 89 4030 Fax: +81 584 89 4017 Email: mailto:susukich@plum.ocn.ne.jp Certificate No. MD00/2066/0007/5 Expiry date: 05/03/2018	Grey Spheroidal Graphite	0.50 0.50	Kobe
TAGUCHI FOUNDRY CO., LTD. 4-18-40 Senda-cho Fukuyama-city Hiroshima-Pref. 720-0017 Tel: +81 (0)84 955 1698 Fax: +81 (0)84 955 3735 Email: mailto:n-kita@tagu-foundry.co.jp Web: http://www.tagu-foundry.co.jp Certificate No. MD00/1478/0009/5 Expiry date: 09/01/2018	Grey Spheroidal Graphite	8.00 6.50	Kobe

List 5
Approved Manufacturers
of Iron Castings

Name and Address	Grade	Max Weight Tonnes	Office
TAKEMURA FOUNDRY Co., Ltd. 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	0.50	Yokohama
	Spheroidal Graphite	0.50	
THE HANSHIN DIESEL WORKS LTD. 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	15.00	Kobe
	Spheroidal Graphite	12.50	
THE JAPAN STEEL WORKS, LTD HIROSHIMA PLANT Nikko Techno Co., Ltd. 6-1, Funakoshi-minami, 1-chome, Aki-ku, Hiroshima-city, Hiroshima pref., 736-8602, Japan <i>Tel +81 82 822 3441 Fax +81 82 824 1513</i> <i>email: hiroschi-miyanmoto@jsw.co.jp web: www.jsw.co.jp</i> <i>Certificate No. MD00/4449/0001/5 Expiry date: 19/03/2018</i>	Spheroidal Graphite	4.00	Kobe
	Austenitic*	4.00	
TOA KOKI Co., Ltd. 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	14.00	Nagasaki
	Spheroidal Graphite	14.00	
TOBATA IRON WORKS CO., LTD. 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	12.00	Nagasaki
	Spheroidal Graphite	12.00	
TOHYAMA IRON WORKS CO., LTD. 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
TOMINAGA CO., LTD. 3981-5, Nunoshida Kochi City Kochi Pref. 781-5101 <i>Tel: +81 888 451122 Fax: +81 888 450800</i> <i>Emails: masaya.h@ftm-tominaga.co.jp</i> <i>Web: http://www.ftm-tominaga.co.jp</i> <i>Approval does not include the heat treatment of castings.</i> <i>Certificate No. MD00/1552/0006/5 Expiry date: 06/08/2016</i>	Grey	1.00	Kobe
	Spheroidal Graphite	1.00	

List 5
Approved Manufacturers
of Iron Castings

Name and Address	Grade	Max Weight Tonnes	Office
UBE STEEL CO., LTD. 1978-19, Okinoyama Kogushi Ube City Yamaguchi Pref. 755-0067 <i>Tel +81 (0)836 35 1328 Fax +81 (0)836 35 1332</i> <i>E-mail: 34683ubs@ub-ind.co.jp</i> <i>Website: www.ube-ind.co.jp/ubs</i> <i>Certificate No. MD00/1577/0006/5 Expiry date: 22/12/2015</i>	Grey	80.00	Nagasaki
	Spheroidal Graphite	80.00	
YANMAR CASTING TECHNOLOGY CO., LTD. Matsue Division 960, Yahata-cho Matsue-city Shimane-ken <i>Tel: +81 852 37 2288 Fax: +81 852 37 2034</i> <i>tsutomu_seri@yanmar.co.jp</i> <i>Certificate No. MD00/1000/0008/5 Expiry date: 18/09/2017</i>	Grey	13.00	Kobe
	Spheroidal Graphite	3.50	
YASUDA KOGYO CO, LTD. Sayo Factory 620-2, Yokosaka Hirano-ue Sayo-cho Hyogo-PREF <i>Tel: +81 790 82 0495 Fax: +81 790 82 0605</i> <i>email: nadatani@yasuda-kogyo.co.jp web: www.yasuda-kogyo.co.jp</i> <i>Certificate No. MD00/1689/0007/5 Expiry date: 10/03/2020</i>	Spheroidal Graphite	0.13	Kobe

Kingdom of Saudi Arabia

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

Korea

BOKWANG METAL CO., LTD 52 Yangdongnonggongdanji-gil Hanam-eup Miryang-si Gyeongsangnam-do <i>Tel: +82 (0)55 391 1603 Fax: +82 (0)55 391 1609</i> <i>email: bokwang1603@hanmail.net Contact: Mr Cha-Kweun Bae</i> <i>Certificate No. MD00/2791/0005/5 Expiry date: 29/10/2015</i>	Spheroidal Graphite	2.00	Busan Port
BUKUK METAL Co., Ltd. 25, Namui-ro, Jinhae-gu, Changwon-si, Gyeongsangnam-do, <i>Tel: +82 (0)55 551 8400 Fax: +82 (0)55 551 8405</i> <i>email: bk3401@Kornet.net</i> <i>Certificate No. MD00/2966/0006/5 Expiry date: 02/04/2018</i>	Grey	0.02	Jinhae
	Spheroidal Graphite	0.15	
	Compacted Graphite	0.01	
CAPE INDUSTRIES LTD 1303, Yangsan-daero Sangbuk-myeon, Yangsan-si Gyeongsangnam-do <i>Tel: +82 55 370 1234 Fax: +82 55 370 1229</i> <i>email: zerodeflect@cape.co.kr web: www.capeind.com</i> <i>Certificate No. MD00/3862/0004/5 Expiry date: 04/12/2019</i>	Grey	13.00	Busan Port

