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## List 2

### Approved Manufacturers of Steel Castings

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This list identifies foundries approved by Lloyd's Register Group Limited (LR) for the manufacture of steel castings in accordance with the requirements of LR's Rules for the Manufacture, Testing and Certification of Materials, Chapter 4.

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

carbon  
carbon-manganese  
alloy  
austenitic stainless  
martensitic stainless  
duplex stainless

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 2 Approved Manufacturers of Steel Castings

Name and Address	Category	Grade, Max Weight Tonnes	Office
<b>Austria</b>			
<b>MASCHINENFABRIK LIEZEN UND GIESSEREI GmbH</b>	Castings	carbon 0.15 carbon-manganese 0.15 alloy 0.15 austenitic stainless 0.15	<b>Vienna</b>
Werkstraße 5 A-8940 Liezen Tel: +43 3612 270 250 (250) Fax: +43 3612 270 592 Email: <a href="mailto:f.schmier@mfl.at">mailto:f.schmier@mfl.at</a> or <a href="mailto:f.bishof@mfl.at">f.bishof@mfl.at</a> Web: <a href="http://www.mfl.at">http://www.mfl.at</a> Certificate # MD00/0998/0008/2 Expiry date: 17/5/2018			
<b>VOESTALPINE GIESSEREI LINZ GmbH</b>	Castings	carbon 140.00 carbon-manganese 140.00 alloy 140.00 austenitic stainless 140.00	<b>Vienna</b>
Voestalpine - Straße 3 A-4020 Linz Tel: +43 50304 15 74822 Fax: +43 50304 55 74822 email: <a href="mailto:charlotte.krims@voestalpine.com">charlotte.krims@voestalpine.com</a> web: <a href="http://www.voestalpine.com/giesserei_linz">www.voestalpine.com/giesserei_linz</a> Certificate #: MD00/2634/0007/2 Expiry date: 16/07/2020			
<b>VOESTALPINE GIESSEREI TRAISEN GMBH.</b>	Castings	carbon 8.00 carbon-manganese 8.00 alloy 8.00 austenitic stainless 8.00	<b>Vienna</b>
Mariazellerstr. 75 A - 3160 Traisen Tel: +43/50304/13-0 Fax: +43/50304/53-350 email: <a href="mailto:andreas.a.denk@voestalpine.com">andreas.a.denk@voestalpine.com</a> Web: <a href="http://www.voestalpine.com/giesserei_traisen">www.voestalpine.com/giesserei_traisen</a> Certificate #: MD00/1615/0007/2 Expiry date: 06/02/2018			
<b>Belgium</b>			
<b>ALLARD EUROPE N.V.</b>	Castings	carbon 19.00 carbon-manganese 19.00 alloy 19.00 austenitic stainless 19.00	<b>Antwerp</b>
Veedijk 51 B-2300 Turnhout Tel: +32 14 44 54 68 E-mail: <a href="mailto:alwin.martens@allard-europe.com">alwin.martens@allard-europe.com</a> Website: <a href="http://www.allard-europe.com">www.allard-europe.com</a> Certificate No: MD00/1074/0008/2 Expiry date: 17/07/2020			
<b>Bulgaria</b>			
<b>CENTROMET JSC</b>	Castings	carbon 4.10 carbon-manganese 4.10 alloy 4.10 austenitic stainless 4.10	<b>Varna</b>
Vratza 3000 P.O.B. 25 Tel: +359 92 661 425 Fax: +359 92 661 397 email: <a href="mailto:mtg@mtgbg.com">mtg@mtgbg.com</a> web: <a href="http://www.centromet.mtgbg.com">www.centromet.mtgbg.com</a> Certificate #: MD00/0270/0007/2 Expiry date: 16/10/2019			
<b>METAKOM - SCW INVEST AD</b>	Castings	carbon 3.00 carbon-manganese 3.00	<b>Varna</b>
East Industrial Zone Grivishko Chaussee Str, 5800 Pleven Tel: +359 641 802156 E-mail: <a href="mailto:office@metakom-scw.com">office@metakom-scw.com</a> Website: <a href="http://www.metakom-scw.com">www.metakom-scw.com</a> Certificate No: MD00/4737/0001/2 Expiry Date: 06.12.2020			

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Name and Address	Category	Grade, Max Weight Tonnes	Office
<b>RADOMIR METAL INDUSTRIES JSC</b>	Castings	carbon carbon-manganese	<b>Sofia</b>
2400 Radomir, Tel: 359 77780489 Fax: 359 77782134 email: rmindustries@mbx.contact.bg web: radomir-metal-industries.com		25.00 25.00	

Certificate No: MD00/4386/0001/2 Expiry Date: 17/09/2017

### Canada

<b>ALLOY CASTING INDUSTRIES LIMITED</b>	Castings	carbon carbon-manganese alloy austenitic stainless duplex stainless	<b>Toronto</b>
374 Hamilton Road New Hamburg Ontario, N3A 2K2 Tel : +1 519 662 3111 Fax : +1 519 662 3481 E-Mail : sales@alloycasting.com Web : http://www.alloycasting.com		2.40 2.40 2.40 2.40 2.40	

Certificate# MD00/4615/0001/2 Expiry date: 25/09/2019

<b>CANADIAN SPECIALTY CASTING INC.</b>	Castings	carbon alloy austenitic stainless	<b>Toronto</b>
4248 Broughton Avenue, Niagara Falls, Ontario, L2E 3K6 Tel: +1 905 356 2655 Fax: +1 905 356 6760 email: paulineressler@cscastings.com Web: www.cscastings.com Certificate Number: MD00/2184/0005/2 Expiry: 14/12/2018		4.00 4.00 4.00	

<b>CENTURY PACIFIC FOUNDRY LTD</b>	Castings	carbon carbon-manganese	<b>Vancouver BC</b>
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		2.40 2.40	

Certificate #: MD00/4533/0001/2 Expiry date: 14/04/2018

### China, People's Republic of

<b>ANHUI YINGLIU GROUP HUOSHAN CASTING CO.,LTD</b>	Castings	carbon carbon-manganese alloy austenitic stainless	<b>Nanjing</b>
No.96 Pihe West Road Hengshan Town Huoshan County Anhui Province 237200 Tel No: +86 564 503 6518 Fax No: +86 564 503 6500 Email mailto:hanbing.yl@163.com Web http://www.yingliugroup.com Certificate #: MD00/3344/0004/2 Expiry date: 26/05/2019		10.00 10.00 10.00 10.00	

<b>CHANGSHU HONGQIAO CAST STEEL CO., LTD</b>	Castings	carbon carbon-manganese alloy	<b>Jiangyin</b>
Miaoquan Development Zone, Guli Town, Changshu City, Jiangsu Province, Tel: +86 (0)512 52373588 Fax: +86 (0)512 5237 8350 Email: cshqzg@aliyun.com Web: www.cshqzg.cn Certificate No.: MD00/4688/0001/2 Expiry date: 06/07/2020 Quench and Temper Heat treatment is subcontracted to Kunshan Yaoping Metal Heat Treatment Co., Ltd.		12.00 12.00 12.00	

<b>CHINA ERZHONG GROUP (DEYANG)</b>	Castings	carbon carbon-manganese alloy	<b>Wuhan</b>
HEAVY INDUSTRIES CO., LTD. 460#, Zhujiang Xi Road, Deyang, Sichuan Province Tel: +86 838 2341754 Fax: +86 838 2340690 Email: Gongjyang@163.com web: http://www.china-erzhong.com Certificate #: MD00/1334/0007/2 Expiry date: 19/11/2018 Approved for ingots in carbon , carbon manganese and alloy steels up to 315 Tonnes		315.00 315.00 315.00	

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Name and Address	Category	Grade, Max Weight Tonnes	Office
<b>CHINA FIRST HEAVY INDUSTRIES</b>	Castings	carbon carbon-manganese 190.00 190.00	<b>Dalian</b>
Fularji District Qiqihar City Heilongjiang Province Tel: +86 452 681 1689 Fax: +86 452 681 1168 Email: .jfc172@tom.com Web: www.cfhi.com Certificate #: MD00/3186/0006/2 Expiry date: 03/09/2020			
<b>CHONGQING XINYE MARINE CASTING CO., LTD.</b>	Castings	carbon carbon-manganese 20.61 20.61	<b>Wuhan</b>
Industry Park Longshui Dazu Chongqing 402368 Tel: (86)-023-43620427 Fax: (86)-023-43624437 Email: Julia@goodanchor.net Web: www.goodanchor.net Certificate #: MD00/1874/0009/2 Expiry date: 26/03/2019			
<b>CITIC Heavy Industries Company Ltd.</b>	Castings	carbon carbon-manganese alloy 50.00 50.00 50.00	<b>Wuhan</b>
No. 206 Jianshe Road Jianxi District Luoyang City Henan Province 471039 Tel: +86 (0)379 64088614 Fax: +86 (0)379 64086221 email roysongyan@126.com Web http://www.citichc.com. Certificate #: MD00/2742/0005/2 Expiry date: 18/10/2018			
<b>DALIAN DAFA FOUNDRY CO., LTD.</b>	Castings	carbon carbon-manganese alloy austenitic stainless martensitic stainless* 11.50 11.50 5.06 0.50 4.00	<b>Dalian</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: dnmvd@163.com Web: www.dafacasting.cn Certificate #: MD00/3490/0010/2 Expiry date: 09/09/2020			
<b>DALIAN KIYOMOTO IRON &amp; MACHINERY WORKS CO., LTD.</b>	Castings	carbon carbon-manganese 23.90 23.90	<b>Dalian</b>
Guangningsi Village Ershilipu Town F.T.Z. Dalian City Liaoning Province Tel: +86 411 87381305 Mob: 13804285502 Fax: +86 411 87381306 email: xu.s@kiyomoto.cn www.kiyomoto.cn Certificate No.: MD00/3496/0005/2 Expiry date: 19/07/2020			
<b>DALIAN SAMYOUNG DOOSAN METAL PRODUCT CO., LTD.</b>	Castings	carbon carbon-manganese alloy 18.00 18.00 2.60	<b>Dalian</b>
Dagushan Development District Dalian Tel: +86 411 3922 3000-700 Fax: +86 411 3922 3010 email: sun213312@163.com Web: http://www.dsdp.com.cn Certificate#: MD00/3472/0004/2 Expiry date: 10/03/2020			
<b>DALIAN SHIFU MACHINERY &amp; EQUIPMENT MANUFACTURING CO., LTD.</b>	Castings	carbon carbon-manganese 120.00 120.00	<b>Dalian</b>
Pulandian Dalian Tel: +86 411 8316 0088 Fax: +86 411 8314 2287 email: qian-ys@dlsf.net Web: http://www.dlsfzb.com Certificate#: MD00/4507/0002/2 Expiry date: 26/08/2018			
<b>DONGGUAN CHIEFTAIN METALS CO., LTD.</b>	Castings	carbon-manganese austenitic stainless 0.02 0.02	<b>Guangzhou</b>
Xiang Dong Industrial Zone, Da Ling Shan Town, Dongguan City, Guangdong Province 523833 Tel: +86 769 85619348 Fax: +86 769 85619352 email: info@chieftain.com.cn web: www.chieftain.com.cn Certificate No: MD00/4555/0001/2 Expiry Date: 28/02/2019			

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Name and Address	Category	Grade, Max Weight Tonnes	Office
<b>DONGTAI MARINE FITTINGS CO., LTD.</b>  2#, Yingbin Road Dongtai Economic development Zone Jiangsu Province Tel: +86 515 85711556 Fax: +86 515 85711559 Certificate #: MD00/3111/0003/2 Expiry date: 18/02/2020	Castings	carbon 16.00 carbon-manganese 16.00 alloy 10.00	Nantong
<b>DONGTAI OCEANGOING MARINE FITTINGS CO., LTD.</b>  No 8, Yuanyang South Road, Qindong Town Dongtai City Jiangsu. 224212 Tel: +86 515 85525288 Fax: +86 515 5522188 Email dtyy@dttyy.net Web www.dttyy.com Certificate #: MD00/3111/0005/2 Expiry date: 29/07/2019	Castings	carbon 1.20 carbon-manganese 1.20	Nantong
<b>DONGYING GIAYOUNG PRECISION METAL CO., LTD</b> 1049, Tianshan Road Dongying Shandong Province 257067 Tel: +86 546 8180516 864 Fax: +86 546 7788998 Email: mailto:fengyanli@cast-china.com Web: http://www.cast-china.com Certificate #: MD00/3396/0006/2 Expiry date: 09/12/2019	Castings	austenitic stainless 0.06	Qingdao
<b>DONGYING YICHENG PRECISION METAL CO., LTD.</b>  No.92 Xianhe Road Dongying City Shandong Province 257091 Tel: +86 546 823 7815 Fax: +86 546 823 0406 email: xwh0217@126.com web: www.cast-nl.com Certificate Number: MD00/3918/0003/2 Expiry date: 03/06/2019	Castings	carbon 0.08 carbon-manganese 0.08 austenitic stainless 0.04	Qingdao
<b>GUANGDONG SHAOGUAN</b>  FOUNDRY & FORGING GROUP CO., LTD. Shi Li Ting Shaoguan City Guangdong Province Tel: +86 751 8832662 Fax: +86 751 8859800 Email: liujf512@126.com Certificate #: MD00/3200/0006/2 Expiry date: 30/10/2020	Castings	carbon 40.00 carbon-manganese 40.00	Guangzhou
<b>HAIAN HAITAI CASTING CO. LTD</b>  North of Sunzhuang Haian County, Nantong City, Jiangsu Province. 226652 Tel: +86-513-68338126, Fax: +86-513-88656526  E-mail: haitaizhuzao@163.com  Website: www.haitaicaasting.com  Cert No. MD00/4480/0002/2 Expiry date: 13/05/2018	Castings	carbon 118.00 carbon-manganese 118.00 alloy 47.60	Nantong
<b>HAITIMA CORPORATION</b>  Nanlang Ind. Park, Nanlang Town, Zhongshan, Guangdong Tel: +86 760 85528866 Fax: +86 760 85528732 email: daodong@haitama.com.cn web: www.haitama.com.cn Certificate No: MD00/4175/0002/2 Expiry Date 05/06/2019	Castings	carbon 0.20 carbon-manganese 0.20 austenitic stainless 0.20	Guangzhou
<b>HANGZHOU HONGDA FOUNDRY CO.,LTD.,</b>	Castings	carbon 35.00 carbon-manganese 35.00	Zhoushan

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Name and Address	Category	Grade, Max Weight Tonnes	Office
<p>YaoJiaDai TangXi Town, YuHang District, Hangzhou Tel No: +86 571 86350889 Fax No: +86 571 86350889 Email: hongda8635@163.com Web : www.hongda-zz.com Certificate No MD00/3919/0002/2 Expiry date: 03/06/2017</p> <p>Approved for special grade</p> <p><b>HANGZHOU STEAM TURBINE CASTING &amp; FORGING CO LTD.,</b></p> <p>No.2 Road Tangqi Industrial Park, Hangzhou City, Zhejiang, 311106 Tel No. +86 571 890 23816 Fax No. +86 571 890 23816</p> <p>email: htf_01@163.com web: www.zjhtf.cn</p> <p>Certificate No. MD00/3807/0005/2 Expiry date 11/07/2019</p>	Castings	carbon carbon-manganese 23.00 23.00	<b>Zhoushan</b>
<p><b>HUBEI WUCHUAN HONGLU HEAVY INDUSTRY Co., Ltd.</b></p> <p>206 Tujiagou Wuchang Wuhan Hubei Province Tel: +86 0278807 0580 Fax: +86 27 88041772</p> <p>E-mail : syq0306@163.com</p> <p>Certificate: MD00/1680/0008/2 Expiry date: 24/06/2017</p>	Castings	carbon carbon-manganese 15.00 15.00	<b>Wuhan</b>
<p><b>JIANGMEN XINHUI YILI CONTAINER FITTINGS CO., LTD.</b></p> <p>Shuang Shui Industry Development Zone Xinhui City Guangdong Province Tel: +860 750 6412426 Fax: +860 750 6417728/6411180 email: mailto:xhyili@126.com Including corner fittings for freight containers. Certificate #: MD00/1912/0008/2 Expiry date: 04/12/2019</p>	Castings	carbon carbon-manganese 0.05 0.05	<b>Guangzhou</b>
<p><b>JIANGSU HAIDING ENGINEERING MACHINERY CO., LTD.</b></p> <p>Shetou Town Jintan City Jiangsu Province Tel: +86 519 82711275 Fax: +86 519 82711275 Email: 1051484858@qq.com Certificate Number: MD00/3991/0003/2 Expiry date: 15/02/2018</p>	Castings	carbon carbon-manganese 11.00 11.00	<b>Nanjing</b>
<p><b>JIANGSU RAYHONG MACHINERY CO., LTD.</b></p> <p>Lou Zhuang Town Jiangyan District, Taizhou City PC 225507 Jiangsu Province Tel: +86 523 88601 202 Fax: +86 523 88601 056 email: admin@hlmv.cn web: www.hlmv.cn Certificate #: MD00/2241/0008/2 Expiry date: 16/07/2019</p>	Castings	carbon carbon-manganese alloy 8.50 8.50 8.50	<b>Nanjing</b>
<p><b>JIANGSU RUTONG PETRO-MACHINERY Co., LTD.</b></p> <p>No.33 Huaihe Road, New Zone, Rudong Economic Development District, Rudong City, Jiangsu Province, Tel: +86 513 81960718 Fax: +86 513 84523102 email: heyunhua@rutong.com web: www.rutong.com Certificate No. MD00/4172/0002/2 Expiry Date: 01/06/2019</p>	Castings	carbon carbon-manganese 0.92 0.92	<b>Nantong</b>
<p><b>JIANGSU TONGDA MARINE VALVE PUMP Co. Ltd.</b></p> <p>No. 6. Yuye Road, Taizhou City, Tel: +86 0523 8864 7496 Fax: +86 0523 8864 1518 Email: ian656999@sina.com Web: http://tdfbgs.com Certificate Number: MD00/2838/0007/2 Expiry date: 31/10/2019</p>	Castings	carbon carbon-manganese 0.40 0.40	<b>Jiangyin</b>