List 5
Approved Manufacturers
of Iron Castings

Name and Address	Grade	Max Weight Tonnes	Office
CASCO CO., LTD. 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	65.00	Mokpo
	Spheroidal Graphite	59.45	
CASKOD. Co., Ltd. 489, Injung-ro, Dong-Gu, Incheon Tel: +82 32 211 2831 Fax: +82 32 211 2797 email: kwlee@caskod.com web: www.caskod.com Certificate No. MD00/3663/0003/5 Expiry date: 15/08/2018	Grey	0.43	Seoul
CASKOD. Co., Ltd. 190-7, Galsan-ri, Wolgot-myeon, Gimpo-si, Gyeonggi-do, Tel: +82 31 982 3601 Fax: +82 31 985 7905 email jhlee@caskod.com Certificate No: MD00/4336/001/5 Expiry Date: 10/06/2017	Grey	0.10	Seoul
DAEDONG METALS CO., LTD. #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	0.18	Changwon
	Spheroidal Graphite	0.22	
DAEHAN SPECIAL METAL CO., LTD. 10-30, Dasansandan 2-gil Dasan-myeon Goryeong-gun, Gyeongsangbuk-do Tel: +82 54 954 9192 Fax: +82 54 954 6269 Email: sjchoi@edaehan.co.kr Web: http://www.edaehan.co.kr Certificate No. MD00/2324/0007/5 Expiry date: 04/04/2020	Grey	7.00	Ulsan
	Spheroidal Graphite	7.00	
DAEJOONG CO., LTD. 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	15.00	Changwon
	Spheroidal Graphite	15.00	
DAEJOONG CO., LTD. No. 2 Foundry 33, Dasanandan 3-gil, Dasan-myeon, Goryeong-gun, Gyeongsangbuk-do. Tel: +82 54 954 8881 Fax: +82 54 954 8884 Email: lks7385@nate.com Contact: Kyeong-Seok Lee www.daejoong.co.kr Certificate No. MD00/3467/0004/5 Expiry date: 29/04/2017	Grey	27.50	Changwon
DAEKYUNG CASTING CO., LTD. 1482 Songgok-Ri Dasan-Myeon Goryeong-Gun Gyeongbuk Tel: +82 54 954 1455/1456/1457 Fax: +82 54 954 1452 email: dhc1482@daum.net Certificate No. MD00/3307/0004/5 Expiry date: 21/01/2019	Grey	4.00	Changwon
	Spheroidal Graphite	2.50	
DAV METAL Co., Ltd. 61, Myeongje-ro Jinhae-gu Changwon-si, Gyeongsangnam-do Tel: +82 (0)55 545 2430 Fax: +82 (0)55 546 2888 Mob: +82 (0)10 2372 6353 email: tysmc@naver.com Certificate No. MD00/2196/0007/5 Expiry date: 03/03/2019	Spheroidal Graphite	1.00	Jinhae

List 5
Approved Manufacturers
of Iron Castings

Name and Address	Grade	Max Weight Tonnes	Office
DIOTEK Co.,Ltd. 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	5.00	Ulsan
	Spheroidal Graphite	5.00	
DONG BANG METAL CO., LTD. #725 Sang-ri, Nongong-eup Dalseong-gun Daegu <i>Tel: +0082 53 616 1346 Fax: +0082 53 616 1348</i> <i>Email:</i> <i>Web:</i> <i>Certificate No. MD00/4469/0001/5 Expiry date: 16/04/2018</i>	Spheroidal Graphite	0.16	Changwon
DONG CHANG CASTING CO. #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	1.50	Busan Port
	Spheroidal Graphite	1.50	
DONG KWANG FOUNDRY Co., Ltd. #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	1.20	Busan Port
	Spheroidal Graphite	0.65	
DONGHEE CO. LTD 1794 Songgok-Ri Dasan-Myeon Goryeong-Gun Gyeongbuk <i>Tel: +82 (0) 54 954 0461 Fax: +82 (0) 54 954 0464 Email: donghee3773@hanmail.net</i> <i>Certificate Number: MD00/3566/0003/5 Expiry: 10/02/2018</i>	Grey	1.12	Changwon
	Spheroidal Graphite	1.50	
HAN HWANG IND. CO., LTD. 28, Namui-ro, 43 beon-gil, Jinhae-gu, Changwon-si, Gyeongsangnam <i>Tel: +82 55 548 0751 Fax: +82 55 551 6781 Mail to: hh@hanhwang.co.kr</i> <i>Certificate No. MD00/1784/0007/5 Expiry date: 21/02/2018</i>	Grey	2.00	Changwon
	Spheroidal Graphite	2.00	
HAN JEON METAL CO LTD, 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	
HAN SUNG METAL CO. 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: MD00/3036/0005/5 Expiry: 08/01/2019</i>	Spheroidal Graphite	1.00	Busan Port
HANKOOK KIJUN METAL CO. LTD.,	Grey	15.00	Seoul
	Spheroidal Graphite	10.00	

List 5
Approved Manufacturers
of Iron Castings

Name and Address	Grade	Max Weight Tonnes	Office
(Yangchon-eup), 281, Hwanggeum-ro, 23beon-gil, Gimpo-si Gyeonggi-do Tel No. +82 31 996 1811/2 Fax No. +82 31 996 1813 Email: sung2588@hanmail.net Web: www.hkkjmetal.com Certificate No MD00/4041/0002/5 Expiry Date 23/06/2018			
HEE WON METAL CO., LTD. 45, Nakdong-dearo 988 beon-gil Sasang-gu Busan Tel: +82 51 317 4598 Fax: +82 51 323 9150 Email: heewonmetal@daum.net The scope of approval includes for the stress relieving heat treatment of castings only. Certificate No. MD00/2911/0005/5 Expiry date: 16/08/2017	Grey Spheroidal Graphite	3.50 2.00	Busan Port
HWA SUNG METAL INDUSTRIAL CO. 13, namui-ro 43 beon-gil Jinhae-gu Changwon-si Gyeongsangnam-do Tel: +82 (0)55 551 9123 Fax: +82 (0)55 551 9128 Email mailto:hsmetal@hscast.co.kr Certificate No. MD00/3236/0004/5 Expiry date: 02/04/2018	Grey Spheroidal Graphite	11.00 11.00	Jinhae
HYUNDAI HEAVY INDUSTRIES CO LTD Engine & Machinery Division 1000, Bangeojinsunhwando-ro Dong-ku Ulsan Tel: +82 52 230 7661 Fax: +82 52 230 7691 EMail mailto: crson@hhi.co.kr Web site http://www.hhi.co.kr Certificate No. MD00/0733/0008/5 Expiry date: 20/05/2017	Grey Spheroidal Graphite	48.00 34.00	Ulsan
JINSEONG LINER CO., LTD. 63, Pyoungchon-1 gil, Daedeok-gu, Daejeon, Tel: +82 42 931 8558 Fax: +82 42 931 3116 email: ljinseong@naver.com Certificate No: MD00/4598/0001/5 Expiry Date: 17/07/2019	Spheroidal Graphite	0.07	Seoul
JINYOUNG CASTING CO. 2274 Hak Jang-Dong Sa Sang-Gu Busan Tel: +82 51 313 4316 Fax: +82 51 326 4316 Email: jyc4316@hanmail.com Certificate No. MD00/3322/0005/5 Expiry date: 05/03/2019	Grey Spheroidal Graphite	3.50 3.50	Busan Port
JOONG ANG METAL CO., LTD. 79, Dasansandan 3-gil, Dasan-myeon Goryeong-gun Gyeongsangbuk-do Tel +82 (0)54 956 5501 Fax +82 (0)54 956 5510 Certificate No. MD00/3960/0003//5 Expiry date: 10/10/2017	Grey Spheroidal Graphite	12.00 7.00	Changwon
JOONG-ANG CAST IRON CO., LTD. 1505, Songgok-Ri Dasan-Myun Koryong-Gun Kyungbuk Tel: +82 54 955 1130 Fax: +82 54 954 0034 Email: jacaron1@naver.com Certificate Number: MD00/2760/0007/5 Expiry: 09/11/2018	Grey Spheroidal Graphite	2.00 2.00	Changwon
KWANG HEE CO. LTD. 381-75, Kyoungseo-Dong Seo-Gu Inchon Tel: +82 32 561 8997-9 Fax: +82 32 561 4719 Email: meltpour12@daum.net Web: http://www.khcasting.co.kr Certificate Number: MD00/2223/0009/5 Expiry: 22/06/2019	Grey	13.00	Seoul

List 5
Approved Manufacturers
of Iron Castings

Name and Address	Grade	Max Weight Tonnes	Office
KYOUNG NAM Co., Ltd. (Hwanggye-dong) 393, Tae-an-ro Hwaseong-si Gyeonggi-do Tel: +82 (031) 232 3034 Fax: +82 (031) 232 6568 Email: kyoung30@chollian.net Certificate No. MD00/2957/0005/5 Expiry date: 06/03/2018	Grey	15.00	Seoul
	Spheroidal Graphite	13.00	
MA CHUN CAST CO., LTD., 35, Namui-ro 43beon-gil Jinhae-gu Chang-won-Si Gyeongsangnam-Do Tel no: +82 55 552 3522 Fax No: +82 55 552 3523 Email: machun3522@yahoo.co.kr Certificate No MD00/3939/0002/5 Expiry date 21/08/2017	Grey	1.00	Busan Port
	Spheroidal Graphite	1.00	
MIDAS CO., LTD 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	5.00	Changwon
	Spheroidal Graphite	5.00	
PAL-MI METAL IND. CO. LTD. 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	0.27	Jinhae
	Spheroidal Graphite	0.27	
S & T DYNAMICS CO., LTD. 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	18.00	Changwon
	Spheroidal Graphite	10.00	
SAMCHULLY METAL CO., LTD 431, Yeonamnyulgeum-ro, Seonghwan-eup, Seobuk-gu, Chonan-si, Chuncheon-gnam-do. Tel: +82 41 582 1231 Fax: +82 41 582 1340 Email: mailto: yssong@smetal.co.kr http://www.smetal.co.uk Certificate No. MD00/1991/0008/5 Expiry date: 08/06/2017	Grey	8.00	Seoul
	Spheroidal Graphite	3.00	
SAMYOUNG GTM Co. 24-21 Gayagongdan-gil Gayagok-Myeon, Nonsan-Si, Chungcheongnam-do Tel: +82 41 740 5345 Fax: +82 41 741 4197 Email mailto: ksat350@sym.co.kr Web: http://www.sym.co.kr Certificate No. MD00/3017/0005/5 Expiry date: 02/11/2018	Grey	16.50	Seoul
	Spheroidal Graphite	16.50	
SEHWA CO., LTD 41, Dasansandan 3-gil Dasan-myun Goryeong-gun Gyeongbuk-do Tel No : +82 54 954 0021 Fax no : +82 54 954 0031 Email: sheng@sheng2001.com Certificate No: MD00/4110/0003/5 Expiry Date 10/01/2019	Grey	3.00	Changwon
	Spheroidal Graphite	5.00	
SHIN HAN METAL CO., LTD. 67, Namui-ro, Jinhae-gu Changwon-Si Gyeongnam Tel +82 (0)55 551 6268 Fax +82 (0)55 551 0393 Mobile: +82 (0)10.2807.8965 Email:mailto:shinhan@naver.com Certificate Number: MD00/2740/0007/5 Expiry: 12/07/2018	Grey	1.80	Jinhae
	Spheroidal Graphite	1.80	