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Name and Address	Category	Grade, Max Weight Tonnes	Office
<b>JIANGSU XIANGSHENG HEAVY INDUSTRIES CO., LTD.</b>	Castings	carbon carbon-manganese alloy	30.00 30.00 0.82
No.8 Yongfu Road Changjiang Town Rugao City Jiangsu Province Tel: +86 513 68665999 Fax: +86 513 87680660 Email: 304866863@qq.com Web http://www.jsxs.net.cn Certificate #: MD00/2985/0008/2 Expiry date: 02/06/2018			<b>Jiangyin</b>
<b>JIANGSU YANGYUAN MARINE</b>	Castings	carbon carbon-manganese	50.00 50.00
EQUIPMENT CASTING CO. LTD. No. 696, West Tianmu Road, Jiangyan District, Taizhou City, Jiangsu, Tel: +86 523 8826 1467 Fax: +86 523 8826 1201 e-mail: 794973892@qq.com web: www.jsyycb.cn  Certificate Number: MD00/1482/0009/2 Expiry: 24/03/2020			<b>Jiangyin</b>
<b>JIANGSU YONGYI CAST PIPES CO., LTD.</b>	Castings	carbon carbon-manganese	69.00 69.00
No. 89 West Zhongzhou Rd. Jingjiang Jiangsu 214500 tel 0086 523 84615806fax 0086 523 84851773 email foggylmf@163.com webiste www.chinayongyi.com Certificate #: MD00/3340/0004/2 Expiry date: 11/05/2019			<b>Jiangyin</b>
<b>JIANGYIN EASTERN VALVE CO., LTD.</b>	Castings	carbon carbon-manganese	1.15 1.15
No. 80 LongShan Road Zhou Zhuang, Jiang Yin Tel: +86 510 86232005 Fax: +86 510 86901568  Including approval of investment casting with the maximum weight of 115kg  email: fyyuzhenxing@163.com Web: www.fangyuanforging.cn Certificate #: MD00/4685/0001/2 Expiry date: 08/08/2020			<b>Jiangyin</b>
<b>JIAOXING YAYIDA SPECIAL STEEL CASTING CO LTD</b>	Castings	austenitic stainless	0.06
Zhulin Road (N), Xinfeng Town, Nanhu District, Jiaxing City, Zhejiang Province Tel No: +86 0573 83128282 Fax No: +86 0573 83128876 Email : yayida2008@163.com Web : www.cnyayida.com Certificate No MD00/3895/0003/2 Expiry date: 18/03/2020			<b>Shanghai Port</b>
<b>JINZHOU INVESTMENT CASTING FOUNDRY CO. LTD</b>	Castings	carbon carbon-manganese austenitic stainless	0.04 0.04 0.04
Yubao East Road, Chenbao Town, Xinghua City, Jiangsu Province. Tel No: +86 (0) 523-8372-5858 Fax No: +86 (0) 523-8372-5959  E-mail: archer@jinzhoufoundry.cn  Website: www.jinzhoufoundry.cn  Certificate No: MD00/4566/0002/2 Expiry Date: 22/05/2019			<b>Jiangyin</b>
<b>KINGDOM FLOW CONTROL Co., LTD</b>	Castings	carbon carbon-manganese austenitic stainless	0.07 0.07 0.07
			<b>Guangzhou</b>

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Name and Address	Category	Grade, Max Weight Tonnes	Office
<p>No. 23-1, Nan-he West Road, Nan-tou Town, Zhongshan City, Guangdong Province. 528427 Tel: +86 01760-2311-6839 Fax: +86 0760-23110582</p> <p>E-mail: info@kifc.com.cn</p> <p>Website: www.kifc.com</p> <p>Certificate No: MD00/4655/0001/2 Expiry Date: 23/01/2020</p>			
<b>LUOYANG XINGRONG INDUSTRIAL CO., LTD.</b>	Castings	carbon carbon-manganese 150.00 150.00	<b>Wuhan</b>
<p>Xiaodian, Ruyang County Henan Province Post Code: 471212 Tel: +86 15937917790 Fax: +86 379 68141083 Email: lysongtao@163.com Certificate #: MD00/3844/0003/2 Expiry date: 11/12/2019</p>			
<b>NANJING GUOTIE FOUNDRY CO., LTD</b>	Castings	carbon carbon-manganese 6.00 6.00	<b>Nanjing</b>
<p>No. 5 Longhu Lan Pukou Nanjing 210031 Jiangsu Province Tel No 0086 25 85847687 Fax No 0086 25 85847647 Email wjnj110@126.com Web xxxxxxxxxxxxxxxxx Certificate#: MD00/3119/0006/2 Expiry date: 28/11/2019</p>			
<b>NANTONG YONGHUI MARINE EQUIPMENTS MANUFACTURING</b>	Castings	carbon carbon-manganese 13.00 13.00	<b>Nantong</b>
<p>Co. LTD No. 221, Dingxing Road Dingyan Town, Rugao City, Jiangsu Province, 226521 Tel No: 00 86-513-8833258 Fax No: 00 86-513-88533259 E-mail: sales@yhmarine.com</p> <p>Website: www.yhmarine.net.cn</p> <p>Certificate No: MD00/4496/0001/2 Expiry Date: 02/07/2018</p>			
<b>NEWAY INDUSTRIAL (DA FENG) Co., LTD</b>	Castings	carbon carbon-manganese alloy austenitic stainless duplex stainless* 0.18 0.18 0.18 0.18 0.18	<b>Nantong</b>
<p>No. 91-1, Tongqing Road, Nanyang Industrial Park, Dafeng City, Jiangsu Province * Including Superduplex grades. Duplex and Superduplex grades are accepted for approved applications only.</p> <p>Tel: +86 0515 83896671 Fax: +86 0515 83896675</p> <p>E-mail: ran.wang@neway.com.cn</p> <p>Website: www.newayvalve.com.cn</p> <p>Certificate No. MD00/4254/0002/2 Expiry Date: 13/11/2019</p>			
<b>NEWAY INDUSTRIAL (DA FENG) Co., LTD</b>	Castings	carbon carbon-manganese 0.18 0.18	<b>Nantong</b>
<p>East No.2 Road, Economic Development Zone, Tel: +86 0515 83896671 Fax: +86 0515 83896675</p> <p>E-mail: ran.wang@neway.com.cn</p> <p>Certificate No. MD00/4255/0002/2 Expiry Date: 13/11/2019</p>			
<b>NEWAY INDUSTRIAL (SU ZHOU) CO., LTD</b>	Castings	carbon carbon-manganese austenitic stainless 1.00 1.00 1.00	<b>Shanghai Port</b>
<p>No.166 Kunlunshan Road, New District, Su Zhou, Tel no: +86 512 6607 0492 Fax no: +86 512 6607 0492 email: evans.hao@neway.com.cn web: www.newayonline.com Certificate No: MD00/3889/0004/2 Expiry Date: 09/03/2020</p>			



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### Approved Manufacturers of Steel Castings

Name and Address	Category	Grade, Max Weight Tonnes	Office
<b>NINGBO GREAT PRECISION CASTING Co., Ltd.</b>	Castings	carbon carbon-manganese alloy	<b>Zhoushan</b>
Nan'ao Village Xiwu Waixiang Scientific & Technical Developing Zone Fenghua Ningbo City Zhejiang Province Tel: +86 574 88545818, +86 137 77205895 Fax: +86 574 88545816 Email: chenrong333666@sina.com Certificate No: MD00/3687/0003/2 Expiry Date: 19/09/2018		0.02 0.02 0.02	
<b>NINGBO RONGSHEN PRECISION CASTING CO., LTD.</b>	Castings	carbon carbon-manganese alloy	<b>Shanghai Port</b>
Nanao Village, Xiwu Town Fenghua City Tel: 0086 574 88545288 Fax no. 0086 574 8854377 Email rs@rongshen-casting.com Web http://www.rongshen-casting.com Cert No.MD00/3981/0002/2 Expiry date: 23/01/2018		0.12 0.12 0.12	
<b>NINGBO TIANLU METAL PRODUCT Co. LTD</b>	Castings	carbon carbon-manganese alloy	<b>Shanghai Port</b>
Binhai Industrial District Xidian Town, Ninghai Country, Ningbo City. Tel: + 86-574-651-73061  Fax: + 86-574-651-73061  E-mail: tn6608@126.com  Certificate No: MD00/4610/0001/2 Expiry Date: 11/09/2019		0.02 0.02 0.01	
<b>NINGBO XINGFENG PRECISION CASTING CO., LTD.</b>	Castings	carbon carbon-manganese alloy	<b>Shanghai Port</b>
Shiqiao Industrial Zone, Yunlong Town Yinzhou District, Ningbo Zhejiang Province Tel: +86 574 88473778 Fax: +86 574 88473374 email: xfpc@mail.nbptt.zj.cn web: www.xf-casting.com Certificate No: MD00/4023/0002/2 Expiry date: 12/05/2018		0.02 0.02 0.02	
<b>NINGBO YINZHOU FUCHUN PRECISION CASTING CO., LTD</b>	Castings	carbon carbon-manganese	<b>Shanghai Port</b>
Lixie Village, Hengxi Town, Yinzhou District, Ningbo City, Zhejiang Province Tel: +86(0)574-88063778 Fax: +86(0)574-88063888 Email: fuchun@fu-chun.cn Certificate No.: MD00/4719/0001/2; Expiry Date: 15/05/2020		0.11 0.11	
<b>PMP PRECISION IND. Co. LTD</b>	Castings	carbon carbon-manganese austenitic stainless	<b>Guangzhou</b>
Sha-Tang Co-operative, Gang-Wei Village, Shi-Tan Town, Zengcheng City, Guangzhou, Guangdong Province. 511325 Tel: +86-20-3289-5618 Fax No: +86-20 3289 5618  E-mail: info@pmpchina.cn  Website: www.pmpchina.cn  Certificate No. MD00/4573/0001/2 Expiry Date: 02/05/2019		0.02 0.02 0.02	
<b>QINGDAO HUANGHAI MARINE VALVE CO., LTD.</b>	Castings	carbon carbon-manganese	<b>Qingdao</b>
Zhaike Village, Wanjia Town Pingdu, Qingdao Shandong Province Tel: +86 532 8235 1048 Fax: +86 532 8235 2106 Email: hhfmxg@163.com Web: http://www.dsrcorp.com Certificate Number MD00/4149/0002/2 Expiry: 17/04/2019		0.07 0.07	

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### Approved Manufacturers of Steel Castings

Name and Address	Category	Grade, Max Weight Tonnes	Office
<b>QINGXIAN XINGYE FOUNDRY CO., LTD.</b> Luozhuangzi, Jinniu Town, Qingxian, Hebei Province, Tel: +86-0317-4186988 Email address: qxtzzz@tom.com Website: www.qxxyzz.com  Certificate No: MD00/4692/0001/2 Expiry Date: 16/08/2020	Castings	austenitic stainless 0.06	<b>Qingdao</b>
<b>QUANZHOU TENGDA FINE CASTING Co., Ltd.</b> 29 Luojiang Road Luojiang District Quanzhou, Fujian Tel: +86-595 22653165 Fax: +86-595-22653480 Email: merlyn@tendacasting.com; Web: www.tendacasting.com Certificate Number: MD00/4453/0001/2 Expiry: 23/03/2018	Castings	austenitic stainless 0.07	<b>Guangzhou</b>
<b>RONGCHENG BOTONGDA MECHANICAL MANUFACTURING Co., LTD</b> North of Wujia Village, Chishan Subdistrict Office Shidao, Rongcheng. Shandong, 264308 Tel: +86 1346 5205576 Fax: +86 0631-7315556  E-mail: wanghaiting66666@163.com  Certificate No: MD00/4564/0001/2 Expiry date: 05/04/2019	Castings	carbon 6.70 carbon-manganese 6.70	<b>Qingdao</b>
<b>SHANGHAI ELECTRIC SHMP CASTING &amp; FORGING CO., LTD.</b>  1800 Jiangchuan Road Minhang District Shanghai 200245 Tel: +86 21 34098660 Mob: +86 1891 780 4183 email shenwj@shanghai-electric.com web: www.sshanghai-electric.com  Certificate No: MD00/1345/0010/2 Expiry date: 09/04/2020	Castings	carbon 170.00 carbon-manganese 170.00 alloy 170.00	<b>Shanghai Port</b>
<b>SHANGHAI HAILUFENG MARINE VALVES Co. LTD</b> Qingpu No. 66, Hermin Road, Baihe Town, Qingpu District, 201709 Tel: +86 (0) 21-597-45785/86 Fax: +86 (0) 21-597-45781 E-mail: sh-hlf@163.com  Certificate No: MDD00/4458/0001/2 Expiry date: 29/03/2018	Castings	carbon-manganese 0.45	<b>Shanghai Port</b>
<b>SHANGHAI HULIN HEAVY INDUSTRY CO LTD</b>  No 55, South Xinyuan Road, Nanhui District Shanghai 201306 Tel: +86 611 85555 Fax: +86 611 88605 Email : shhl@shhulin.com.cn  Certificate #: MD00/0703/0010/2 Expiry date: 06/02/2019	Castings	carbon 40.00 carbon-manganese 40.00 alloy 6.26	<b>Shanghai Port</b>
<b>SHI GANG JING CHENG EQUIPMENT DEVELOPMENT AND MANUFACTURING CO., LTD.</b> No. 1 Xinlian Street, Yingkou, Liaoning Province, Tel: +86 0417 3257866 Fax: +86 0417 3257860 Email: caojun@cyedm.com.cn Web: http://www.cyedm.com.cn Certificate #: MD00/4234/0004/2 Expiry date: 08/10/2019	Castings	carbon 135.00 carbon-manganese 230.00	<b>Dalian</b>
<b>STEEL CASTING COMPANY OF DALIAN HUARUI HEAVY INDUSTRY GROUP CO., LTD.</b>	Castings	carbon 210.00 carbon-manganese 210.00 alloy 210.00	<b>Dalian</b>

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### Approved Manufacturers of Steel Castings

Name and Address	Category	Grade, Max Weight Tonnes	Office
<b>INDUSTRY GROUP CO., LTD</b> 8, Xinsuini Road Ganjingzi Dist., Dalian, P.C.:116035 <i>Tel: +81 (0)411 864 27502 Fax +81: (0)411 864 28210</i> <i>Email mailto:yangying@dhidcw.com</i> <i>Certificate #: MD00/3335/0005/2 Expiry date: 22/04/2019</i>			
<b>TAI YUAN HEAVY INDUSTRY CO. LTD.</b>  No.53, Yuhe Street, Wanbailin District, Taiyuan City, Shanxi Province, 030024, <i>Tel: +86 351 636 2835 Fax: +86 351 636 1424</i>  <i>Email: liubin_8440@163.com.</i>  <i>Website: www.tyhi.com.cn</i>  <i>Certificate: MD00/3412/0003/2 Expiry date: 01/10/2019</i>	Castings	carbon 180.00 carbon-manganese 180.00	Wuhan
<b>TENGZHOU CITY CHENGJIN MACHINERY MANUFACTURE Co., Ltd.</b>  Donggongqiao Village, Guanjiao Town, Bayi Mining Area, Tengzhou Town, Zaozhuang City, Shandong Province, <i>Tel No: +86 632 4091858 / 4091158 Fax No: +86 632 2237487</i> <i>Email: 13666327698@163.com Website: www.tzcj-anchor.com</i> <i>Certificate No: MD00/4182/0003/2 Expiry date 18/06/2019</i>	Castings	carbon 8.00 carbon-manganese 8.00	Qingdao
<b>TIANJIN TIANZHONG GIANT HEAVY INDUSTRY CO., LTD.</b>  No. 609, Jinyu Road Xiditou Town Beichen District Tianjin <i>Tel:+86 (0)22 86885730 Fax: +86(0)22 8688 5730</i> <i>Certificate #: MD00/4094/0002/2 Expiry date: 30/07/2020</i>	Castings	carbon 240.00 carbon-manganese 240.00	Qingdao
<b>TONGXIANG WUTONG ZHENLONG</b>  PRECISION CASTINGS FACTORY Min'an Village, Wutong Street, Tongxiang County, Jiaxing City, Zhejiang Province, <i>Tel: +86 573 8805 1218 Fax: +86 573 8805 9131</i> <i>email: zj-txzl@163.com web: www.txzlp.com</i>  <i>Certificate No: MD00/4699/0001/2 Expiry Date: 29/08/2020</i>	Castings	carbon 0.50 carbon-manganese 0.50 alloy 0.50 austenitic stainless 0.50 duplex stainless 0.20	Shanghai Port
<b>TYCON ALLOY INDUSTRIES (SHENZHEN) CO, LTD.</b>  Danzhutou Village Industrial Zone Buji, Lung Gang district, Shenzhen Guangdong Province <i>Tel:- (86) 755 84736974-179 Fax:- (86) 755 847 36974</i>  <i>E-mail: jefferychan@tyconalloy.com</i>  <i>Web http://www.tyconalloy.com</i>  <i>Certificate #: MD00/2817/0007/2 Expiry date: 02/07/2019</i>	Castings	carbon 0.50 carbon-manganese 0.50 alloy 0.50 austenitic stainless 0.50	Guangzhou
<b>UNITED LASHING PRECISION CASTING CORP., LTD.</b> No. 5 Tanxi Road Gaochun Development Zone, Nanjing City Jiangsu Province, 211316 <i>Tel: +86 25 68597786 Fax: +86 25 68597797</i> <i>Web http://www.unitedlashing.com.cn</i> <i>Certificate Number: MD00/4451/0001/2 Expiry: 21/03/2018</i>	Castings	alloy 0.01	Nanjing

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### Approved Manufacturers of Steel Castings