List 5
Approved Manufacturers
of Iron Castings

Name and Address	Grade	Max Weight Tonnes	Office
STX HEAVY INDUSTRIES CO., LTD. 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. MD00/1413/0008/5 Expiry date: 05/08/2017	Grey Spheroidal Graphite	35.00 35.00	Changwon
SUNG HO METAL CO., LTD. 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
TAE BAEK CAST IRON CO., LTD. Dasan-Myun Goryung-Gun Kyungsangbuk-do Tel: +82 (0)54 956 3090 Fax: +82 (0)54 956 3095 Email: mailto:tbcast@naver.com Certificate No. MD00/3304/0004/5 Expiry date: 06/01/2019	Grey Spheroidal Graphite	5.00 5.00	Changwon
TECH-YOUNG IRON CONCAST INC. (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: MD00/3950/0002/5 Expiry date: 18/09/2017 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.	Grey Spheroidal Graphite	1.20 1.20	Seoul
TSP CO., LTD. (Yangsan Shop) 13, Yusangongdan 5-gil Yangsan City Kyungnam Tel: +82 55 362 6680 Fax: +82 55 362 6683 Email: daeshin6@chol.com Web: http://www.daeshineng.com Certificate Number: MD00/3643/0007/5 Expiry date: 22/01/2018	Grey Spheroidal Graphite	18.00 1.33	Busan Port
WOUIL FOUNDRY CO. 47, Namui-ro, Jinhae-gu Changwon-si Gyeongsangnam Tel: +82 (0)55 547 6001 Fax: +82 (0)55 547 6665 Email: woouilfoundry@hanmail.net Certificate No. MD00/2950/0006/5 Expiry date: 01/02/2018	Spheroidal Graphite	2.00	Changwon
WOOKIL METAL CO. 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 wookilm1@naver.com Certificate No. MD00/3211/0005/5 Expiry date: 01/01/2018	Grey Spheroidal Graphite	4.00 4.00	Busan Port
WOOSUNG METAL CO., LTD. 70-51, Sanggung1-gil Godeok-myun, Yesan-gun Chungnam Tel: +32 837 5568 Fax: +32 837 5569 Email: wsgs1@hanmail.net Web http://www.woosung-hitech.com Certificate No. MD00/4571/0001/5 Expiry date: 26/04/2019	Grey Spheroidal Graphite	22.00 22.00	Seoul

List 5
Approved Manufacturers
of Iron Castings

Name and Address	Grade	Max Weight Tonnes	Office
YONG JIN Co., Ltd. 1767, SONGGOK-RI, DASAN-MYUN, GORYONG-GUN, GYEONG BUK, Tel: +82 054 956 6133 Fax: +82 054 956 6137 email: di8412@naver.com Certificate: MD00/3670/0003/5 Expiry date: 25/09/2018	Grey Spheroidal Graphite	1.80 0.84	Changwon
YOOSUNG ENTERPRISE CO., LTD. 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. MD00/3567/0003/5 Expiry date: 15/12/2017	Grey	0.35	Seoul
YOUNG JIN CAST METAL Co. 43-15, 12-Beongil of Noksansandan 381-Ro, Kangseo-Gu, Busan Tel: +82 (0)51 831 0455 Fax:+82 (0)51 831 0457 email: yjcckr@nate.com Certificate No. MD00/2897/0005/5 Expiry date: 12/06/2017	Spheroidal Graphite	0.70	Busan Port
YOUNG NAM IRON CASTING IND. CO., LTD. #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

SPERRE BALTIC LTD 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: http://www.sperre.com Certificate No: MD00/4326/0001/5 Expiry date 28/05/2017	Grey Spheroidal Graphite	0.10 0.10	Riga
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Mexico

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

**List 5
Approved Manufacturers
of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
Norway			
BERGEN ENGINES AS	Grey Spheroidal Graphite	15.00 15.00	Bergen
<p>Att:Foundry Postboks 329 Sentrum 5804 BERGEN Tel: +47 55 53 65 00 Fax: +47 55 53 65 05 Email: mailto:preslava.hristova-ulveseth@rolls-royce.com Web: http://www.rolls-royce.com Certificate No. MD00/2174/0007/5 Expiry date: 13/10/2018</p>			
MANDAL CASTINGS AS	Grey Spheroidal Graphite	6.00 6.00	Oslo
<p>Støperiveien 13 N-4517 Mandal Tel: +47 38 27 8484 Fax: +47 38 27 8485 Email: post@mandalcastings.no Web http://www.mandalcastings.no The scope of approval includes for S.G.Iron crankshafts within the above maximum weight. Scope of approval does not include heat treatment. Certificate Number: MD00/0976/0010/5 Expiry: 17/08/2018</p>			
Poland			
MAHLE POLSKA Sp. z o.o.	Grey	1.50	Katowice
<p>Ul. Mahle 6 63-700 Krotoszyn Tel: +48 (0) 62 722 5173 Fax: +48 (0) 62 7252058 Email: adam.gosciniak@pl.mahle.com Web:http://www.pl.mahle.com The scope of approval is for casting made by centrifugal casting process only. Certificate No. MD00/1685/0008/5 Expiry date: 13/05/2017</p>			
MET-CHEM ZAKLADY METALOWO-CHEMICZNE	Spheroidal Graphite	0.45	Katowice
<p>HALINA SWIERCZEK ODLEWNIA ZELIWA W DEBNIE 32-852 Deбно 217, Tel: +48 14 665 88 93 or +48 14 625 70 98 email: kj.odlewnia@met-chem.eu; odlewnia@met-chem.eu web: www.met-chem.eu Certificate No: MD00/4277/0002/5 Expiry Date: 05/01/2020</p>			
ODLEWNIA ELZAMECH Sp. z o.o.	Spheroidal Graphite	10.00	Gdansk
<p>ul. Dolna 4a 82-300 Elblag Tel: +48 602 343 455 Fax: +48 552 325 955 email: elzamech@elzamech.com.pl web: www.elzamech.com.pl Certificate No. MD00/3436/0004/5 Expiry date: 27/02/2020</p>			
ODLEWNIA ZELIWA "SREM" S.A.	Grey Spheroidal Graphite	30.00 30.00	Gdansk
<p>Ul. Staszica 1 63-100 Srem Tel: +48 61 281 3807 Fax: +48 61 281 3115 Email: mailto:romanbartkowiak@oz-srem.com.pl Web:http://www.oz-srem.com.pl Certificate No. MD00/1702/0007/5 Expiry date: 09/12/2019</p>			
PIOMA-ODLEWNIA Sp. z o.o.	Grey	5.00	Katowice
<p>ul. R. Dmowskiego 38 97-300 Piotrków Trybunalski Tel: +48 44 6489 580 Fax: +48 44 648 97 39 Email: bpietrzek@pioma-odlewnia.com.pl Web http://www.pioma-odlewnia.com.pl Certificate No. MD00/2930/0005/5 Expiry date: 17/11/2017</p>			
PUCKIE ZAKLADY MECHANICZNE	Grey	0.30	Gdansk
<p>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: office@pzm-amex.pl Web page http://www.pzm-amex.pl Certificate No. MD00/2607/0007/5 Expiry date: 25/10/2017</p>			