Name and Address	Category	Grade, Max Weight Tonnes	Office
<b>WUXI FOUNDRY CO.LTD.</b>	Castings	carbon 33.30 carbon-manganese 33.30	Jiangyin
Hongyun Road, JGD Zone, Hongshan town, New District Wuxi, Jiangsu 214115 Tel +86 510 80297007 Fax +86 510 80297077  Email: wxzzzjk@163.com  Web: www.gukin.cn  Certificate Number MD00/3715/0003/2 Expiry date 07/12/2018			
<b>WUXI UNIVERSAL PRECISION CASTING CO. LTD.</b>	Castings	carbon 0.20 carbon-manganese 0.20 alloy 0.20 austenitic stainless 0.20	Jiangyin
Chang'an Town No. 70, Shixin Road, Chang'an Yanqiao Street, Huishan District, Wuxi City Jiangsu Province Tel: +86 510 83761760 Fax: +86 510 83760929 Email: hy@wxhuanyu.com Web http://www.wxhuanyu.com  Certificate #: MD00/3150/0005/2 Expiry date: 02/04/2020			
<b>WUZHONG INSTRUMENT CO., LTD.,</b>	Castings	carbon 0.10 carbon-manganese 0.10 austenitic stainless 0.32	Dalian
Industrial Park for Poverty Alleviation, Tongxin, Ningxia 751100 Tel No: +86 953 2239223 Fax No: +86 953 2239212 Mob +8613895158750 Email zhb@wzyb.com.cn Web www.wzyb.com.cn Cert No MD00/3947/0004/2 Expiry date 13/03/2020			
<b>YICHANG MARINE DIESEL ENGINE CO. LTD.</b>	Castings	carbon 18.00 carbon-manganese 18.00 alloy 18.00	Wuhan
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 #: MD00/1691/0007/2 Expiry date: 12/05/2019			
<b>YINGSHAN HUAMAO SHIP OUTFITTING EQUIPMENT Co., Ltd</b>	Castings	carbon 0.02 carbon-manganese 0.02 alloy 0.01	Wuhan
No. 56 Yanhe West Road, Wenquan Town, Yingshan, Hubei Province, Tel No. +86 713 706 7550 Fax No: +86 713 706 3668 email: yshmhj@sina.com  Certificate No. MD00/4037/0002/2 Expiry date 16/06/2018			
<b>ZHEJIANG SHIDAI CASTING CO., LTD.</b>	Castings	carbon 0.70 carbon-manganese 0.70 alloy 0.70 austenitic stainless 0.70 duplex stainless 0.70	Zhoushan
Taoshan Industrial Park, Taoshan Town, Rui'an City, Zhejiang Province, Tel No: +86 577 6547 8972 Fax no: +86 577 6546 0087 email: info@shidaicasting.com web: www.shidaicasting.com Certificate No: MD00/4122/0002/2 Expiry date: 04/02/2019			
<b>ZIBO TAA MACHINERY ELECTRONICS &amp; TECHNOLOGY CO., Ltd</b>	Castings	carbon 95.00 carbon-manganese 95.00	Qingdao

## List 2 Approved Manufacturers of Steel Castings

Name and Address	Category	Grade, Max Weight Tonnes	Office
<p>No. 2 Industrial Development Area, Mengshui, Zhoucun District, Zibo City, Shandong Province, Tel: +86 533 6880931 Fax: +86 533 6889056 email: jdzlb@taa.net.cn web: www.taa.net.cn</p> <p>Certificate #: MD00/3877/0004/2 Expiry date: 14/01/2020</p>			
<b>Croatia</b>			
<b>FELIS PRODUKTI d.o.o.</b>	Castings	carbon carbon-manganese	13.00 13.00
<p>Božidara Adžije 19 44010 Sisak Tel +385 44 525 228 Fax +385 44 525 201 Email:mailto:tpp@felis.hr Web:http://www.felis.hr Certificate #: MD00/2726/0007/2 Expiry date: 25/08/2015</p>			<b>Zagreb</b>
<b>Czech Republic</b>			
<b>CKD Kutná Hora, a.s.</b>	Castings	carbon carbon-manganese	8.00 8.00
<p>Karlov 197 284 49 Kutná Hora Tel: +420 327 506 670 Fax: +420 327 506 627 Email: sales@ckdch.cz Website:- http://www.ckdkh.cz Certificate #: MD00/0273/0008/2 Expiry date: 07/06/2018</p>			<b>Prague</b>
<b>Ernst Leopold s.r.o.</b>	Castings	carbon-manganese	5.50
<p>Gellhornova 2242/18 678 01 Blansko Tel: +420 516 427 108 email: frantisek.mrazek@dsbbblansko.cz web: www.dsbbblansko.cz</p> <p>Certificate #: MD00/0272/0010/2 Expiry date: 05/07/2020</p>			<b>Prague</b>
<b>KRÁLOVOPOLSKÁ SLÉVÁRNA, s.r.o.</b>	Castings	carbon carbon-manganese alloy austenitic stainless	4.00 4.00 4.00 4.00
<p>Krizikova 68 660 90 Brno Tel: +420 513 034 720 Fax: +420 513 034 701 email jasek@kpslevarna.cz web: www.kpslevarna.cz</p> <p>Certificate #: MD00/2851/0005/2 Expiry date: 03/01/2017</p>			<b>Prague</b>
<b>PILSEN STEEL s.r.o.</b>	Castings	carbon carbon-manganese alloy	130.00 130.00 130.00
<p>Tylova 1/57 316 00 Plzen Tel: +420 378 134 225 Mob: +420 603 587 246 email: karel.rau@pilsensteel.cz web: www.pilsensteel.cz Certificate #: MD00/1383/0009/2 Expiry date: 22/03/2020</p>			<b>Prague</b>
<b>PRVNI BRNENSKA STROJIRNA VELKA BITES, a.s.</b>	Castings	high nickel alloy*	0.02
<p>Vlkovska 279, 595 01 Velka Bites, Tel: +420 566 822 133 Fax: +420 566 822 115 email: svenda.l@pbsvb.cz web: www.pbsvb.cz</p> <p>Certificate No.: MD00/3926/0003/2 Expiry date: 18/06/2020</p>			<b>Prague</b>
<b>ROUCKA SLÉVÁRNA, a.s.</b>	Castings	carbon carbon-manganese alloy austenitic stainless duplex stainless*	10.00 10.00 2.00 2.00 2.00
<p>Foundry Lutín Jana Sigmunda 79 783 50 Lutín, CZ * accepted for approved applications Tel: +420 585 496 560 Fax: +420 585 496 550 Mob:+420 602 472 547 Email: ondrus@ishas.cz Web http://www.roucka-slevarna.cz Certificate #: MD00/1389/0009/2 Expiry date: 24/01/2020</p>			<b>Prague</b>

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Name and Address	Category	Grade, Max Weight Tonnes	Office
<b>S+C ALFANAMETAL s.r.o., koncern</b>  Trstice No. 126 CZ-783 57 Tel: +420 5857 54 116 Fax: +420 5857 54 430 Email: lzemanek@alfanametal.cz Web: www.alfanametal.com Certificate #: MD00/4294/0001/2 Expiry date: 26/02/2017	Castings	austenitic stainless 0.48 duplex stainless* 0.48	Prague
<b>SLEVARNA CHOMUTOV, a.s.</b>  Beethovenova 5925 430 01 Chomutov Tel no: +420 474 622 970 Fax no: +420 474 651 631 Email: slevarna@slevarna-cv.cz Web: http://www.slevarna-cv.cz Certificate No: MD00/4199/0002/2 Expiry date 06/07/2019	Castings	carbon 3.20 carbon-manganese 3.20	Prague
<b>UNEX a. s.</b>  Brnicko 1032 783 93 UNICOV Tel: +420 585 073 120 Fax: +420 585 073 102 Email: karel.vytrisal@unex.cz Web: www.unex.cz Certificate #: MD00/2259/0007/2 Expiry date: 20/10/2019	Castings	carbon 20.00 carbon-manganese 20.00 alloy 20.00	Prague
<b>VITKOVICE HEAVY MACHINERY a.s.</b>  Ruska 2887/101 70300 Ostrava-Vitkovice Tel: +420 595 953 153 Mob: +420 602 535 608 email: jiri.broz@vitkovice.cz web: www.vitkovice.cz  Certificate #: MD00/2020/0010/2 Expiry date: 29/03/2020	Castings	carbon 240.00 carbon-manganese 240.00 alloy 240.00	Prague
<b>VUHZ a. s.</b> Dobrá 240 ZIP 739 51 Tel: +420 558 601 111 Fax No: +420 558 601 211  E-mail: vuhz@vuhz.cz  Website: www.vuhz.cz  Certificate No: MD00/4544/0001/2 Expiry Date: 1901/2019	Castings	austenitic stainless 0.56	Prague
<b>Vitkovické slevárny, spol. s r.o.</b>  Halasova 2904/1 706 02 Ostrava-Vitkovice Tel: +420 595 956 890 Fax: +420 595 956 985 email: padera@vitkovickeslevarny.cz web: www.vitkovickeslevarny.cz Certificate #: MD00/2207/0008/2 Expiry date: 07/05/2019	Castings	carbon 4.50 carbon-manganese 4.50 alloy 4.50	Prague
<b>ZDAS a.s. - Metallurgy Division</b>  Metallurgical Plant Strojirenska 675/6 59101 Zdar nad Sazavou Tel: +420 566 643 998 Mobile: +42 602 795 859 Email: mailto: radek.paral@zdas.cz Web:http://www.zdas.cz Including ingots. Certificate #: MD00/1697/0008/2 Expiry date: 23/08/2020	Castings	carbon 20.00 carbon-manganese 20.00 alloy 20.00	Prague
<b>Finland</b>			
<b>LEINOVALU OY</b>  Leinonkatu 5 FIN-24100 Salo Tel: +358 2 7750244 Fax: +358 2 7750223 Email: mailto:juha.karlsson@leinovalu.fi Web: http://www.leinovalu.fi Certificate #: MD00/1841/0008/2 Expiry date: 24/05/2017	Castings	carbon 5.00 carbon-manganese 5.00 alloy 5.00	Helsinki/Helsingfors
	Propellers	austenitic stainless 5.00 martensitic stainless 5.00	

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Name and Address	Category	Grade, Max Weight Tonnes	Office
<b>PEIRON OY</b>	Castings	carbon carbon-manganese alloy austenitic stainless martensitic stainless*	5.00 5.00 5.00 5.00 4.00
Teollisuustie 4 FI-32810 PEIPOHJA Tel: + 358 50 317 4267 Fax: + 358 20 7509401 E-mail: mailto: markku.eljaala@peiron.com Web: www.peiron.com * accepted for approved applications.			<b>Helsinki/Helsingfors</b>
Certificate #: MD00/1196/0008/2 Expiry date: 28/03/2018			
<b>TEVO LOKOMO OY</b>	Castings	carbon carbon-manganese alloy austenitic stainless duplex stainless* martensitic stainless*	32.00 32.00 32.00 32.00 32.00 32.00
	Propellers	low alloy austenitic stainless duplex stainless martensitic stainless	32.00 32.00 32.00 32.00
Lokomonkatu 3 P.O. Box 306 FI-33101, Tampere Tel: +358 (0) 40 562 4687 Fax: +358 (0) 40 562 4687 Email: jouni.jarvinen@tevolokomo.fi Web Http://www.tevo.fi * accepted for approved applications Including ingots. Certificate #: MD00/0947/0009/2 Expiry date: 11/09/2018			<b>Helsinki/Helsingfors</b>
<b>France</b>			
<b>ACIERIE ET FONDERIE DE LA HAUTE SAMBRE</b>	Castings	carbon carbon-manganese alloy austenitic stainless	3.50 3.50 3.50 3.50
Rue du Pont des Moines 59145 Berlaimont Tel: +33 327 53 61 77 Fax: +33 3 27 53 61 90 email:sophie.zandecki@acieriehautesambre.fr web:acieriefonderiehautessambre.com			<b>Lyon</b>
Certificate Number: MD00/2039/0008/2 Expiry: 12/11/2020			
<b>ACIERIES HACHETTE ET DRIOUT</b>	Castings	carbon carbon-manganese alloy austenitic stainless duplex stainless* martensitic stainless*	7.00 7.00 7.00 7.00 7.00 7.00
	Propellers	martensitic stainless	7.00
11 Avenue du Général Sarraill BP 28 52101 St. Dizier Tel +33 631 90 94 34 email: rt@ahd.fr web: www.ahd.fr			<b>Lyon</b>
MD00/0064/0008/2 Expiry date: 14/02/2020			
* accepted for approved applications			
<b>FONDERIE ET ACIERIE DE DENAIN</b>	Castings	carbon carbon-manganese alloy	73.00 73.00 73.00
17, Rue Pierre Bériot BP329 59723 DENAIN Cedex Tel No: +33327214400 Contact: Mr Audebert Christophe E-mail: c.audebert@fad-denain.fr			<b>Lyon</b>
Certificate #: MD00/3847/0003/2 Expiry date: 06/10/2019			

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### Approved Manufacturers of Steel Castings

Name and Address	Category	Grade, Max Weight Tonnes	Office
<b>FONDERIE PENA S.A.</b>	Castings	carbon-manganese austenitic stainless	<b>Nantes</b>
24 Chemin de la Poudrière B.P. 800 11 33702 MÉRIGNAC Cedex 33702 MÉRIGNAC Cedex Tel: +33 5 56 34 07 46 Fax: +33 5 56 34 82 95 email: PENA-FONDERIE@wanadoo.fr web: www.fonderie-pena.com Certificate #: MD00/3287/0004/2 Expiry date: 27/11/2018		0.60 0.60	
<b>FONDERIES ET ATELIERS DE CONSTRUCTION</b>	Castings	carbon carbon-manganese	<b>Lyon</b>
FERRY CAPITAIN Usine de Bussy BP 33 52300 Joinville Tel: +33 325 949724 Mob: +33 6 78 36 07 25 Fax: f.rahli@ferrycapitain.fr email: emmanuel.chevalier@ferrycapitain.fr web: www.ferrycapitain.com Certificate No: MD00/0519/0007/2 Expiry date: 17/05/2019		35.00 35.00	
<b>LES BRONZES D'INDUSTRIE</b>	Castings	austenitic stainless	<b>Lyon</b>
26 Rue de la République 57360 Amneville Tel: +33 3 87 71 15 11 Fax: +33 3 87 71 14 96 Email: mailto:christian.heinz@lbi.fr MD00/0926/0007/2 Expiry date: 29/04/2020		27.00	
<b>MANOIR INDUSTRIES</b>	Castings	carbon carbon-manganese alloy austenitic stainless	<b>Lyon</b>
Usine De PITRES 12 Rue des Ardennes 27 590 PITRES Tel +33 2 32 48 72 00 Fax +33 2 32 48 57 26 email: thomas.grimaud@g-mind.com web: www.manoir-industries.com  Certificate #: MD00/1843/0007/2 Expiry date: 18/01/2018  Including centrifugal casting.		20.00 20.00 20.00 20.00	
<b>SOCIETE NOUVELLE FCI INDUSTRIES</b>	Castings	carbon carbon-manganese alloy austenitic stainless	<b>Lyon</b>
3, Chemin des Varennes CS 50610 18105 Vierzon Cedex Tel: +33 2 48 83 11 00 Fax: +33 2 48 83 11 09 email k.thiault@snfci.fr web www.snfci.fr Certificate Number: MD00/3384/0005/2 Expiry date: 24/09/2019		1.50 1.50 1.50 1.50	
<b>Germany</b>			
<b>ALBERT HOFFMANN GmbH</b>	Castings	carbon carbon-manganese alloy austenitic stainless	<b>Hamburg</b>
Stahlgiesserei Bergrather Straße 66-70 D-52249 Eschweiler Tel: +49 (0)2403 79 82 77 Fax: +49 (0)2403 79 82 28  E-mail: f.hoof@albert-hoffmann.de  Web: http://www.albert-hoffmann.de  Certificate No. MD00/2149/0010/2 Expiry date: 22/09/2018		5.50 5.50 5.50 5.50	
<b>BISCHOFF GUSS GmbH</b>	Castings	carbon carbon-manganese alloy austenitic stainless	<b>Hamburg</b>
Seppenrader Strasse 23-25, 59348 Lüdinghausen, Tel: +49 (0) 2591 927-10 Fax: +49 (0)2591 927-80 email: gerhard.streck@bischoff-guss.de web: www.bischoff-guss.de  Certificate No: MD00/4410/0001/2 Expiry Date: 14/12/2017		2.20 2.20 2.20 2.20	



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### Approved Manufacturers of Steel Castings

Name and Address	Category	Grade, Max Weight Tonnes	Office
<b>EDELSTAHLWERKE SCHMEES GmbH</b>	Castings	alloy austenitic stainless martensitic stainless*	<b>Hamburg</b>
Rudolf-Diesel-Weg 6-8 D-40764 Langenfeld Tel: +49 (0) 2173 8505 660 Fax: +49 (0) 2173 8505 50 email: michael.vandrey@schmees.com www.schmees.com		0.42 0.42 0.42	
Certificate No. MD00/3231/0005/2 Expiry date: 15/04/2018 Nickel based material is covered in this scope of approval for castings up to 271 kgs			
<b>EDELSTAHLWERKE SCHMEES GmbH</b>	Castings	alloy martensitic stainless*	<b>Hamburg</b>
Basteistraße 60 D-01796 Pirna Tel +49 35 01 56 03 -838 Email: torsten.lehleitner@schmees.com Web:http://www.schmees.com Certificate No. MD00/4557/0001/2 Expiry date: 05/03/2019		15.00 15.00	
<b>Friedrich Wilhelms-Hütte Stahlguss GmbH</b>	Castings	carbon carbon-manganese alloy	<b>Hamburg</b>
Friedrich-Ebert-Straße 125 D-45473 Mülheim an der Ruhr Tel: +49 (0) 208 451 7037 Fax: +49 (0) 208 451 7303 Email: mailto:ahlborn@fwh.de Web: http://www.fwh.de Certificate No. MD00/1520/0007/2 Expiry date: 27/07/2018		6.00 6.00 6.00	
<b>KEßLER &amp; CO GmbH</b>	Castings	carbon-manganese alloy	<b>Hamburg</b>
Gerhard - Ellrodt Straße 24 04249 Leipzig Tel No +49 (0) 341 41529-13 Fax No: +49 (0) 341 41529-12 email siedler@giesserei-kessler-leipzig.de web www.giesserei-kessler-leipzig.de Certificate No. MD00/3772/0003/2 Expiry date: 06/04/2019		0.36 0.18	
<b>KLAUS KUHN EDELSTAHLGIEßEREI GmbH</b>	Castings	alloy austenitic stainless	<b>Hamburg</b>
Otto-Hahn Straße 12-14 D-42477 Radevormwald Tel: +49 (0) 2195 67147 Fax: +49 (0) 2195 6711547 Mobile: +49 (0)17543 41267 Email: mailto:M.Konrad@Kuhn-Edelstahl.com Web: http://www.Kuhn-edelstahl.com The scope of approval does not include for the weld repair of steel castings. Certificate Number: MD00/0853/0008/2 Expiry: 22/02/2018		2.00 2.00	
<b>KSB AG.</b>	Castings	carbon carbon-manganese alloy austenitic stainless	<b>Hamburg</b>
Giesserei Pegnitz Bahnhofsplatz 1 D-91257 Pegnitz Tel: +49 (0)9241 71 1124 Fax: +49 (0)9241 71 1780 Email: mailto:norbert.kieslinger@ksb.com Web: http://www.ksb.com Certificate No. MD00/0854/0008/2 Expiry date: 05/02/2018		1.00 1.00 1.00 1.00	
<b>PLEISSNER GUSS GmbH</b>	Castings	carbon carbon-manganese austenitic stainless	<b>Hamburg</b>
Duderstädter Straße 17 D-37412 Herzberg Tel +49 5521 83204 Fax +49 5521 83203 Mobile: +49 173 7393290 Email: mailto:vertrieb@pleissner-guss.de Web:http://www.pleissner-guss.de Certificate No. MD00/1203/0007/2 Expiry date: 21/04/2018		10.00 10.00 5.00	
<b>REINHARD TWEER GmbH</b>	Castings	carbon carbon-manganese	<b>Hamburg</b>
Krackser Straße 191 D-33689 Bielefeld-Sennestadt Tel +49 (0) 5205 750163 Fax: +49 (0) 5205 750179 email: rts@tweer.de web: www.tweer.de		6.50 6.50	
Certificate No. MD00/1573/0007/2 Expiry date: 08/01/2020			
<b>SCHMOLZ + BICKENBACH GUSS GmbH</b>	Castings	carbon carbon-manganese alloy austenitic stainless	<b>Hamburg</b>
Werk Krefeld Hülser Str. 810 D-47803 Krefeld Tel No: +49 2151 764 1144 Fax +49 2151 764 1942 Email: mailto:j.roederhoff@schmolz-bickenbach.com Web:http://www.sbguss.de Certificate No. MD00/1321/0008/2 Expiry date: 09/04/2018		20.00 20.00 20.00 20.00	

## List 2 Approved Manufacturers of Steel Castings

Name and Address	Category	Grade, Max Weight Tonnes	Office
<b>SCHÜTTE, MEYER + CO. GUSSTECHNIK GMBH</b>  Bergstraße 16-20 D-58642 Iserlohn Tel +49 (0)2374 929744 Fax +49 (0)2374 9297-98 email: turner@schuettemeyerguss.de web: www.schuettemeyerguss.de  Certificate #: MD00/1372/0010/2 Expiry date: 13/04/2020  Not approved for weld repairs.	Castings	carbon 3.00 carbon-manganese 3.00	Hamburg
<b>SHB STAHL- und HARTGUSSWERK BÖSDORF GmbH</b>  Werkstraße 7 04249 Leipzig-Knautnaundorf Tel: +49 (0)341/ 4279-515 Fax: +49 (0)341 4283-593 Email: arnhold@shb-guss.de Web: http://www.shb-guss.de Certificate #: MD00/1418/0008/2 Expiry date: 12/06/2019	Castings	carbon 3.50 carbon-manganese 3.50 alloy 3.50	Hamburg
<b>SILBITZ GUSS GmbH</b>  Dr. - Maruschky- Straße 2 D-07613 Silbitz/Thüringen Tel: +49 (0)3 6693 80-260 Fax: +49 (0)3 6693 80434 Email: mailto: w.johannes@silbitz-group.de Web: http://www.silbitz-gruppe.de * accepted for approved applications Certificate #: MD00/1382/0008/2 Expiry date: 30/08/2020	Castings	carbon-manganese 10.00 alloy 10.00 austenitic stainless 10.00 duplex stainless 7.50 martensitic stainless* 10.00	Hamburg
<b>STAHLGUSS GRÖDITZ GmbH</b>  Riesaer Straße 1 D-01609 Gröditz Tel: +49 (0) 35263 62-641 Fax: +49 (0)35263 62-932 Email: joerg.geschke@stahl-groeditz.de Web page http://www.stahl-groeditz.de Certificate #: MD00/3156/0004/2 Expiry date: 12/03/2017	Castings	carbon 50.00 carbon-manganese 50.00 alloy 50.00	Hamburg
<b>Schmidt + Clemens GmbH +Co. KG</b>  Kaiserau 2 D-51789 Lindlar Tel No: +49 (0) 22 66 92 426 Fax No: +49 (0) 22 66 92 84 26 email: a.hohn@schmidt-clemens.de web: www.schmidt-clemens.de Including Ingots Certificate #: MD00/1319/0005/2 Expiry date: 09/10/2019	Castings	carbon 12.00 carbon-manganese 12.00 alloy 12.00 austenitic stainless 12.00	Hamburg

## India

<b>AMEX ALLOYS PRIVATE LTD</b>  S.F. No. 289/2, Kunnathur Pudur Post, Sathy Road, Coimbatore - 641107, Tamil Nadu, Tel: +91 (0) 422 265 4162 or 3107 Fax: +91 (0) 422 265 3121 Email: sales@amexalloys.com Web: http://www.amexalloys.com Certificate Number: MD00/4193/0003/2 Expiry: 30/06/2019	Castings	carbon 1.20 carbon-manganese 1.20 alloy 0.55 austenitic stainless 1.67	Chennai
<b>ANUGRAHA VALVE CASTINGS LIMITED</b>  391/2, Sengoda Gounden Pudur Arasur Coimbatore 641407 Tamil Nadu Tel +91 422 2360124 Fax +91 422 2360026 email: anugraha@anugrahavalvestings.com web: www.anugrahavalvestings.com Certificate No. MD00/2785/0006/2 Expiry date: 05/03/2019	Castings	carbon 0.22 carbon-manganese 0.22 alloy 0.22 austenitic stainless 0.22	Mumbai

## List 2

### Approved Manufacturers of Steel Castings

Name and Address	Category	Grade, Max Weight Tonnes	Office
<b>GUJARAT ALLOYS CAST PVT LTD</b> 6, Ankur Industrial Complex, Shapar, Dist. Rajkot, Gujarat - 360 024, Tel: +91 2827 252 157 Fax: +91 2827 252 756 Email: info@gacgroup.com Web: http://www.gacgroup.com The scope of approval is for investment castings only. Certificate Number: MD00/4081/0004/2 Expiry: 06/10/2018	Castings	austenitic stainless 0.25	<b>Mumbai</b>
<b>GUJARAT INTRUX LTD.</b>  Survey No. 84/P, 17Km Rajkot-Gondal Highway Village - Shapar - 360024 Dist. Rajkot ( India ) Tel: +2827 252851 Fax: +2827 252854 E mail: info@Gujarat Intrux.com Certificate No. MD00/4010/0002/2 Expiry date: 16/04/2018	Castings	carbon carbon-manganese austenitic stainless 0.48 0.48 0.56	<b>Mumbai</b>
<b>GWASF QUALITY CASTINGS (P.) LTD.</b>  Plot No 136, 7A Cross Road, Industrial Area Baikampady, Mangalore - 575 011 Tel No. +91 824 240 8251 Fax No.+91 824 240 7391 Mobile +91 94493 32659 Email lobo@gwasf.com  Certificate No MD00/4073/0002/2 Expiry Date 30/08/2018	Castings	carbon carbon-manganese austenitic stainless 0.28 0.28 0.28	<b>Mumbai</b>
<b>INTOLCAST PVT. LTD</b>  16,17,19 Ankur Industrial Estate, 15Km, Rajkot - Gondal Road, Village - Shapar - 360 024 Dist. Rajkot Tel No: +91 2827 252051/2/3 Fax no: +91 2827 252054 Email info@intricastindia.com Web: http:// www.intricastindia.com Certificate No: MD00/4204/0002/2 Expiry Date 16/07/2019	Castings	carbon carbon-manganese austenitic stainless 0.05 0.05 0.05	<b>Mumbai</b>
<b>INTRICAST PRIVATE LIMITED</b>  25/28, GALAXY INDUSTRIAL ESTATE, 15km RAJKOT-GONDAL ROAD, VILLAGE SHAPAR - 360024, DIST RAJKOT, Tel: +91 2827 252051/52/53 Fax: +91 2827 252054 Email: :raman.s@intricastindia.com or vimal.t@intricastindia.com Web: http://www.intricastindia.com The scope of approval is for Investment Castings only. Certificate Number: MD00/2949/0005/2 Expiry: 30/01/2018	Castings	carbon carbon-manganese austenitic stainless 0.03 0.03 0.03	<b>Mumbai</b>
<b>INVAC CAST LTD</b>  Block / Survey No: 444 to 453 & 455 Nana Fofadiya Road, Village: Bamangam, Ta: Karajan, Dist. Vadodara Gujarat. 391210 Tel: +91 (0) 2666 290555.  E-mail: info@intricastindia.com  Certificate No: MD00/4642/0001/2 Expiry Date: 10/01/2019	Castings	carbon carbon-manganese austenitic stainless 0.10 0.10 0.10	<b>Mumbai</b>
<b>JSONS FOUNDRY PVT LTD</b>  G13, KUPWAD G-2B/G-13, MIDC Kupwad Block Sangli 416436 *including superduplex - accepted for approved applications Tel: +91 (0)233 2644603/604 Fax: +91 (0)2332644605 email: sanjay@jsonsfoundry.com web: www.jsonsfoundry.com Certificate No. MD00/4169/0002/2 Expiry date: 28/05/2019	Castings	carbon carbon-manganese austenitic stainless duplex stainless* 1.20 1.20 1.10 0.70	<b>Mumbai</b>

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### Approved Manufacturers of Steel Castings

Name and Address	Category	Grade, Max Weight Tonnes	Office
<b>KIRLOSKAR BROTHER LTD.</b> Kirkoskarwadi Taluka-Palus District-Sangli Pin-416308 Maharashtra Tel: +91 20 2721 4230 Email: Shirish.more@kbl.co.in Web: http://www.kirkoskarpumps.com Certificate No. MD00/4504/0001/2 Expiry date: 23/07/2018	Castings	duplex stainless 0.55	<b>Mumbai</b>
<b>KU INDUSTRIES PRIVATE LIMITED</b>  SF No. 273, 474, 466, 468 Senthampalayam Road Coimbatore 641107 Tamilnadu Tel: +91 422 652 5 027 Fax +91 422 251 3683 Email mailto:quality@jre-valves-pumps.com Web http://www.jre-valves-pumps.com Certificate No. MD00/3336/0006/2 Expiry date: 21/04/2019	Castings	carbon 1.20 carbon-manganese 1.20 alloy 1.20 austenitic stainless 1.20	<b>Chennai</b>
<b>MALNAD ALLOY CASTINGS PRIVATE LIMITED</b>  36-A/39 F Shivamogga, Bhadraavathi Industrial Area, Machenahalli, Shivamogga-577222 Tel: +91 9900 177820 Fax: +91 8182 246141 Email: jois@malnad.co.in Web: http://www.malndcastings.com Certificate Number: MD00/4154/0002/2 Expiry: 23/04/2019	Castings	carbon 0.90 carbon-manganese 0.90 alloy 0.90 austenitic stainless 0.90 duplex stainless 0.90	<b>Chennai</b>
<b>MIRA ALLOY STEELS (P) Ltd.,</b>  SF # 323, Sathy Road, Kurumbapalayam, Coimbatore-641107 Tel: +91 (0)422 2654008 Fax: +91 (0)422 2654004  E-mail: arun@miraalloysteels.com  web: www.miraalloysteels.com  Certificate No: MD00/4286/0002/2 Expiry Date: 04/02/2020	Castings	carbon 0.60 carbon-manganese 0.60 alloy 0.60 austenitic stainless 0.60	<b>Chennai</b>
<b>NOVA TECHNOCAST PVT LTD</b> Plot No.23-26,37,38 Ankur Industrial Complex, Shapar(Veraval), 360024 Dist.Rajkot,Gujarat Tel No +91 2827 252226 Fax +91 2827 252048 Email info@novatechnocast.com Web www.novatechnocast.com Certificate No MD00/3694/0003/2 Expiry date 26/10/2018	Castings	austenitic stainless 0.07	<b>Mumbai</b>
<b>PEEKAY STEEL CASTINGS (P) LIMITED</b>  Nallalam Calicut 673027 Kerala Tel: +91 495 242 2500 Mobile: +91 974 755 4473 Email: mailto:biju.p@peekaysteel.in Web: http://www.peekaysteel.com * accepted for approved applications. Certificate Number: MD00/3222/0004/2 Expiry: 12/03/2018	Castings	carbon 13.50 carbon-manganese 13.50 alloy 8.00 austenitic stainless 8.00 martensitic stainless* 8.00	<b>Chennai</b>
<b>PEEKAY STEEL CASTINGS (P) LTD.</b>  4/242 Chinnamaddam Palayam Bilichi Post Coimbatore-641019 Tel Number +91 (0)4254 275301 Fax Number +91 (o) 4254 274533 Email sales@pkcbe.co.in www.pkcbe.co.in Certificate number MD00/3988/0003/2 Expiry: 09/02/2018	Castings	carbon 0.34 carbon-manganese 0.34 alloy 0.07 austenitic stainless 0.08	<b>Chennai</b>

## List 2

### Approved Manufacturers of Steel Castings

Name and Address	Category	Grade, Max Weight Tonnes	Office
<b>PTC INDUSTRIES LTD</b>	Castings	carbon carbon-manganese austenitic stainless	<b>Chennai</b>
Malviya Nagar, Aishbagh, Lucknow, 226004 <i>Tel: +91 522 2265 300 or 301, 4051444 Fax: +91 522 2265 302 Mobile: +91 522 2265 302 Email : ptc@ptcil.com Web: http://www.ptcil.com</i> <i>Certificate Number: MD00/3658/0003/2 Expiry: 03/07/2018</i>		0.60 0.60 1.50	
<b>RAJAN TECHNO CAST PVT LTD</b>	Castings	carbon austenitic stainless	<b>Mumbai</b>
Shapar Industrial Area Shapar Village Road, Rajkot - Gondal Highway Dist-Rajkot 360024, Gujarat <i>Tel No +91 2827 252160-1 Fax No. +91 2827 252562</i> <i>Email info@rajantechcast.com</i> <i>Web www.rajantechcast.com</i> <i>Certificate No MD00/3692/0004/2 Expiry Date 26/10/2018</i>		0.10 0.07	
<b>SANDORI CASTINGS PVT. LTD.</b>	Castings	carbon carbon-manganese austenitic stainless duplex stainless	<b>Mumbai</b>
Survey No. 188, Plot No. 1, N/H-27B Gondal Road, Veraval(shaper), Dist. Rajkot - 360 024 (Gujarat) <i>Tel No: +91 2827 253400 Fax No: +91 2827 254394</i> <i>Email: sales@sandoricastings.com</i> <i>Web: www.sandoricastings.com</i> <i>Certificate No: MD00/4354/0003/2 Expiry Date 29/06/2020</i>		0.08 0.08 0.08 0.08	
<b>SANJIVANI CASTING PRIVATE LIMITED</b>	Castings	carbon carbon-manganese austenitic stainless	<b>Mumbai</b>
Survey No. 164, Gondal N. H. 27 SIDC Road, Veraval (Shapar) Ta: Kotada Sangani Dist: Raikot-360024 <i>Tel: +91 2827 254343, +91 2827 252024, +91 2827 254053 Fax: +91 2827 254394 Email to: sales@sanjivanicasting.com Web http://www.sanjivanicasting.com</i> <i>Certificate No. MD00/3879/0007/2 Expiry date: 19/01/2020</i>		0.06 0.06 0.06	
<b>SANMAR FOUNDRIES LIMITED</b>	Castings	carbon carbon-manganese alloy austenitic stainless duplex stainless high nickel alloy*	<b>Chennai</b>
(Foundry Division) 87/1, Vadugappatti Village Viralimalai 621 316 Pudukkottai District Tamil Nadu <i>Tel: +91 4339 220 249 Fax: +91 4339 220 012</i> <i>email: vgr1@sanmargroup.com web: www.sanmargroup.com</i> <i>Certificate No. MD00/3199/0004/2 Expiry date: 31/10/2017</i>		3.00 3.00 3.00 3.00 3.00 0.50	
<b>SIMPLEX CASTINGS LIMITED</b>	Castings	carbon carbon-manganese	<b>Mumbai</b>
(Special Castings Division) Urla Industrial Estate, Raipur - 493 221 <i>Tel: +91 771 2323483 Fax: +91 771 2323805</i> <i>email: sclura@simplexcastings.com</i> <i>Certificate No. MD00/4303/0002/2 Expiry Date: 01/04/2020</i>		25.00 25.00	
<b>SRI RANGANATHAR INDUSTRIES PVT. LTD.</b>	Castings	carbon carbon-manganese alloy austenitic stainless	<b>Chennai</b>
12/45, Thadagam Road Edayapalayam Coimbatore - 641 025 <i>Tel: +91 (0)422 4335999 Fax: +91 (0)422 4335900</i> <i>email: sri@sriindia.net web: www.sriindia.net</i> <i>Certificate No. MD00/3001/0005/2 Expiry date: 21/08/2018</i>		0.51 0.51 0.51 0.51	