**List 5
Approved Manufacturers
of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
SKB DRIVE TECH S.A. ul. Ignacego Krasickiego 63/71, 97-500 Radomsko, Tel: +48 44 682 06 00 Fax: +48 44 682 14 80 email: monika.janiec-mateja@skbdrivetech.pl web: www.skbdrivetech.pl Certificate No: MD00/4649/0001/5 Expiry Date: 09/01/2020	Grey	1.85	Katowice
	Spheroidal Graphite	2.36	
TEKSID IRON POLAND Sp. z o.o. ul. Cieszarowa 49 43-430 Skoczów Tel: +48 33 8538458 Fax: +48 33 8538434 Email: bozena.kuczera@teksid.com Web: http://www.teksid.com Certificate No. MD00/3458/0003/5 Expiry date: 15/04/2017	Spheroidal Graphite	0.03	Katowice
	Grey	0.16	Katowice
ZETKAMA Sp. z o. o. ul. 3 Maja 12 57-410 Scinawka Srednia Tel: +48 7486 52146 Fax: +48 7486 52101 Email: a.zagrodzka@zetkama.co.pl Web: http://www.zetkama.com.pl Certificate No. MD00/2947/0006/5 Expiry date: 25/01/2018	Spheroidal Graphite	0.16	Katowice
	Grey	0.16	

Portugal

DURITCAST, SA 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: duritcast@duritcast.pt Certificate No. MD00/3901/0003/5 Expiry date: 11/04/2017	Grey	0.80	Lisbon
	Spheroidal Graphite	0.80	

Slovenia

LITOSTROJ JEKLO d.o.o. (Litostroj Steel Ltd) Litostrojska 44 1000 Ljubljana Tel: +386 1 513 1205 Fax: +386 1 505 6696 email: foundry@litostroj.com web: www.litostroj.com Certificate No. MD00/2194/0007/5 Expiry date: 12/11/2018	Grey	25.00	Zagreb
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South Africa

ATLANTIS FOUNDRIES (PTY) LTD. 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
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Spain

FUNDICIONES GARBI S.A. Bº Muntsaratz, 33 Ctra. Abadiano-Elorrio P.O. Box 4 48220 Abadiano-Vizcaya Tel: +34 946215480 Fax: +34 946817386 Email mailto:garbi@fundicionesgarbi.es Web: http://www.fundicionesgarbi.es Certificate No. MD00/2962/0005/5 Expiry date: 29/03/2018	Grey	0.20	Bilbao
	Spheroidal Graphite	0.20	

List 5
Approved Manufacturers
of Iron Castings

Name and Address	Grade	Max Weight Tonnes	Office
FUNDICIONES REY S.L. Pol. Industrial de Rubianes 36600 Vilagarcía de Arousa Pontevedra Tel: +34 986 505814 Fax: +34 986 501451 Email mailto:calidad@fundicionesrey.com Web http://www.fundicionesrey.com Certificate No. MD00/2979/0005/5 Expiry date: 18/04/2018	Grey Spheroidal Graphite	2.00 2.00	Vigo
FUNDICIONES URBINA S.A. 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
FURESA S. Coop P.I. Santa Apolonia, 4 48215 Iurreta, Bizkaia Tel: +34 946 812 561 Fax: +34 946 812 559 email: produccion@furesa.com web: www.furesa.com Certificate Number: MD00/3722/0002/5 Expiry date: 19/12/2015	Spheroidal Graphite	0.32	Bilbao
NAVANTIA - U.P.MOTORES 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
OLAZABAL Y HUARTE S.A. 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
SAKANA, S. COOP. Zona Sarrarte Sin, 31830 Lakuntza, Navarra Tel: +34 948 576 000 Fax: +34 948 576 130 email: echoadeolza@sakano.coop web: www.sakana.coop Cert No: MD00/4448/0001/5 Expiry Date: 18/03/2018	Spheroidal Graphite	22.50	Bilbao
Sweden			
LAMMHULTS GJUTERI AB 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
STOREBROGJUTERIET AB 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
VALMET AB Axel Johnsons Väg 6 P.O. 1014 SE- 651 15 Karlstad Tel no: +46 54171000 Fax No: +46 54101760 Email: bo.lindqvist@valmet.com Web: www.valmet.com Certificate no: MD00/4337/0001/5 Expiry Date: 11/06/2017	Spheroidal Graphite	19.55	Gothenburg