## List 2 Approved Manufacturers of Steel Castings

Name and Address	Category	Grade, Max Weight Tonnes	Office
<b>SRI RANGANATHAR VALVES (P) LTD.</b>	Castings	carbon 4.50 carbon-manganese 4.50 alloy 4.20 austenitic stainless 3.90	<b>Chennai</b>
7/109, Thennampalayam Pirivu, Arasur, Coimbatore 641 407 Tel: +91 422 2400141, +91 422 4335999 Fax: +91 422 4335900 email : sri@sriindia.net web: www.sriindia.net Approval does not include weld repairs Certificate No: MD00/4578/0001/2 Expiry Date: 17/05/2019			
<b>SUEERAA ALLOYS GLOBAL PRIVATE LIMITED</b>	Castings	carbon 2.13 carbon-manganese 2.13 alloy 0.42 duplex stainless* 1.28	<b>Chennai</b>
315/2 Kandampalayam Sembiyannallur Village, Avanashi- 641 654 Coimbatore, Tamilnadu Tel No: +91 7373707444 Email: suku@sueeraaglobal.com.com Web: www.sueeraaglobal.com Certificate No. MD00/3705/0003/2 Expiry Date 18/11/2018			
<b>SUMANGAL CASTINGS Pvt. Ltd.</b>	Castings	carbon 0.03 carbon-manganese 0.03 austenitic stainless 0.03	<b>Mumbai</b>
Survey No. 154, Gondal N/H 8-B, SIDC Road Veraval (Shapar), Tal. Kotda Sangani Dist. Rajkot (Gujarat) Tel: +91 2827 252843 Fax: +91 2827 252842 Email:sales@SumangalCasting.com Web http://www.sumangalcasting.com Certificate No. MD00/4092/0002/2 Expiry date:12/11/2018			
<b>THE KCP LIMITED</b>	Castings	carbon 20.00 carbon-manganese 20.00 alloy 20.00	<b>Chennai</b>
Engineering Unit Tiruvottiyur Chennai, 600019 Tamilnadu Tel: +91 044 6677 2880 Fax: +91 044 6677 2802  Email: engineering@kcp.co.in & udayakumar@kcp.co.in  Website: www.kcp.co.in  Certificate No. MD00/4471/0001/2 Expiry date: 17/11/2018			
<b>VEEYES ALLOYS (P) LTD</b>	Castings	carbon 1.07 carbon-manganese 1.07 alloy 0.52 austenitic stainless 1.15	<b>Chennai</b>
SF No. 518 / 1A & 1B Thudiyalur Road, Vellankinar Post, Coimbatore - 641 029, TamilNadu. Tel: +91-422-2669959 & 2669992 Fax No. +91-522-2669991  E-mail: veeyes.alloys@gmail.com  Website: www.veeyessteel.co.in  Certificate No: MD00/4696/0001/2 Expiry Date: 21/08/2020			
<b>VULKAN Technologies Pvt. Limited</b>	Castings	alloy 0.10	<b>Mumbai</b>
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: MD00/3051/0001/2 Expiry: 19/01/2019			
<b>WESTERN PRECAST PVT. LTD.</b>	Castings	austenitic stainless 5.70	<b>Mumbai</b>

## List 2 Approved Manufacturers of Steel Castings

Name and Address	Category	Grade, Max Weight Tonnes	Office
Gat No. 170/171/1, J-90, Near Kupwad M.I.D.C. Sangli 416410, Maharashtra, Phone No.: +91 233 2644101 / 2644102, Fax No.: +91 233 2644612 email: western.precicast@gmail.com, web www.jsonsfoundry.com Certificate No: MD00/4606/0001/2 Expiry Date: 24/08.2019			

### Indonesia

<b>PT. BARATA INDONESIA (PERSERO).</b>	Castings	carbon carbon-manganese	6.00 6.00	<b>Surabaya</b>
Jl.Veteran No.241, Gresik 61123 Tel:+62 31 3990 555 Fax: +62 31 3990 666 Email: info@barata.co.id Web: www.barata.co.id Certificate No. MD00/3996/0003/2 Expiry date: 17/10/2020				

### Italy

<b>ACCIAIERIA FONDERIA CIVIDALE S.P.A.</b>	Castings	carbon carbon-manganese alloy	35.00 35.00 35.00	<b>Trieste</b>
Via delle Industrie No. 40 Zona Industriale 33043 Cividale del Friuli (Udine) Tel +39 432 706911 Fax +39 432 706920 Email:mailto:afcspa@afcspa.com web ; www.cividalespa.com  Certificate No. MD00/3149/0005/2 Expiry date: 01/04/2020				
<b>F.LLI GANDOSSI ACCIAIERIE ELETTRICHE S.p.A.</b>	Castings	carbon carbon-manganese	8.00 8.00	<b>Milan</b>
Via Roma 23 24027 Nembro (Bergamo) Tel. +39 35 4127003 Fax +39 35 523557 Email: info@gandossifonderie.it Certificate No. MD00/0473/0007/2 Expiry date: 19/09/2017				
<b>FAS S.p.A</b>	Castings	austenitic stainless duplex stainless	3.20 3.20	<b>Venice</b>
Fonderia Acciai Speciali s.s. 78 Km 6 62010 Urbisaglia (MC) Tel: +39 733 506639 Fax: +39 733 506597 Email to: c.vanni@fonderiefas.it Web: http://www.fonderiafas  Certificate No MD00/4012/0001/2 Expiry date 31/03/2018				
<b>FLAG S.R.L.</b>	Castings	carbon carbon-manganese alloy	0.67 0.67 0.67	<b>Venice</b>
Unipersonale Div. Fonderia, Via Enrico Mattei, 4, I 30020 Marcon (VE), Tel: +39 041599 7611 Fax: +39 041456 7646 email: info@flagfonderie.com Certificate No: MD00/4632/0001/2 Expiry Date: 24/11/2019				
<b>FONDINOX S.P.A.</b>	Castings	austenitic stainless duplex stainless	7.80 7.80	<b>Milan</b>
Via Marconi, 42/48 26010-Sergnano Cremona Tel: +39 (0)373 45651 Fax: +39 (0)373 455100 Email: fondinox@fondinox.com Web page http://www.fondinox.com  Certificate No. MD00/0520/0008/2 Expiry date: 21/09/2019				
<b>INOSSMAN FONDERIA ACCIAIO S.p.A. Unipersonale</b>	Castings	carbon carbon-manganese austenitic stainless	8.00 8.00 8.00	<b>Venice</b>
Viale dell' Industria, 4 33085 Maniago Pordenone Tel: +39 0427 706111 Fax: +39 0427 706200 Email: mailto:inossman@inossmanspa.com Website: www.cividalespa.com Certificate No. MD00/0772/0009/2 Expiry date: 09/03/2019				

## List 2 Approved Manufacturers of Steel Castings

Name and Address	Category	Grade, Max Weight Tonnes	Office
<b>ITALIAN CASTING s.r.l.</b>	Castings	carbon 0.40 austenitic stainless 0.20	<b>Milan</b>
Via Sottofenera Regione Baraggione 13011 Borgosesia (VC) Tel: +39 0163 438128 Fax: +39 0163 48046 Email: m.moia@itcasting.it Website: www.itcasting.it			
Certificate No.: MD00/3933/0003/2 Expiry date: 12/07/2020			
<b>LUCCHINI RS S.p.A.</b>	Castings	carbon 90.00 carbon-manganese 90.00 alloy 90.00 austenitic stainless 90.00	<b>Milan</b>
Via G. Paglia N.45 24065 Lovere Bergamo Tel: +39 035 963520 Fax: +39 035 963488 Email: al.carrara@lucchiniRS.it Web: http://www.lucchiniRS.it Certificate No. MD00/0949/0007/2 Expiry: 18/03/2018			
<b>S.A.F.A.S. Società Azionaria Fonderia Acciai Speciali S.p.A.</b>	Castings	carbon 10.00 carbon-manganese 10.00 austenitic stainless 0.35	<b>Venice</b>
Società Unipersonale Via Verona 23 36077 Tavernelle di Altavilla Vicentina (Vicenza) Tel: +39 0444 333 444 Fax: +39 0444 333 443 Email: mailto:info@safas.it Web:http://www.safas.it Certificate No. MD00/1260/0010/2 Expiry date: 31/05/2020			

## Japan

<b>AKIMOKU STEEL CASTING CO., LTD.</b>	Castings	carbon 6.80 carbon-manganese 6.80	<b>Yokohama</b>
26, Nakagawara Noshiro-City Akita-Pref 016-0814 Tel: +81 0185 52 6311 Fax: +81 0185 52 6314 Email: mailto:info@akimoku.co.jp Certificate No. MD00/0079/0006/2 Expiry date: 30/01/2017			
<b>AMAGASAKI STEEL CASTING CO., LTD.</b>	Castings	carbon 7.00 carbon-manganese 7.00	<b>Kobe</b>
3-1-8 Nishinagasu-cho Amagasaki Hyogo Pref. Tel +81 06 6401 4444 Fax +81 06 6401 4447 Email: mailto:seizou@amacyu.co.jp Certificate No. MD00/0101/0007/2 Expiry date: 03/05/2020			
<b>CHIYODA SEITETSU CO., LTD.</b>	Castings	carbon 3.50 carbon-manganese 3.50	<b>Yokohama</b>
2144 Isatsu Inashiki-city Ibaraki-pref 300-1411 Tel +81 297 87 2111 Fax +81 297 87 2112 email: mailto:osodo@chiyoda-seitetsu.jp Certificate No. MD00/0306/0008/2 Expiry date: 22/02/2020			
Weld repairs not approved			
<b>CHUETSU METAL WORKS CO., LTD.</b>	Castings	carbon 8.00 carbon-manganese 8.00 alloy 8.00 austenitic stainless 8.00 low alloy 8.00	<b>Yokohama</b>
Toyama Plant 1-1, Nishi-Ashiharashin Tateyama-machi Nakaniikawa-gun Toyama-prefecture Tel: +81 764 62 9514 Fax: +81 764 62 9555 Email:mailto:aoki@chuetsu-metal.co.jp web:http://www.chuetsu-metal.co.jp Certificate No. MD00/0311/0008/2 Expiry date: 05/08/2020	Propellers		



## List 2

### Approved Manufacturers of Steel Castings

Name and Address	Category	Grade, Max Weight Tonnes	Office
<b>DAIDO CASTINGS CO., LTD.</b>	Castings	carbon 8.00 carbon-manganese 8.00 alloy 8.00 austenitic stainless 8.00	<b>Kobe</b>
Cast Steel Product Division Nagoya Plant 10, Ryuguchō Minato-ku Nagoya Tel: +81 52 691 5106 Fax: +81 52 691 5184 Email: NARA@d-cast.jp Web: http://www.d-cast.jp Including ingots (Not for sale, used for sole consumption within the group) Certificate No. MD00/0376/0009/2 Expiry date: 09/03/2020			
<b>FUKUSHIMA STEEL WORKS CO., LTD.</b>	Castings	carbon 4.00 carbon-manganese 4.00 alloy 4.00 austenitic stainless 4.00	<b>Yokohama</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 Including corner fittings for freight containers Certificate No. MD00/2598/0007/2 Expiry date: 26/08/2020			
<b>HIROSHIMA METAL AND MACHINERY CO. LTD</b>	Castings	carbon 35.00 carbon-manganese 35.00 alloy 35.00	<b>Kobe</b>
1-2-43, Hiro Shiratake Kure City, Hiroshima, 737-0144 Tel No: +81 823 71 1144 Fax No: +81 823 73 6460 email y.osedo@kotokikogyo.co.jp web: www.kotobuki-ind.jp  Certificate No: MD00/4345/0004/2 Expiry 21/07/2020			
<b>IHI CORPORATION</b>	Castings	carbon 12.00 carbon-manganese 12.00	<b>Kobe</b>
Aioi Casting Workshop 5292 Aioi-shi Hyogo-pref. 678-0041 Tel: +81 (0)791 24 2702 Fax: +81 (0)791 24 2692  Certificate No. MD00/0782/0008/2 Expiry date: 16/01/2018			
<b>JAPAN CASTING &amp; FORGING CORPORATION</b>	Castings	carbon 350.00 carbon-manganese 350.00 alloy 350.00 austenitic stainless 350.00	<b>Nagasaki</b>
46-59, Sakinohama Nakabaru Tobata-Ku Kitakyushu City 804-8555 Including ingots. Tel: +81 93 884 0044 Fax: +81 93 873 1057 Email: mailto:katsuyuki_koga@jcf.co.jp Web: http://www.jcf.co.jp Certificate No. MD00/0790/0009/2 Expiry date: 27/04/2019 Materials Quality Scheme Approved - Approval No. MQS026			
<b>KAMAHARA STEEL CASTING MANUFACTURE CO., LTD.</b>	Castings	carbon 50.00 carbon-manganese 50.00	<b>Kobe</b>
222-1, Kureda Nankoku-shi Kochi-pref Tel: +81 (0)88 821 9001 Fax: +81 (0)88 821 9008 Email: mailto:mky@mb.infoyama.or.jp Web: http://www.kamahara.co.jp Certificate No. MD00/4431/0001/2 Expiry date: 19/01/2018			
<b>KAWABATA PROPELLER MFG. CO., LTD.</b>	Castings	austenitic stainless 0.23	<b>Kobe</b>
8-1 Oihara Yao Osaka Tel: +81 (0)72 991 1030 Fax: +81 (0)72 991 5826 Email: kp1@kawnet.jp Certificate Number: MD00/3291/0005/2 Expiry: 03/12/2018			

## List 2

### Approved Manufacturers of Steel Castings

Name and Address	Category	Grade, Max Weight Tonnes	Office
<b>KAWAGUCHI METAL INDUSTRIES CO., LTD.</b>	Castings	carbon 30.00 carbon-manganese 30.00 alloy 30.00	<b>Yokohama</b>
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.kawakinkk.co.jp Certificate No. MD00/0831/0007/2 Expiry date: 19/06/2018			
<b>KIYOMOTO CO., LTD.</b>	Castings	carbon 50.00 carbon-manganese 50.00	<b>Nagasaki</b>
Steel Casting Division 11125 Oaza Tonomi, Yamauchi-cho Takeo-city Saga-pref. 849-2395 Tel: +81 954 45 3511 Fax: +81 954 45 4826 E-mail: mailto:imurakami.s@kiyomoto.co.jp web: www.kiyomoto.co.jp Certificate No. MD00/0850/0008/2 Expiry date: 10/10/2017			
<b>KOBE STEEL, LTD.</b>	Castings	carbon 350.00 carbon-manganese 350.00 alloy 350.00 austenitic stainless 350.00	<b>Kobe</b>
Steel Casting and Forging Plant 3-1, 2 Chome Shinhamma Arai-cho Takasago-shi Hyogo-ken TTel: +81 794 45 7178 Fax: +81 794 45 7235  E-mail: yamanto.mitsuyoshi@kobelco.com  Web http://www.kobelco.co.jp  Including ingots.  MQS Approved - Approval No. MQS 053  Certificate No. MD00/0867/0008/2 Expiry date: 30/10/2018			
<b>KOSHIKAWA KOGYO CO., LTD.</b>	Castings	austenitic stainless 1.50	<b>Yokohama</b>
399-0723 No. 1590, Higashiyama Shiojiri Nagano Prefecture Tel +81 (0)263 56 2331 Fax: +81 (0)263 56 2908 Email: info@koshikawa.co.jp Web: www.koshikawa.co.jp Certificate No. MD00/3274/0005/2 Expiry date: 30/09/2018			
<b>KUBOTA CORPORATION</b>	Castings	carbon 30.00 carbon-manganese 30.00 alloy 30.00 austenitic stainless 30.00	<b>Kobe</b>
Hirakata Plant 1 Chome 1-1 Nakamiya Oike Hirakata Osaka 573-8573 Tel +81 072 840 1304 Fax +81 072 840 2700 email: tomohiro.ishikawa@kubota.co.jp web: http://www.kubota.co.jp Certificate No. MD00/0903/0007/2 Expiry date: 21/04/2018			
<b>KUREHA SEIKO CO., LTD</b>	Castings	carbon 6.00 carbon-manganese 6.00	<b>Kobe</b>
4-41, 5-Chome Takeshima-cho Nishiyodogawa-ku Osaka Tel +81 6 6471 4331 Fax +81 6 6475 0023 email: matsumoto@kurehaseiko.co.jp  Certificate No. MD00/0906/0007/2 Expiry date: 30/10/2019			

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### Approved Manufacturers of Steel Castings

Name and Address	Category	Grade, Max Weight Tonnes	Office
<b>KUROISHI CHUKOSHO CO. LTD.</b>	Castings	carbon carbon-manganese	<b>Kobe</b>
Otsu Plant 326-11, Nakajima, Okou-cho, Nankoku-shi, Kochi Pref., 783-0049, Tel: +81 88 860 0116 Fax: +81 88 860 2226 email: kuroti@way.ocn.ne.jp		0.68 0.68	
Certificate Number: MD00/3978/0002/2 Expiry date: 27/11/2017			
Approved heat treatment is carried by Kubo Heat Refining Co. Ltd, 301-6, Furukawa Town, Kounan City, Kochi Pref., 781-5242.			
<b>MAEKAWA ELECTRIC STEEL CASTING CO., LTD.</b>	Castings	carbon carbon-manganese	<b>Nagasaki</b>
Kanda Factory 44-1 Nagahama Kanda-cho Miyako-gun Fukuoka Pref. 800-0311 Tel +81 93 434 3432 Fax +81 93 434 1539 email: yamasaki@mesco-cast.co.jp Web: http://www.mesco-cast.co.jp Certificate No. MD00/0968/0006/2 Expiry date: 09/07/2016		32.00 32.00	
<b>mitsubishi Heavy Ind. Ltd.</b>	Castings	carbon carbon-manganese alloy austenitic stainless	<b>Kobe</b>
Kobe Shipyard & Machinery Works, 1, Minamifutami, Futami-cho, Akashi, Hyogo, Tel: +81 78 672 4340 Fax: +81 78 672 4355 E-mail: daisuke_ichii@mhi.co.jp Website: www.mhi.co.jp		25.00 25.00 25.00 25.00	
Certificate Number: MD00/4394/0002/2 Expiry date: 03/09/2017			
<b>MITSUI MEEHANITE METAL CO., LTD.</b>	Castings	carbon carbon-manganese alloy austenitic stainless	<b>Yokohama</b>
Date Steel Casting Div. 27 Hoshikuden Date-City Fukushima-Prefecture 960-0475 Tel +81 (0) 24 583 2121 Fax +81 (0) 24 551 2006 email: mw@mm.mes.co.jp web: www.m-meehanite.co.jp Certificate No. MD00/0393/0007/2 Expiry date: 17/09/2019		9.00 9.00 9.00 9.00	
<b>MITSUI MEEHANITE METAL CO., LTD.</b>	Castings	carbon alloy austenitic stainless	<b>Kobe</b>
TAMANO STEEL CASTING DIVISION 3-1-1, Tama Tamano City Okayama Pref. 706-8651 Tel +81 (0)863 23 2685 Fax +81 (0)863 23 2698 Email: mailto:24mura@mes.co.jp Certificate No. MD00/1309/0007/2 Expiry date: 05/11/2018		16.50 16.50 16.50	
<b>OKANO VALVE MFG. CO. LTD.</b>	Castings	carbon alloy	<b>Nagasaki</b>
Yukuhashi Works 4-4-1 Nishiizumi Yukuhashi City Fukuoka Pref 824-0038 Tel: +81 93 372 9231 Fax: +81 930 372 9256 email: takehiro-suenaga@okano-valve.co.jp web www.okano-valve.co.jp Certificate No. MD00/1143/0007/2 Expiry date: 19/03/2019		6.50 6.50	
<b>OKAZAKI TOKUSHU SEIKO CO., LTD.</b>	Castings	carbon carbon-manganese alloy austenitic stainless	<b>Kobe</b>
		2.50 2.50 2.50 2.50	

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### Approved Manufacturers of Steel Castings

Name and Address	Category	Grade, Max Weight Tonnes	Office	
1-5-40, Nakachaya Tsurumi-ku Osaka Tel: +81 6 6911 9351 Fax: +81 6 6911 9353 email: info@okatoku.com or hinkan@okatoku.com Web: http://www.okatoku.com				
Certificate No. MD00/1145/0008/2 Expiry date: 13/10/2020				
OZUKI STEEL INDUSTRIES CO., LTD	Castings	carbon carbon-manganese	9.00 9.00	Nagasaki
2316-1 Oaza Yoshida, Shimonoseki City, Yamaguchi Pref. 750-1101 Tel: +81 (0)832 82 1111 Fax: +81 (0)832 82 0970				
E-mail: D000120@pnet.gr.energia.co.jp				
Website: www.gr.energia.co.jp/ozuki				
Certificate No. MD00/1177/0008/2 Expiry date: 29/01/2020				
PACIFIC SPECIAL ALLOY CASTINGS CO.,LTD.	Castings	carbon carbon-manganese alloy austenitic stainless	5.00 5.00 5.00 5.00	Yokohama
Naoetsu Works 2-25-1, Minato-cho Joetsu-shi Niigata 942-0011 Tel: +81 (0) 255 43 7100 Fax: +81 (0) 255 43 5673 Email: mailto:sh-hasegawa@psc-cast.co.jp Web http://www.psc-cast.com				
The scope of approval does not include for the weld repair of steel castings.				
Certificate Number: MD00/1187/0007/2 Expiry: 17/07/2018				
RASA INDUSTRIES LTD.	Castings	carbon carbon-manganese	5.00 5.00	Nagasaki
HAINUZUKA WORKS 324-1, Hainuzuka, Chikugo-shi Fukuoka, 833-0003 Tel: +81 (0)942 52 7117 Fax: +81 (0) 942 52 7118 email: rasasteel@rasa.co.jp web: http://www.rasasteel.net				
Certificate Number: MD00/3745/0003/2 Expiry: 13/10/2018				
SANYO STAINLESS STEEL FOUNDRY LTD.	Castings	austenitic stainless	1.00	Kobe
4-4-12, Zenkonji-cho Higashiosaka-shi Osaka Tel +81 (0)729 88 2611 Fax +81 (0)729 88 3874 Email y.yukawa-sanyo.stain@wing.ocn.ne.jp				
Certificate No. MD00/1308/0007/2 Expiry date: 17/07/2019				
SEIWA SEIZOSHO CO., LTD.	Castings	carbon carbon-manganese austenitic stainless	0.45 0.45 0.45	Kobe
1152 Kusabe Nishi-ku Sakai Osaka-pref. Tel: +81 72-275-0061 Fax:+81 72-275-0063 Email hide@daijoubu.com				
Web: http://www.daijoubu.com/seiwa/index.htm				
Certificate No. MD00/3057/0007/2 Expiry date: 09/02/2016				
SHINKO IND.LTD.	Castings	austenitic stainless	1.20	Kobe
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. MD00/1363/0007/2 Expiry date: 19/09/2018				
TANIGUCHI JYU KOGYO CO., LTD.	Castings	carbon carbon-manganese alloy austenitic stainless	0.40 0.40 0.40 0.40	Kobe

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### Approved Manufacturers of Steel Castings

Name and Address	Category	Grade, Max Weight Tonnes	Office
1445, Koinumaru Issai-cho Tatsuno city Hyogo Pref. Tel +81 (0)791 66 1081 Fax +81 (0)791 66 2544 Email: masahiro.tanagucchi@taniguchijyuko.co.jp Web: www.taniguchijyuko.co.jp Certificate No. MD00/1488/0009/2 Expiry date: 08/06/2020 <b>THE JAPAN STEEL WORKS, LTD.</b>	Castings	carbon 200.00 carbon-manganese 200.00 alloy 200.00 austenitic stainless 200.00	<b>Yokohama</b>
Muroran Plant 4, Chatsu-machi Muroran Hokkaido 051-8505 Tel +81 (0)143 22 0451 Fax +81 (0)143 22 5736 Email: https://www.jsw.co.jp/en/contact/ Including Ingots Certificate No. MD00/1507/0008/2 Expiry date: 11/11/2018 <b>TOA VALVE ENGINEERING INC.</b>	Castings	carbon 8.00 carbon-manganese 8.00 alloy 8.00 austenitic stainless 1.00	<b>Kobe</b>
STEEL MANUFACTURING HEADQUARTERS 1700-1 Kawanishi Iga -city Mie 519-1425 Tel +81 595 45 4105 Fax +81 595 45 4109 Email mailto:naokazu.matsuda@toavalve.co.jp Web page http://www.toavalve.co.jp Certificate No. MD00/1485/0007/2 Expiry date: 24/07/2019 <b>TOCHU CORPORATION STEEL CASTING PLANT</b>	Castings	carbon 1.35 carbon-manganese 1.35 alloy 1.35 austenitic stainless 1.35	<b>Kobe</b>
1, Aza-Kitamukai, Oaza-Noma Mihama-cho Chita-gun Aichi-ken 470-3235 Tel +81 569 87 0521 Fax +81 569 87 1221 Email mailto:shinkichi.kigaku@tochu.com Web: http://www.tochu.com Certificate No. MD00/1538/0009/2 Expiry date: 20/05/2018 <b>TOKUSHU SEIKOSHO CO., LTD.</b>	Castings	carbon 22.50 carbon-manganese 22.50	<b>Kobe</b>
120, Inari-cho Kochi-shi 780-0814 Tel +81 (0)88 883 1291 Fax +81 (0)88 883 1424 Email: kensa@tukushuseikosho.co.jp Certificate No. MD00/1543/0009/2 Expiry date: 12/04/2020 <b>TSUNEISHI IRON WORKS Co., Ltd</b>	Castings	carbon 71.00 carbon-manganese 71.00	<b>Nagasaki</b>
Wakamatsu Steel Factory 43-1 Koyo-machi Wakamatsu-ward Kitakyushu-city, 808-0002 Tel: +81 (0)93 752 0770 Fax: +86 (0)93 752 0777 Email to: hideo.fukusada@tsuneishi.com Website: www.tsuneishi-iw.jp Certificate No.: MD00/4392/0004/2 Expiry Date: 11/10/2020 <b>UBE STEEL CO., LTD.</b>	Castings	carbon 120.00 carbon-manganese 120.00	<b>Nagasaki</b>
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@ube-ind.co.jp Website: www.ube-ind.co.jp/ubs Certificate No. MD00/1577/0008/2 Expiry date: 21/12/2018			

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### Approved Manufacturers of Steel Castings

Name and Address	Category	Grade, Max Weight Tonnes	Office
<b>YAMATO STEEL CO., LTD.</b>	Castings	carbon carbon-manganese	<b>Kobe</b>
380, Kibi, Ohtsu-ku Himeji City Hyogo-pref. 26.07.17 PI Complete - Test machines deleted due to LOAM error - WP29636243 SH Tel: +81 (0)792 73 0716 Fax: +81 (0)792 74 2692 Web: <a href="http://www.yamatokogyo.co.jp">http://www.yamatokogyo.co.jp</a> Email mailto: hmisumi@yamatosteel.co.jp Certificate No. MD00/1687/0014/2 Expiry date: 09/06/2020		110.00 110.00	
<b>YASAKA VALVE INDUSTRY CO., LTD.</b>	Castings	austenitic stainless	<b>Kobe</b>
Osaka 3-2-6, Wakamatsu-cho higashi Tondabayashi-city Osaka 584-0023 Tel: +81 721 25 6211 Fax: +81 721 25 6246 email: fukushima@yasaka-valve.jp  Certificate No. MD00/3524/0004/2 Expiry date: 03/02/2020		0.80	
<b>YONAGO STEEL CO., LTD.</b>	Castings	carbon carbon-manganese alloy austenitic stainless	<b>Kobe</b>
88-1 Tomimasu-cho Yonago-shi Tottori Pref. Tel: +81 (0)859 28 8111 Fax: +81 (0)859 28 8120 Email nitta-y@yonago.co.jp Web www.yonago.co.jp Certificate Number: MD00/1692/0007/2 Expiry: 11/12/2018		20.00 20.00 20.00 20.00	
<b>Korea</b>			
<b>ACE STEEL COMPANY LIMITED</b>	Castings	carbon carbon-manganese austenitic stainless	<b>Busan Port</b>
#75-1, Gimhae-daero 1099beon-gil, Hallim-myeon, Gimhae-si, Gyeongnam, Tel: +82 55 346 6797/8 Fax: +82 55 346 6799 Email mailto:acesteel@ace-steel.co.kr Certificate Number: MD00/3731/0003/2 Expiry date: 17/01/2019  Heat treatment is sub-contracted to: Il Sin Heat Treatment Co., Ltd		0.55 0.55 0.13	
<b>BUSAN MATERIAL IND. CO., LTD.</b>	Castings	carbon carbon-manganese alloy	<b>Busan Port</b>
54, Noksansandan 382-Ro, 49beon-gil, Gangseo-gu Busan Tel: +82 (0)51 832 0961 Fax: +82 (0)51 832 0967 email: bmi0501@hanmail.net www.ibmico.kr Certificate No. MD00/3272/0005/2 Expiry date: 06/10/2020		4.20 4.20 2.00	
<b>CHUN HO CASTING CO., LTD.</b>	Castings	carbon carbon-manganese austenitic stainless	<b>Seoul</b>
2-1, Ongjeong-ro, Daegot- myun, Gimpo-si, Gyeonggi-do Tel No: +82 31 989 4741 Fax No: +82 31 989 4743 email: isg4830@naver.com Certificate No MD00/4046/0002/2 Expiry Date 01/07/2018		9.00 9.00 5.00	
<b>DAE SHIN METAL CO., LTD.</b>	Castings	carbon austenitic stainless	<b>Busan Port</b>
25, Jangin-ro 20 beon-gil Sasang-Gu Busan Tel: +82 (0)51 323 9992 Fax: +82 (0)51 323 9991 Email: ds3239992@nate.com Certificate No. MD00/2943/0006/2 Expiry date: 17/12/2017		3.00 0.27	
<b>DAE YOUNG METAL IND. CO., LTD.</b>	Castings	carbon carbon-manganese alloy	<b>Seoul</b>
		22.00 22.00 6.20	

Name and Address	Category	Grade, Max Weight Tonnes	Office	
131, Daehwa-ro, 32 beon-gil, Daedeok-gu Daejeon <i>Tel: +82 42 621 0808 Fax: +82 42 621 0807 Email: dymi1@chol.com</i>  <i>Certificate Number: MD00/2952/0008/2 Expiry: 10/02/2018</i> <b>DAEBANG SPECIAL STEEL CO., LTD.</b>	Castings	carbon	89.00	Busan Port
		carbon-manganese	89.00	
79, Seobu-ro 1541 beonan-gil, Juchon-myeon, Kimhae-Si, Kyung Nam <i>Tel: +82 55 329 1600 Fax: +82 55 329 1603</i> <i>email: jmjung@dbssteel.co.kr web:www.dbssteel.co.kr</i>  <i>Certificate No. MD00/0412/0011/2 Expiry date: 21/02/2018</i> <b>DAECHANG SOLUTION CO., LTD.</b>	Castings	carbon	20.00	Busan Port
		carbon-manganese alloy	20.00 20.00	
Busan 147, Dasan-ro Saha-Gu Busan <i>Tel: +82 51 600 1679 Fax: +82 51 264 0837</i> <i>Email: mailto:j.h.park@dcm.co.kr</i> <i>Web: www.dcm.co.kr</i> <i>Certificate No. MD00/0365/0009/2 Expiry date: 23/08/2018</i> <b>DAECHANG SOLUTION CO., LTD.</b>	Castings	carbon	44.00	Ulsan
		carbon-manganese alloy	44.00 12.50	
ULJU PLANT 387-22, Sandong-Ro, Samdong-Myun, Ulju-Gun, Ulsan <i>Tel: +82 52 711 7756 Fax: +82 52 711 7771</i>  <i>Email: mail to: neoimp@dcm.co.kr</i>  <i>Web http://www.dcm.co.kr</i>  <i>Certificate No. MD00/3647/0005/3 Expiry date: 04/07/2018</i>	Castings	carbon	6.00	Busan Port
		carbon-manganese alloy	6.00 6.00	
1496 Seobu-ro, Naesam-ri, Joochon-myeon Kimhae-si Kyungnam <i>Tel: +82 55 329 4741 Fax: +82 55 329 5333 Email: mailto:mansb138@daum.net Web: http://www.daejinmetal.com</i> <i>Certificate No. MD00/1939/0007/2 Expiry date: 11/02/2019</i> <b>DAELIM METAL CO., LTD.</b>	Castings	carbon	1.50	Busan Port
		carbon-manganese austenitic stainless	1.50 1.50	
#5, Garisae 3-ro, Gangseo-gu, Busan <i>Tel: +82 (0)51 972 5900 Fax: +82 (0)51 972 5252</i> <i>email: letsbird@hanmail.net</i>  <i>Certificate No: MD00/4731/0001/2 Expiry Date: 02/11/2020</i> <b>DAI HAN STEEL Co., Ltd.</b>	Castings	carbon	4.00	Seoul
		carbon-manganese	4.00	
182, Hwanggeum-ro, 127 Beon-gil, Yangchon-eup, Gimpo-si, Gyeonggi-do, <i>Tel: +82 (0)31 996 2234 Fax: +82 (0)31 997 6565 Mob: +81 (0)10 6390 9062</i> <i>email: hong9062@naver.com</i>  <i>Certificate No. MD00/0377/0007/2 Expiry date: 04/01/2020</i>				

## List 2

### Approved Manufacturers of Steel Castings

Name and Address	Category	Grade, Max Weight Tonnes	Office
<b>DAV METAL Co., Ltd.</b>	Castings	carbon 4.00 carbon-manganese 4.00 alloy 4.00 austenitic stainless 1.00 duplex stainless 1.00	<b>Jinhae</b>
61, Myeongje-ro Jinhae-gu Changwon-si, Gyeongsangnam-do Tel: +82 (0)55 545 2430 Fax: +82 (0)55 546 2888 Mob: +82 (0)10 2372 6353 email: tysmc@naver.com			
Certificate No. MD00/2196/0008/2 Expiry date: 05/05/2020			
<b>DONG DO TECH CO. LTD.</b>	Castings	carbon 0.50 carbon-manganese 0.50 alloy 0.50	<b>Busan Port</b>
49-95, Seobu-ro 1499 beon-gil Juchon-myeon Gimhae-si Tel +82 (0) 55 338 4893 Fax +82 (0) 55 338 4897 Email: dongdoal@kornet.net Web http://www.dongdometal.koreasme.com Certificate No. MD00/3179/0006/2 Expiry date: 20/06/2020			
<b>DOOSAN HEAVY INDUSTRIES &amp; CONSTRUCTION CO., LTD.</b>	Castings	carbon 330.00 carbon-manganese 330.00 alloy 330.00 austenitic stainless 330.00	<b>Changwon</b>
Changwon Plant 22, Doosanvolvo-ro, Seongsan-gu, Changwon, Kyungnam, Tel +82 55 278 4746 Fax no. +82 55 278 8506 youngsu.bae@doosan.com web www.doosanheavy.com Certificate No. MD00/0883/0007/2 Expiry date: 07/03/2019			
<b>HAB SIM CAST STEEL CO., LTD.</b>	Castings	carbon 1.50 carbon-manganese 1.50 alloy 1.50 austenitic stainless 1.50	<b>Busan Port</b>
#959-7, Jangrim-Dong Saha-Gu Busan Tel: +82 51 266 4695 / 4696 Fax: +82 51 265 2228 Email: habsim@hanmail.net Web: http://www.habsim.co.kr			
Certificate No. MD00/2913/0007/2 Expiry date: 31/08/2017			
<b>HAN KOOK STEEL CO., LTD.</b>	Castings	carbon 70.00 carbon-manganese 70.00	<b>Changwon</b>
#228, Jangbaek-ro, Gunbuk-myeon Haman-gun Gyeongnam Tel +82 55 585 7001 Fax +82 55 585 5755 email: jwj8662@naver.com web: www.hascokorea.com			
Certificate No. MD00/0651/0008/2 Expiry date: 12/11/2019			
<b>HANKOOK STEEL &amp; INGOT CO., LTD.</b>	Castings	carbon 50.00 carbon-manganese 50.00	<b>Changwon</b>
585, Jangbaek-ro Beopsu-myeon Kyungnam Tel: +82 (0)55 583 1160 Fax: +82 (0)55 583 1161 Email mailto:kw6517@hanmail.net Web site : www.hksteel.co.kr The scope of approval also includes for Ingots in carbon, carbon-manganese and alloy grades to 50 tonnes maximum weight. Certificate No. MD00/3289/0007/2 Expiry date: 03/12/2018			
<b>HANKUK SPECIAL STEEL CO., LTD.</b>	Castings	carbon 8.00 carbon-manganese 8.00 alloy 8.00	<b>Seoul</b>
75, Daehwa-ro 132 beon-gil, Daedeok-gu Daejeon Tel: +82 42 931 6300 Fax: +82 42 931 6305 Email: mailto:ssp610@hansco.kr Web: http://www.hansco.kr Certificate No. MD00/0652/0008/2 Expiry date: 09/01/2020			