**List 5
Approved Manufacturers
of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
Switzerland			
BENNINGER GUSS AG Fabrikstrasse CH-9240 Uzwil Tel: +41 (0)71 955 8800 Fax: +41 (0)71 955 8890 email: info@benningerguss.ch web http://www.benningerguss.ch Certificate No. MD00/2980/0005/5 Expiry date: 26/02/2018	Grey Spheroidal Graphite	5.00 5.00	Dortmund
NOTTARIS AG Bahnhofstrasse 2 CH-3414 Oberburg Tel: +41 (0) 34 427 07 07 Fax: +41 (0) 34 427 07 08 Email: mailto:info@nottaris.ch Web:http://www.nottaris.ch Certificate No. MD00/3220/0004/5 Expiry date: 03/03/2018	Grey Spheroidal Graphite	2.00 2.00	Hamburg
VONROLL CASTING (RONDEZ) SA CH-2800 Delémont tel: +41 32 421 77 11 fax: +41 32 421 77 75 email: info-rondez@vonroll-casting.ch web: www.vonroll-casting.ch Certificate No: MD00/4519/0001/5 Expiry Date: 19/10/2018	Grey Spheroidal Graphite	0.40 0.40	Dortmund
WOLFENBERGER AG Bäretswilerstrasse 45 CH-8494 Bauma Tel: +41 (0)52 396 1111 Fax: +41 (0)52 396 1511 Email: wag@wolfenberger.ch Web http://www.wolfenberger.ch Certificate No. MD00/2967/0005/5 Expiry date: 17/04/2018 <i>Approved for Austenitic Engineering and Special Purpose grade flake and ductile irons</i>	Grey Spheroidal Graphite	0.80 0.80	Dortmund
Taiwan, Republic of China			
CHINA STEEL MACHINERY CORPORATION 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
TAIWAN SHUN HSING INDUSTRIAL CO., LTD. 339, Kee King 1st Road Keelung 204 Tel: +886 2 243 12126 Fax: +886 2 243 21584 email: shun.hsingtw@msa.hinet.net web: www.twn-shunhsing.com.tw Certificate No. MD00/1373/0008/5 Expiry date: 26/01/2018	Grey Spheroidal Graphite	2.50 2.50	Taipei
Thailand			
AYUTTHAYA METAL Co LTD 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
THAI DUCTILE INDUSTRY CO., LTD.	Spheroidal Graphite	0.30	Bangkok

List 5
Approved Manufacturers
of Iron Castings

Name and Address	Grade	Max Weight Tonnes	Office
82/1 Moo 8 Petchkasem Rd. Tambol Aomyai Amphur Sampran Nakornpathom 73160 Tel: +66 02 8125950-8 Fax: +66 02 8125959 email: tdi@thaiductile.com web: www.thaiductile.com Certificate No. MD00/2739/0006/5 Expiry date: 24/09/2018			
THAI FIRST CASTING CO. LTD	Grey	2.00	Bangkok
28/2 Moo 5 Rama 2 Road, Phraeknamdaeng, Amphawa, Samutsongkhram. 75110 Tel: 034-7015903-3 Fax: 034-701594 E-mail: tfc@thaitfc.com & tcmkt@thaitfc.com	Spheroidal Graphite	3.10	
Certificate No: MD00/4506/0001/5 Expiry Date: 24/08/2018			

The Netherlands

COMPONENTA B.V.	Grey	2.00	Haren (Groningen)
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	Spheroidal Graphite	2.00	
COMPONENTA B.V.	Grey	0.30	Haren (Groningen)
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	Spheroidal Graphite	0.30	
GERAEDTS IJZERGIEETERIJ B.V.	Grey	6.00	Haren (Groningen)
Veldstraat 82 5991 AE Baarlo Tel: +31 (0)77 477 1660 Fax: +31(0)77 477 1619 email: info@geraedtsijzergieeterij.nl web: www.geraedtsijzergieeterij.nl Certificate No. MD00/3846/0002/5 Expiry date: 10/10/2016	Spheroidal Graphite	6.00	
Gieterij Borcherts B.V.	Spheroidal Graphite	2.50	Haren (Groningen)
Noorderstraat 370 Postbus 8 9610 AA Sappemeer Certificate No. MD00/3387/0004/5 Expiry date: 22/10/2019			
LOVINK TECHNOCAST B.V.	Spheroidal Graphite	5.00	Haren (Groningen)
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.			
SANDERS GEARS CASTINGS MACHINING	Grey	2.40	Haren (Groningen)
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: samders@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	Spheroidal Graphite	1.90	

List 5
Approved Manufacturers
of Iron Castings

Name and Address	Grade	Max Weight Tonnes	Office
VAN VOORDEN CASTING B.V. Bossekamp 6 5301 LZ Zaltbommel Tel: +31 (0)418 571200 Fax: +31 0418 515790 Email: mailto:info@vanvoorden.nl Certificate No. MD00/1621/0008/5 Expiry date: 23/05/2017	Spheroidal Graphite	15.00	Haren (Groningen)

Turkey

AKDAS - Casting Industry and Trade Co. Inc. Bati Hun Caddesi, No: 1, Organize Sanayi Bolgesi Sincan 06935 Ankara Tel: +90 312 267 1880 Fax: +90 312 267 1888 E - mail: akdas@akdas.com.tr Website: www.akdas.com.tr Certificate Number: MD00/3417/0003/5 Expiry date: 22/01/2017	Grey Spheroidal Graphite	18.00 18.00	Istanbul
AKDAS - Casting Industry and Trade Co. Inc. Oguz Cad No: 40 Organize Sanayi Bolgesi, Sincan, Tel: +90 312 267 18 80 Fax: +90 312 18 88 E-Mail: akdas@akdas.com.tr Website: www.akdas.com.tr Certificate No: MDOO/4680/0001/5 Expiry Date: 07/05/2020	Grey Spheroidal Graphite	18.00 26.20	Istanbul
ARDÖKSAN SFERO VE KALITELİ PİK DÖKÜM SANAYİ LTD.STİ. Kırklareli Organize Sanayi Sanayi Bölgesi, Kızılçikdere, Kırklareli, Tel No: +90 212 911 9898 Fax No:+90 212 873 00 49 Email ardoksan@ardoksan.com Web: www.ardoksan.com Certificate No: MD00/4168/0001/5 Expiry date 29/05/2016	Grey Spheroidal Graphite	0.35 0.35	Istanbul
ATİK METAL SANAYİ A.S. Kemal Nehrozoglu Caddesi No:1 Aliaga Organize Sanayi Bölgesi 35800-Aliaga Izmir Tel: +90 232 328 3510 Fax: +90 232 328 3518 Mobile: +90 232 559 3175 Email to: nilguntok@atikmetal.com.tr Web http://www.atikmetal.co.tr Certificate No.:MD00/3993/0002/5 Expiry Date: 21/02/2018	Grey Spheroidal Graphite	1.00 1.00	Istanbul
CEMAS DOKUM SANAYİ A.S. 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
DIKKAN METAL ÜRÜNLERİ SAN. VE TIC. A.S.	Grey Spheroidal Graphite	1.00 1.00	Istanbul

List 5
Approved Manufacturers
of Iron Castings

Name and Address	Grade	Max Weight Tonnes	Office
<p>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</p> <p>Certificate No. MD00/3424/0004/5 Expiry date: 09/02/2020</p>			
<p>DIRİNLER DÖKÜM SAN. TUR. LIMAN İŞL. VE TIC. A.Ş.</p> <p>A.O.S.B.10006 Sokak No. 57 Çiğli İZMİR Tel: +90 232 376 8787 Fax: +90 232 376 8567 Email E-mail: kalitesistem@dirinlerdokum.com Website: http://www.dirinlerdokum.com</p> <p>Certificate No. MD00/3295/0004/5 Expiry date: 14/12/2018</p>	Grey Spheroidal Graphite	9.00 9.00	Istanbul
<p>EKSTRAMETAL DÖKÜM İZABE VE MAK.SAN.İTH.İHR.TIC.LTD.ŞTİ.</p> <p>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</p> <p>Including SG iron crankshafts up to 66kgs</p>	Grey Spheroidal Graphite	0.74 0.74	Istanbul
<p>ERKUNT SANAYİ A.Ş.</p> <p>Foundry 1 Fatih Sultan Mehmet Bulvarı Bahçe kapi Mahallesi No.177, Etimesgut / Ankara Tel: +90 312 397 2500 Fax: +90 312 397 2507 email erkunt@erkunt.com.tr web: www.erkunt.com.tr</p> <p>Certificate No. MD00/3519/0003/5 Expiry date: 18/05/2017</p> <p>The scope of approval does not include for the heat treatment of castings.</p>	Grey Spheroidal Graphite	0.25 0.26	Istanbul
<p>ERKUNT SANAYİ A.Ş.</p> <p>Foundry 2 Sincan Organize Sanayi Bölgesi, Bati Hun Bulvarı Sincan, ANKARA Tel: +90 312 397 2500 Fax: +90 312 397 2507 email erkunt@erkunt.com.tr web www.erkunt.com.tr</p> <p>Certificate No. MD00/3520/0003/5 Expiry date: 18/05/2017</p> <p>The scope of approval does not include for the heat treatment of castings.</p>	Grey	0.10	Istanbul
<p>FEDERAL-MOGUL POWERTRAIN OTOMOTIV A.Ş.</p> <p>Hasanpaşa Mah. Segman Cad. No:14 Kırkpınar - Sapanca, Sakarya Tel: 0090 264 582 59 30 Fax: 0090 264 582 59 35 email: gokhan.eren@federalmogul.com web: www.federalmogul.com.tr</p> <p>Certificate No: MD00/3793/0003/5 Expiry date: 12/06/2019</p>	Grey	0.03	Istanbul
<p>HEKIMOĞLU DOKUM SAN. NAK. VE TIC. A.Ş.</p> <p>Erzurum Yolu 5.km. P.K. 61100 Trabzon Tel: +90 462 325 0025 Fax: +90 462 325 0072 Email: a.basar@hekimogludokum.com Website: http://www.hekimoglu.com.tr Certificate No. MD00/2972/0005/5 Expiry date: 02/03/2018</p>	Grey Spheroidal Graphite	1.00 1.00	Istanbul

List 5
Approved Manufacturers
of Iron Castings

Name and Address	Grade	Max Weight Tonnes	Office
ISTANBUL DOKUM SAN. TIC. LTD. STI. 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
KUTES MADENCILIK VE TIC. A.S. Hatip Mah. Bahar Yildizi Sok. No. 10 Çorlu, Tekirdag Tel: +90 282 651 9983 Fax: +90 282 652 5922 info@kutes.com.tr web: www.kuts.com.tr Certificate No. MD00/3928/0002/5 Expiry date: 28/06/2017	Grey Spheroidal Graphite	0.05 0.05	Istanbul
SILSAN SILINDIR ve MOTOR ELEMANLARI SAN. ve.TIC. A.S. 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
SUMER CELIK DOKUM SANAYI TICARET A.S. Yazibasi Torbalı 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

Ukraine

MOTORDETAL-KONOTOP 64 Vyrivska Street Konotop 41612 Sumska Region Tel: +38 (0)5447 2 25 03 Fax: +38 (0)5447 2 31 07 Email: administration@motordetal.com.ua Web: www.motordetal.com.ua Certificate No. MD00/2281/0006/5 Expiry date: 03/12/2016	Grey	1.30	Mykolaiv
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United Arab Emirates