## List 2

### Approved Manufacturers of Steel Castings

Name and Address	Category	Grade, Max Weight Tonnes	Office
<b>HIMET Corporation</b>  50, Hwang geum 1-ro, Yangchon-eup, Gimpo-si, Gyeonggr-do, <i>Tel: +82 (0) 31 670 2512 Fax: +82 (0) 31 677 6464</i>  <i>E-mail: yang.woosung@himet.co.kr</i>  <i>Heat treatment sub-contracted to Kyung-In Metal Treatment Co.</i>  <i>Website: www.himet.co.kr</i>  <i>Certificate Number: MD00/0630/0008/2 Expiry: 14/04/2019</i>	Castings	carbon 5.00 carbon-manganese 5.00 alloy 5.00 austenitic stainless 5.00 duplex stainless 5.00	Seoul
<b>HYUNDAI STEEL COMPANY</b>  Inchon Plant 63, Jungbong-Daero Dong-Gu Inchon <i>Tel: +82 32 760 2627 Fax: +82 32 760 2866 Email: 2008115@hyundai-steel.com Web: http://www.hyundai-steel.com</i> <i>Certificate Number: MD00/0754/0007/2 Expiry date: 04/01/2017</i>	Castings	carbon 130.00 carbon-manganese 130.00 alloy 130.00	Seoul
<b>I.R.D CO., LTD.</b> 1074-1, Songhyun-ri Chillye-myun Kimhae, Kyungnam <i>Tel: +82 55 722 8045 Fax: +82 55 345 6977 Email: mail to: bsjang@turbine.co.kr Web: http://www.turbine.co.kr</i> <i>Certificate No. MD00/3140/0007/2 Expiry date: 17/02/2020</i>	Castings	high nickel alloy* 0.08	Changwon
<b>JB HEUNG METAL CO LTD</b>  50, gaya-daero 48 beon-gil, Sasang -gu, Busan, <i>Tel: +82 51 317 2471 Fax: +82 51 317 2445</i> <i>Email: dermill@naver.com</i> <i>Certificate Number: MD00/3679/0003/2 Expiry: 12/09/2018</i>	Castings	carbon 1.36 carbon-manganese 1.36	Busan Port
<b>JUWON SPECIAL STEEL CO., LTD.</b>  11-18, Dudng-ro Jinhae-gu Changwon-si Gyeongsangnam-do <i>Tel: +82 55 551 9101 Fax: +82 55 551 9109 E-Mail mailto:spshin@juwonkorea.com Web http://www.juwonkorea.com</i> <i>The scope of approval does not include for weld repairs to carbon, carbon-manganese and alloy grade steel castings.</i> <i>Heat treatment is sub-contracted.</i> <i>Certificate No. MD00/3233/0005/2 Expiry date: 17/03/2018</i>	Castings	carbon 2.50 carbon-manganese 2.50 alloy 2.50 austenitic stainless 2.50	Jinhae
<b>KEY SUNG METAL CO., LTD.</b>  Steel Casting Factory 135, Hwajeonsandan 1-Ro Gangseo-Gu Busan <i>Head Office #1478-2, Songjung-Dong, Kangseo-Gu, Pusan.</i> <i>Tel +82 51 831 3391 Fax: +82 51 831 3390 Email mailto: moon1774@keysungmetal.com</i> <i>Certificate No. MD00/3514/0005/2 Expiry date: 08/07/2020</i>	Castings	carbon 0.70 carbon-manganese 0.70	Busan Port
<b>KOR METAL Co., LTD.</b>  No.56, Noksansandan 382 Ro 60 Beon-Gil, Kangseo-Gu, Busan-Si, <i>Tel: +82 51 831 8700 Fax: +82 51 831 2932</i> <i>email: qc@kormetal12.co.kr</i> <i>Certificate No. MD00/4177/0002/2 Expiry Date: 09/06/2019</i>	Castings	carbon 0.40 carbon-manganese 0.40 austenitic stainless 0.40	Busan Port

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### Approved Manufacturers of Steel Castings

Name and Address	Category	Grade, Max Weight Tonnes	Office
<b>KOREA LOST-WAX CO., LTD.</b>	Castings	alloy high nickel alloy*	0.10 0.05
#363-74, Gongdan 1-Daero, Siheung-City, Gyeonggi-Do, 15074 Tel: +82 31 499 8485 Fax: +82 31 431 6091 email: cyp@lostwax.co.kr Web: www.lostwax.co.kr  Certificate No. MD00/2664/0008/2 Expiry date: 09/03/2020  Not approved for weld repairs.  * Investment casting alloy types G-Ni75MoTiAl (INCO 713LC) and INCO 713C accepted for approved applications.			Seoul
<b>KOREA STEEL POWER CO., LTD.</b>	Castings	carbon carbon-manganese alloy austenitic stainless	1.00 1.00 1.00 1.00
113-39, Seabu-ro 1499 Beon-gil, Juchon-myeon, Gimhae-si, Gyeongsangnam-do, Tel: +82 (055) 338 4920-1 Fax +82 (0)55 338 4924 Mob: +82 010 6650 2650 email: kspc@kspc.co.kr / asidpump@naver.com web www.kspc.co.kr Work address: 113-39, Saobu-ro, 1499beon-gil, Juchon-myeon, Gimhae-si, Gyeongsangnam-do, Korea Certificate No. MD00/3157/0007/2 Expiry date: 07/05/2020			Busan Port
<b>KUM HWA CAST STEEL &amp; INDUSTRIAL MACHINERY CO., LTD.</b>	Castings	carbon carbon-manganese	49.00 49.00
25 Sojugongdan 4-gil, Yangsang-Si, Gyeongsangnam-do Tel: +82 55 365 3300 Fax: +82 55 363 1566 email: qakumkwa@naver.com web: www.khcast.com Certificate Number: MD00/0905/0008/2 Expiry: 09/04/2019			Busan Port
<b>KUM HWA CAST STEEL &amp; INDUSTRIAL MACHINERY CO., LTD.</b>	Castings	carbon carbon-manganese	2.80 2.80
(2nd Plant) 6, Oesan 1-gil, Yangsang-si, Kyungnam 626-841 Tel: +82 (0)55 387 3336 Fax: +82 (0)55 387 9342 email: qakumhwa@naver.com web: www.khcast.com Certificate No: MD00/4520/0001/2 Expiry Date: 20/10/2018  Not approved for weld repair.			Busan Port
<b>KUM HWA STEEL</b>	Castings	carbon carbon-manganese austenitic stainless duplex stainless*	1.20 1.20 1.20 0.28
5, Namui-ro 43 beon-gil Jinhea-Gu Chang-won-Si Gyeongsangnam-do Tel: +82 (0)55 544 2306/7 Fax: +82 (0)55 544 2308 Email mailto: kumhwasteel@hanmail.net Web http://www.kumhwasteel.com Certificate No. MD00/3569/0005/2 Expiry date: 16/08/2020			Busan Port
<b>MCM CO., LTD (Modern Casting &amp; Metals Co., Ltd)</b>	Castings	carbon carbon-manganese austenitic stainless	0.10 0.10 0.03
37, Mieumsandan 3-ro Gangseo-gu Busan Tel: +82 (0) 51 832 0505~6 Fax: +82 (0) 51 832 0507 Email: mcm21cokr@hanmail.net Web: www.mcm21.co.kr Certificate No. MD00/3213/0006/2 Expiry date: 27/10/2017			Busan Port
<b>OHSUNG INVESTMENT CASTING CO. LTD</b>	Castings	carbon carbon-manganese austenitic stainless	0.01 0.01 0.01

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### Approved Manufacturers of Steel Castings

Name and Address	Category	Grade, Max Weight Tonnes	Office
24, Noksansandan 261-ro 59beon-gil, Gangseo-gu, Tel: +82-51-831-3366 Fax: +82-51-831-3370  E-mail: <a href="mailto:osic@osic.kr">osic@osic.kr</a>  Website: <a href="http://osinvcast.com">http://osinvcast.com</a>  Certificate No: MD00/4585/0001/2 Expiry Date: 01/06/2019			
<b>PK VALVE CO., LTD.</b> 80,Gongdan-ro Seongsan-gu Changwon Gyungnam Tel: +82 55 268 3831 Fax: +82 55 286 2112 Email: <a href="mailto:mailto:nuclear@pkvalve.co.kr">mailto:nuclear@pkvalve.co.kr</a> web: <a href="http://www.pkvalve.co.kr">http://www.pkvalve.co.kr</a> Certificate No. MD00/1191/0009/2 Expiry date: 03/05/2020	Castings	carbon carbon-manganese 3.00 3.00	Changwon
<b>POONG JIN METAL CO., LTD.</b> 229 Noksaneopbuk-ro Gangsep-gu Busan Tel: +82 51 831 8510 Fax: +82 81 831 8514 Email <a href="mailto:mailto:pjgm1@pjmt.co.kr">mailto:pjgm1@pjmt.co.kr</a> Certificate No. MD00/2622/0006/2 Expiry date: 12/08/2019	Castings	carbon carbon-manganese 0.32 0.32	Busan Port
<b>SAMJUNG SUPERALLOYS CO., LTD.</b> 49-22, Jangyu-ro115beon-gil Gimhae-si Gyeongsangnam-do Tel: +82 55 314 8088 Fax: +82 55 314 8089 Email <a href="mailto:sj22266@hanmail.net">sj22266@hanmail.net</a> Web: <a href="http://www.sjsuperalloys.com">http://www.sjsuperalloys.com</a> Heat treatment is sub-contracted. Certificate Number: MD00/3577/0004/2 Expiry: 29/03/2018	Castings	carbon carbon-manganese alloy austenitic stainless 5.00 5.00 5.00 1.50	Changwon
<b>SAMWOO KJS TEC. CO. LTD.</b> 328, Woongnam-ro. Seongsan-Gu, Changwon-Si, Gyeongsangnam-Do, Tel +82 55 212 9270 Fax +82 55 285 1666 email: <a href="mailto:itnoj7331@kjs.co.kr">itnoj7331@kjs.co.kr</a> web: <a href="http://www.kjs.co.kr">www.kjs.co.kr</a>  Certificate No. MD00/0881/0007/2 Expiry date: 04/12/2019	Castings	carbon carbon-manganese 1.00 1.00	Changwon
<b>SAMYOUNG M-TEK CO., LTD.</b> 631-35, Samchil-ro, Chilsu-myun, Haman-kun, Kyungnam Tel: +82 55 589 7162 Fax: +82 55 589 7112 email: <a href="mailto:mailto:crispy@sym-tek.co.kr">mailto:crispy@sym-tek.co.kr</a> web: <a href="http://www.symtek.co.kr">www.symtek.co.kr</a> Certificate No. MD00/2213/0006/2 Expiry date: 06/05/2016	Castings	carbon carbon-manganese alloy 18.00 18.00 18.00	Changwon
<b>SE KANG M-TEK CO. LTD.,</b> 491-27, Dabok-ro, Boksu-myeon, Geumsan-gun, Chungcheongnam-do, Tel No: +82 42 6244344 Fax No: +82 41 752 7344 email: <a href="mailto:sekangmt@yahoo.co.kr">sekangmt@yahoo.co.kr</a>  Certificate no MD00/4060/0002/ 2 Expiry date 30/07/2018	Castings	carbon carbon-manganese alloy 16.00 16.00 16.00	Seoul
<b>SHIN YOUNG METAL CO., LTD.</b> 910-3, Jiangrim-Dong, Saha-Gu Busan Tel No: +82 51 263 1433 Fax No:+82 51 263 1006 email: <a href="mailto:cgpark@tspco.co.kr">cgpark@tspco.co.kr</a> Certificate No: MD00/4250/0002/2 Expiry Date 04/11/2019	Castings	carbon carbon-manganese 1.68 1.68	Busan Port

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### Approved Manufacturers of Steel Castings

Name and Address	Category	Grade, Max Weight Tonnes	Office
<b>SM METAL CO., LTD.</b> #33, Gwahaksandan-ro, 369beon-gil, Gangseo-gu <i>Tel: 051 831 8751 Fax: 051 831 8753</i> <i>email: sm78253@hanmail.net</i>  <i>Certificate No: MD00/4397/0002/2 Expiry Date: 22/10/2017</i>	Castings	austenitic stainless	0.04
			<b>Busan Port</b>
<b>STX HEAVY INDUSTRIES CO., LTD.</b> Daegu Factory 533, Dalseodaero Dalseo-gu, Daegu <i>Tel no: +82 53 722 6253 Fax +82 53 722 6698 Mob: +82 10 4607 4147</i> <i>email: baek@onestx.com web: www.stxhi.co.kr</i> <i>Certificate No. MD00/3880/0004/2 Expiry date 19/01/2020</i>	Castings	high nickel alloy*	0.07
			<b>Changwon</b>
<b>SUNGSIN METAL Ind. Co., Ltd.</b>  491-44 Dabokro, Boksu-myun, Geumsan-gun, Chungnam, <i>Tel: +82 41 753 2877 Fax: +82 41 753 2876</i> <i>email: mins9552@sungsinmetal.com</i> <i>Certificate No. MD00/3158/0007/2 Expiry date: 08/04/2020</i>	Castings	carbon carbon-manganese alloy	7.00 7.00 7.00
			<b>Seoul</b>
<b>TAE CHANG PRECISION CO., LTD.</b> #1612-4 Songjung-dong, Gangseo-gu, Busan, <i>Tel: + 82 51 831 5005 Fax: + 82 51 831 5008</i> <i>web: www.taechangpi.co.kr</i>  <i>Certificate Number: MD00/3921/0003/2 Expiry date: 07/06/2020</i>  <i>Approved for investment castings in grades 316, 316L, 304, 304L &amp; 317.</i> <i>No weld repairs permitted.</i>	Castings	austenitic stainless	0.06
			<b>Busan Port</b>
<b>TAE HEUNG METAL CO., LTD.</b>  Gimhae-si 87-82, Sangdong-ro, 375 beon-gil Sangdong-myeon, Gimhae-si, Gyeongsangnam-do <i>Tel: +82 55 322 8480 Fax: +82 55 322 8481</i> <i>Email: th98a@naver.com</i> <i>Certificate No. MD00/3563/0003/2 Expiry date: 07/02/2018</i>	Castings	carbon carbon-manganese	2.90 2.90
			<b>Busan Port</b>
<b>TAE YOUNG METAL Co., Ltd.</b>  27-22 NoksanSandan 290-ro, Gang Seo-gu, Busan, <i>Approval for Austenitic Stainless Steel is restricted to ingots only.</i>  <i>Tel: +82 51 972 0100 Fax: +82 51 972 9140 Email: tymetal@tymetal.net</i> <i>Certificate: MD00/3672/0004/2 Expiry date: 02/10/2018</i>	Castings	carbon carbon-manganese alloy austenitic stainless	12.50 12.50 12.50 25.00
			<b>Busan Port</b>
<b>WON KANG METAL CO., LTD.,</b>  1607-56, Naepo-ro Galsan-myeon, Hongsung-gun, Chungcheongnam-do <i>Tel No: +82 41 630 8030 Fax No: +82 41 630 8099</i> <i>Email: windtoy@wonkangmetal.com</i> <i>Web: www.wonkangmetal.kr</i> <i>Certificate No: MD00/4066/0002/2 Expiry Date 11/08/2018</i>	Castings	carbon carbon-manganese alloy austenitic stainless	4.48 4.48 1.07 3.89
			<b>Seoul</b>
<b>WONKWANG MATERIAL Co. LTD</b>	Castings	carbon carbon-manganese austenitic stainless	0.43 0.43 0.42
			<b>Busan Port</b>

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### Approved Manufacturers of Steel Castings

Name and Address	Category	Grade, Max Weight Tonnes	Office
<b># 287-13, Noksansaneopjung, Songjeong-dong, Gangeo-gu, Busan.</b> <i>Tel: +82-899-8752 Fax: +82-51-899-8770</i>  <i>E-mail: wkmaterial@hanmail.net</i>  <i>Certificate No: MD00/4567/0002/2 Expiry date: 14/04/2019</i>			
<b>WOORI INDUSTRY CO., LTD.</b>	Castings	carbon 29.50 carbon-manganese 29.50 alloy 9.00 austenitic stainless 2.30	<b>Changwon</b>
#49-8, Jangyu-ro 115 beon-gil, Gimhae-si Gyeongsangnam-do <i>Tel: +55 312 2161 Fax: +55 312 2163</i> <i>Email: wric2162@hanmail.net</i>  <i>Certificate No. MD00/4362/0003/2 Expiry date: 19/07/2020</i>			
<b>Norway</b>			
<b>STAVANGER STEEL AS</b>	Castings	carbon 10.00 carbon-manganese 10.00 austenitic stainless 10.00 duplex stainless 10.00 martensitic stainless* 10.00	<b>Stavanger</b>
Staalverksvegen 51 N-4100 Jørpeland <i>Tel +47 51 74 34 00 Mob: +47 907 47 955</i> <i>email: morten.naess@stavangersteel.no web: www.stavangersteel.no</i>  <i>* accepted for approved applications</i>  <i>Certificate No. MD00/1313/0010/2 Expiry date: 12/08/2020</i>	Propellers	duplex stainless 10.00	
<b>Poland</b>			
<b>HUTA MALAPANEW Sp. z o.o.</b>	Castings	carbon 12.00 carbon-manganese 12.00 alloy 2.00 austenitic stainless 1.00 martensitic stainless* 1.00	<b>Katowice</b>
ul. Kolejowa 1 46-040 Ozimek <i>Tel +48 77 401 85 53 Fax +48 77 401 85 15 Mob: +48 512 422 587</i> <i>email: hmhandel@malapanew.com.pl web: www.malapanew.com.pl</i>  <i>Certificate No. MD00/0721/0011/2 Expiry date: 03/09/2020</i>  <i>Including corner fittings for freight containers.</i>			
<b>METALODLEW S.A.</b>	Castings	carbon 6.00 carbon-manganese 6.00	<b>Katowice</b>
ul. Ujastek 1 31-752 Krakow <i>Tel: +48 12 688 7190 Fax: +48 12 688 7101 Email: mailto: prozkrut@metalodlew.pl</i> <i>Web: http://www.metalodlew.pl</i> <i>Certificate No. MD00/2305/0007/2 Expiry date: 20/03/2017</i>			
<b>PIOMA-ODLEWNIA Sp. z o.o.</b>	Castings	carbon 5.00 carbon-manganese 5.00 alloy 3.47	<b>Katowice</b>
ul. R. Dmowskiego 38 97-300 Piotrków Trybunalski <i>Tel: +48 44 648 95 80 Fax: +48 44 648 97 39</i> <i>email marcin.mastalerz@pgosa.pl web www.pioma-odlewnia.com.pl</i>  <i>Certificate No. MD00/2930/0007/2 Expiry date: 16/11/2020</i>			
<b>Pioma-Odlewnia Stalowa Wola</b>	Castings	carbon 3.20 carbon-manganese 3.20	<b>Katowice</b>