GULF METAL FOUNDRY (LLC) # 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

BAS CASTINGS Ltd.	Grey Spheroidal Graphite	3.00 4.20	Birmingham
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**List 5
Approved Manufacturers
of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
<p>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</p> <p>Certificate No. MD00/1996/0008/5 Expiry date: 10/09/2017</p> <p>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.</p>			
CERDIC FOUNDRIES LTD	Grey	1.63	Southampton
	Spheroidal Graphite	3.00	
	Compacted Graphite	0.14	
<p>Beeching Close Chard Somerset TA20 1BB Tel: 01460 64301, Fax. No. 01460 63961 E-mail: david@cedricfoundries.co.uk</p> <p>Website: www.cedricfoundries.co.uk</p> <p>Certificate No: MDOC/4503/0001/5 Expiry Date: 26/08/2018</p>			
COUPE CASTINGS LIMITED	Grey	14.50	Birmingham
	Spheroidal Graphite	12.50	
<p>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</p>			
GEORGE TAYLOR & CO. (HAMILTON) LTD.	Grey	3.00	Glasgow
	Spheroidal Graphite	3.00	
<p>Kemp Street Hamilton Lanarkshire ML3 6PQ Tel +44 (0)1698 284949 Fax +44 (0)1698 824093 Email: mailto:office@gtham.co.uk Web:http://www.gtham.co.uk Including S.G. iron crankshafts Certificate No. MD00/1492/0007/5 Expiry date: 23/08/2017</p>			
JOSEPH & JESSE SIDDONS LTD.	Grey	1.00	Liverpool
	Spheroidal Graphite	0.80	
<p>Howard Street, Hill Top West Bromwich West Midlands B70 0TB Tel: +44 (0)121 556 0218 Fax: +44 (0)121 556 3843 Email: mailto:dean.millington@jssiddons.co.uk Certificate No. MD00/2256/0007/5 Expiry date: 05/10/2019</p>			
MICRON ALLOY CASTINGS	Spheroidal Graphite	0.63	Liverpool
<p>Platts Road Industrial Estate Amblecote Stourbridge West Midlands DYS 4YR Tel +44 (0)1384 393247 Fax: 01384 444860 email: stevemac@micronalloys.co.uk web: www.micronalloys.co.uk Certificate No. MD00/1845/0008/5 Expiry date: 17/06/2018</p>			
RUSSELL DUCTILE CASTINGS LTD.	Grey	1.20	Liverpool
	Spheroidal Graphite	1.70	
<p>Dawes Lane, Scunthorpe, North Lincolnshire, DN15 6UW, Tel: +44 1724 862152 Fax: +44 1724 280461</p> <p>Email: james.greaves@russellductile.co.uk</p> <p>Website: http://www.russellductile.co.uk</p> <p>Certificate Number: MD00/3859/0003/5 Expiry date: 09/11/2019</p> <p>Heat treatment sub - contracted</p>			
T.H.DICK & COMPANY LTD.	Grey	1.50	Liverpool
	Spheroidal Graphite	1.50	
<p>Cleveland Street Hull HU8 7BD Tel: +44(0) 1482 329652 Fax: +44(0)1482 589986 Email mailto:info@thdick.co.uk Web: http://www.thdick.co.uk Certificate Number: MD00/2992/0005/5 Expiry: 16/07/2018</p>			

**List 5
Approved Manufacturers
of Iron Castings**

Name and Address	Grade	Max Weight Tonnes	Office
United States of America			
ATI CASTING SERVICE			
300 Philadelphia St. La Porte IN 46350 Tel: +1 219 362 1000 Fax: +1 219 362 4413 email: larry.bergstrom@atimetals.com web: www.atimetals.com	Grey Spheroidal Graphite	10.00 10.00	Chicago
Certificate No. MD00/3433/0003/5 Expiry date: 25/02/2017			
CATERPILLAR Inc.			
8826 W. Route 24 Mapleton Illinois 61547 Tel: +1 309 633 8704 Fax: +1 309 633 8591 Email: Bowman_Andy@cat.com Web www.cat.com Certificate No. MD00/1903/0007/5 Expiry date: 07/09/2016	Grey	12.00	Chicago
GLIDEWELL SPECIALITIES FOUNDRY			
600 Foundry Road Calera Al 35040 Tel: +1-205-795-7332 Fax: +1-205-668-1972 Email: jhendrix@glidewell-foundry.com Web: http://www.glidewell-foundry.com Certificate Number: MD00/3746/0003/5 Expiry Date: 22/02/2019	Grey Spheroidal Graphite	6.10 6.10	New Orleans
GREDE HOLDINGS LLC			
Grede - Berlin 242 S. Paul Street, Berlin, WI 54923 Tel No: +1 920 361 2220 Fax No: +1 920 361 4017 Email bbehne@grede.com Web: Certificate No: MD00/4076/0001/5 Expiry Date: 06/09/2015 Approval limited to ductile iron crankshafts up to 50 kgs	Spheroidal Graphite	0.05	Chicago
LODI IRON WORKS INC			
LODI 820, S. Sacramento Street, PO Box 1150, Lodi, California 95241-1150 E-mail: kevin@lodiiron.com & sales@lodiiron.com Tel: + (209) 368 5395 Fax: + (209) 339 1453 Website: www.lodiiron.com Certificate No: MD00/4421/0001/5 Expiry Date: 05/02/2018	Grey Spheroidal Graphite	0.78 0.37	Seattle
MOTOR CASTINGS COMPANY			
1323, South 65th Street, Milwaukee (WI) 53214 Tel No: +1 414 476 1434 Email: bartellb@motorcastings.com Web www.motorcastings.com Certificate Npo: MD00/4120/0002/5 Expiry Date 31/01/2019	Grey Compacted Graphite	0.12 0.22	New York
NIBCO INCORPORATED			
4059, E. State Highway 18 Blytheville Arkansas 72315-6907 Tel: +1 870 763 7044 Fax: +1 870 763 1567 Email: mailto:goodwin@nibco.com Web: www.nibco.com Certificate No. MD00/1077/0007/5 Expiry date: 01/10/2017	Grey Spheroidal Graphite	0.35 0.35	New Orleans

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