## List 2

### Approved Manufacturers of Steel Castings

Name and Address	Category	Grade, Max Weight Tonnes	Office
ul. Kwiatkowskiego 1 37-450 Stalowa Wola Tel: +48 15 813 6396 Fax: +48 15 813 5952 Email: odlewniasw@pgosa.pl Web: www.pgosa.pl  Certificate: MD00/4715/001/2 Expiry: 04/05/2020			

## Portugal

<b>DURITCAST, SA</b>  Rua Vale do Salgueiró, 1044 Raso do Salgueiró, ZI EN1 Norte, 3750-753 TRAVASSÓ AGD, Tel +351 234 610 500 Fax +351 234 623 286 Email duricast@duritcast.pt Certificate No. MD00/3901/0003/2 Expiry date: 09/04/2020	Castings	carbon carbon-manganese	2.05 2.05	Lisbon
<b>FERESPE-FUNDAÇÃO DE FERRO E AÇO LDA</b> Rua da Brasiela nr. 60 4760-485 Fradelos V.N. Famalicão Tel: +351 252 490 470 Fax: +351 252 5490 479 Email to: ferespe@ferespe.pt Web http://www.ferespe.pt Certificate No: MD00/4221/0002/2 Expiry Date 02/09/2019	Castings	austenitic stainless	0.10	Lisbon
<b>FRASAM -Fundições do Rossio de Abrantes, S.A.</b>  Rua Fernando José Soares Mendes, No 2 Rossio ao Sul do Tejo, 2205-047 Abrantes Tel No : +34 351 241 331 450 Fax No: +34 351 241 331 222 email : geral@frasam.com web : www.frasam.com Certificate No: MD00/4276/0002/2 Expiry date 01/01/2020 Scope of approval does not include weld repairs	Castings	carbon carbon-manganese alloy	3.36 3.36 3.36	Lisbon
<b>Fundição do Alto da Lixa, S.A.</b>  Telões Amarante, Apartado 12 P-4615-909 Lixa Tel: +351 255 490 430 Fax: +351 255 490 439 Email: fal@fal.pt Web: http://www.fal.pt Certificate No. MD00/4643/0001/2 Expiry Date 18/12/2019	Castings	carbon carbon-manganese alloy	1.80 1.80 1.80	Lisbon

## Romania

<b>DOOSAN IMGB S.A.</b>  Berceni Road Nr. 104 Sector 4 041919 Bucharest Tel: +40 21 301 2849 Fax: +40 21 301 2502  Email: mihai.ciorneanu@doosan.com  Website: www.doosanimgb.com  Certificate No. MD00/1259/0009/2 Expiry date: 08/09/2020	Castings	carbon carbon-manganese alloy	250.00 250.00 250.00	Galatz
<b>S.C. PROMEX S.A.</b>  17, Industriei Street, 810391, Braila, Tel: +40 (0) 239 626000 Fax: +40 (0) 239 616587 Email: office@promex.ro Web: http://www.promex.ro Certificate: MD00/3702/0003/2 Expiry date: 07/11/2018	Castings	carbon carbon-manganese	9.50 9.50	Galatz

## List 2 Approved Manufacturers of Steel Castings

Name and Address	Category	Grade, Max Weight Tonnes	Office
<b>Russia</b>			
<b>OMZ - Special Steels</b> Izhorsky Zavod, Kolpino, Saint-Petersburg, 196650, Phone: +7 812 322 81 50 Fax: +7 812 322 81 07 email: sales_specsteel@omzglobal.com web: www.omz-specialsteel.com Including steelmaking Certificate No. MD00/2226/0007/3 Expiry date: 23/06/2019	Propellers	martensitic stainless 50.00 carbon 0.32 carbon-manganese 0.32 austenitic stainless 0.25	St. Petersburg
<b>Slovenia</b>			
<b>CRONING LIVARNA d.o.o.</b> Koroška cesta 14, SLO-2390 Ravne na Koroškem, Tel: +386 2 870 6000 Fax: +386 2 870 6060 email: info@croning-livarna.com web: www.croning-livarna.com Cert No: MD00/4395/0001/2 Expiry Date: 16/10/2017 Approval for Carbon/Carbon Manganese castings covers for Normalised supply condition only.	Castings	carbon 0.32 carbon-manganese 0.32 austenitic stainless 0.25	Zagreb
<b>LITOSTROJ JEKLO d.o.o. (Litostroj Steel Ltd)</b> Litostrojska 44 1000 Ljubljana Tel: +386 1 513 1205 Fax: +386 1 505 6696 email: foundry@litostroj.com web: www.litostroj.com Certificate No. MD00/2194/0008/2 Expiry date: 12/11/2018	Castings	carbon 25.00 carbon-manganese 25.00 alloy 25.00 austenitic stainless 25.00	Zagreb
<b>Spain</b>			
<b>ACEROS MOLDEADOS DE LACUNZA S.A.</b> Abarrategui s/n 31830 Lakuntza Navarra Tel +34 948 576031 Fax +34 948 576154 E-mail: mailto: i.ibarrola@amlsa.com Web: http://www.amlsa.com Certificate No. MD00/0061/0008/2 Expiry date: 24/04/2020	Castings	carbon 2.90 carbon-manganese 2.90 austenitic stainless 2.90	Bilbao
<b>AIANOX S.A.</b> B° Markijana 63 01479 Murga-Ayala Alava Tel +34 945891311 Fax +34 945892385 E-mail: calidad@aianox.com Web: www.aianox.com Certificate No. MD00/0029/0007/2 Expiry date: 18/09/2017	Castings	alloy 2.80 austenitic stainless 2.80	Bilbao
<b>AMPO S. COOP</b> Barrio Katea, s/n 2013 IDIAZABAL Guipuzcoa Tel: +34 943 188000 Fax: +34 943 188130 email: ampo@ampo.es web: www.ampo.es Approval includes centrifugal casting. Certificate No. MD00/0104/0008/2 Expiry date: 11/01/2020	Castings	carbon 4.00 carbon-manganese 4.00 alloy 4.00 austenitic stainless 4.00	Bilbao
<b>CASTINOX S.A.</b> Poligono Industrial De Saratxo Apartado 7 01479 Amurrio (Alava) Tel: +34 945 393072 Fax: +34 945 393158 email: inmacastro@castinox.es web: www.castinox.es Certificate No. MD00/1879/0007/2 Expiry date: 14/05/2019	Castings	austenitic stainless 2.70	Bilbao

## List 2

### Approved Manufacturers of Steel Castings

Name and Address	Category	Grade, Max Weight Tonnes	Office
<b>EBROACERO, S.A.</b>	Castings	carbon 12.00 carbon-manganese 8.00 alloy 8.00 austenitic stainless 5.00	<b>Barcelona</b>
Argualas 20 50012 Zaragoza Tel: +34 976 56 46 25 Fax: +34 976 56 00 48 Email: <a href="mailto:mailto:calidad@ebroacero.com">mailto:calidad@ebroacero.com</a> Web: <a href="http://www.ebroacero.com">http://www.ebroacero.com</a> Certificate No. MD00/0432/0008/2 Expiry date: 10/03/2020			
<b>FONDERÍA ESPECIAL S.A.</b>	Castings	carbon 0.75 carbon-manganese 0.75 alloy 0.75 austenitic stainless 0.75	<b>Bilbao</b>
Moli De La Bastida C Collita 13, Rubi, 08191 Barcelona Tel: +34 93 586 1233 Fax: +34 93 699 6463 Email: <a href="mailto:joansola@fondesa.com">joansola@fondesa.com</a> Web: <a href="http://www.fondesa.com">www.fondesa.com</a> Certificate No. MD00/2925/0005/2 Expiry date: 14/11/2017			
<b>FUNDICIONES DE ACEROS ESPECIALES D, S.L.</b>	Castings	austenitic stainless 7.35 martensitic stainless* 7.35	<b>Bilbao</b>
Poligono Ind. Requejada Parcela Z-52 39313 POLANCO Tel: +34 942 82 48 48 Fax: +34 942 82 58 38 Email: <a href="mailto:faed@faedsl.com">faed@faedsl.com</a> Web: <a href="http://www.faedsl.com">www.faedsl.com</a> Certificate No.: MD00/4722/0001/2 Expiry date: 04/10/2018			
<b>FUNDICIONES LOPEZ GALA, S.L.</b>	Castings	carbon 0.85 carbon-manganese 0.85	<b>Bilbao</b>
Poligono Industrial de Heras, parcela 217 39792 HERAS (Cantabria) Tel: +34 942 540680 Fax: +34 942 540680 Email: <a href="mailto:info@fundicioneslopezgala.com">info@fundicioneslopezgala.com</a> Web: <a href="http://fundicioneslopezgala.com">http://fundicioneslopezgala.com</a> The scope of approval does not include for the weld repair of steel castings. No heat treatment has been approved. Certificate No. MD00/2683/0006/2 Expiry date: 28/05/2018			
<b>FUNDICIONES SUÑER S.A.</b>	Castings	carbon 7.00 carbon-manganese 7.00 alloy 7.00 martensitic stainless* 7.00	<b>Barcelona</b>
C/Balmes, 73 Aptdo. correos nº 185 08203 SABADELL (Barcelona) Tel: +34 937 261 833 Fax: +34 937 255 342 Email: <a href="mailto:mailto:jfarran@sunersa.es">jfarran@sunersa.es</a> Web: <a href="http://www.sunersa.es">http://www.sunersa.es</a> * accepted for approved applications Certificate No. MD00/2085/0008/2 Expiry date: 23/04/2018			
<b>FUNDYSER,SA (Fundiciones Y Servicios)</b>	Castings	carbon-manganese 1.10 martensitic stainless* 1.10	<b>Vigo</b>
C/Ataulfo Friera Nº 10 Pol.Ind.Los Campones, 33211 Gijon Tel No. +34 985 136 664 Fax no. +34 985 137 768  Email <a href="mailto:fundyser@fundyser.com">fundyser@fundyser.com</a>  Web <a href="http://www.fundyser.com">www.fundyser.com</a>  Certificate no. MD00/3777/0003/2 Expiry date 18/04/2019			
<b>FUNORSA</b>	Castings	carbon 1.20 carbon-manganese 1.20	<b>Bilbao</b>
C/Condado de Treviño nº 41 P.I. Villalonguejar 09001 BURGOS Tel: +34 947 298480 Fax: +34 947 2982393 email: <a href="mailto:crodriguez@funorsa.es">crodriguez@funorsa.es</a> web: <a href="http://www.funorsa.com">www.funorsa.com</a>  Certificate No. MD00/0576/0009/2 Expiry date: 10/11/2019			



## List 2

### Approved Manufacturers of Steel Castings

Name and Address	Category	Grade, Max Weight Tonnes	Office
<b>GUIVISA, S.L.</b>	Castings	carbon carbon-manganese 5.00 5.00	<b>Bilbao</b>
Avda. Cervantes, 47 48970 BASAURI APARTADO 2 Vizcaya Tel +34 94 4261144 Fax +34 94 4493539 email: calidad.gv@guivisa.com web www.guivisa.com			
Certificate No. MD00/0623/0007/2 Expiry date: 16/09/2019			
<b>JOAQUÍN BERECLARTU S.A.</b>	Castings	carbon carbon-manganese 1.30 1.30	<b>Bilbao</b>
Apartado de Correos, 7 20230 Legazpi (Gipuzkoa) Tel:+34 942 73 0098 Fax:+34 943 73 0596 Email:mailto:javier@bereclartu.com Web:http://www.bereclartu.com Certificate No. MD00/3058/0005/2 Expiry date: 15/02/2019			
<b>SIDENOR ACEROS ESPECIALES S.L.</b>	Castings	carbon alloy austenitic stainless 130.00 130.00 130.00	<b>Bilbao</b>
PLANTA DE REINOSA Paseo Alejandro Calonge, 1 39200 Reinosa (Cantabria) Tel: +34 942 775 288 Fax: +34 609 242 896 email: borja.lambea@gsidenor.com web www.sidenor.com			
Certificate Number: MD00/0546/0008/2 Expiry: 17/06/2020			

## Sweden

<b>NORRHULTS STÅLGJUTERI AB</b>	Castings	austenitic stainless duplex stainless 1.50 1.50	<b>Gothenburg</b>
	Propellers	austenitic stainless duplex stainless 1.50 1.50	
Industrigatan 4 Box 43 SE-360 71 Norrhult SE-360 71 Norrhult Tel: +46 474 404 00 Fax: +46 474 409 60 email: sandra@nsg.se web: www.nsg.se Certificate No. MD00/3067/0005/2 Expiry date: 03/04/2019			
<b>ÖSTERBY GJUTERI AB.</b>	Castings	carbon carbon-manganese alloy 5.00 5.00 5.00	<b>Stockholm</b>
	Propellers	austenitic stainless duplex stainless martensitic stainless 3.00 3.00 3.00	
Martinvagen 8, SE-748 32, Österbybruk Tel: +46 (0)295 244200 Fax: +46 (0)295 244240 Email: mailto: maria.bendixen@ogab.se Web site www.ogab.se Certificate No. MD00/1163/0008/2 Expiry date: 15/11/2018			

## Switzerland

<b>WOLFENBERGER AG</b>	Castings	carbon carbon-manganese alloy 0.80 0.80 0.80 0.80 0.80 0.80	<b>Dortmund</b>
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 * accepted for approved applications			
** Approved to manufacture high Ni , high Cr, high Mo elevated temperature steel allos cast for approved applications Certificate No. MD00/2967/0005/2 Expiry date: 17/04/2018			

## List 2

### Approved Manufacturers of Steel Castings

Name and Address	Category	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 <i>Tel: +886 780 20111 Ext 415/ 418 Fax: +886 78022 2423</i> <i>Email: v01570@csmc.com.tw</i> <i>Web: www.csmc.com.tw</i> <i>Certificate No. MD00/1480/0007/2 Expiry date: 10/03/2017</i>	Castings	carbon carbon-manganese 14.00 14.00	<b>Kaohsiung</b>
<b>ELITE INVESTMENT CASTING CO., LTD.</b>  No. 25, Hou Hu Tzu, Hou Hu Village Hsin Feng, Hsinchu 304 <i>Tel: +88 63 568 9925 Fax: +88 63 568 0089</i> <i>Email: elite123@ms31.hinet.net</i> <i>Web: www.elite-foundry.com.tw</i> <i>Certificate No. MD00/4522/0001/2 Expiry date: 22/10/2018</i>	Castings	austenitic stainless 0.18	<b>Taipei</b>
<b>GOLF EXPRESS INTERNATIONAL INC.</b>  No.17-3, Lai-Ken Liao Hai-Cheng Li, Chia Li District, Tainan City, <i>Investment castings Tel: +886 67261505 Fax: +886 67260947</i> <i>Email: qc@mail.citimetal.com</i> <i>Web: www.citimetal.com</i> <i>Certificate No. MD00/3437/0005/2 Expiry date: 29/02/2020</i>	Castings	carbon carbon-manganese alloy austenitic stainless 0.04 0.04 0.04 0.04	<b>Taipei</b>
<b>HONG SHING FOUNDRY INDUSTRIES Co. Ltd.</b>  No. 2-17, Tu-Ku Yenshui Dist., Tainan City <i>Tel: 886 6 6523616-7 Fax: 886 6 6529065</i> <i>email hong.shing@msa.hinet.net</i> <i>Not approved for weld repairs.</i> <i>Certificate No. MD00/3079/0005/2 Expiry date: 24/05/2016</i>	Castings	carbon carbon-manganese 50.00 50.00	<b>Kaohsiung</b>
<b>KONG SHENG VALVE IND. CO. LTD.</b>  No., 68, Youshi Road Dajia District, Taichung 43769 <i>Tel: +886 4 2681 7396 Fax: +886 4 2681 8795</i> <i>Certificate Number: MD00/4648/0001/2 Expiry: 08/01/2020</i>	Castings	carbon carbon-manganese austenitic stainless 0.05 0.05 0.05	<b>Taipei</b>
<b>LED PRECISION CASTING CO., LTD.</b>  No. 45, Lane 399 Sec 2, Sha Tien Road Tadu Dist Taichung City 432 <i>Tel: +88 4 2699 5270 Fax: +88 4 2699 6969</i> <i>Certificate Number: MD00/4368/0002/2 Expiry: 03/08/2020</i>	Castings	carbon carbon-manganese austenitic stainless 0.05 0.05 0.05	<b>Kaohsiung</b>
<b>Valve-tek MFG. CO.,LTD.</b>  No. 93, Zhengguang St., Taiping Dist., Taichung City 41173 <i>Tel no: +866 4 2777 5527 Fax no: +886 4 2277 2006</i> <i>Email: valvetek@ms61.hinet.net</i> <i>Web:</i> <i>Certificate No: MD00/4195/0002/2 Certificate Expiry 03/07/2019</i>	Castings	carbon carbon-manganese austenitic stainless 0.04 0.04 0.04	<b>Taipei</b>
<b>YAN TAI STEEL CO., LTD.</b>	Castings	carbon carbon-manganese alloy austenitic stainless 2.50 2.50 2.50 2.50	<b>Taipei</b>

## List 2 Approved Manufacturers of Steel Castings

Name and Address	Category	Grade, Max Weight Tonnes	Office
No 10 Chung Hsin Road Tu-Cheng District New Taipei City Tel: +886 2 2268 1678 Fax: +866 2 2268 3097 email: mailto:c1006296@ms36.hinet.net web: www.yantai.com.tw Certificate No. MD00/3044/0005/2 Expiry date: 25/01/2019			

### The Netherlands

<b>BENNINK &amp; TEN CATE HEERENVEEN B.V.</b>	Castings	carbon carbon-manganese alloy austenitic stainless	3.50 3.50 3.50 3.50	<b>Haren (Groningen)</b>
Industrieweg 9, 8444 AS Heerenveen Tel No: +31 513 631615 Fax no: +31 513 636038 Email: info@benninkentencate.nl Web: www.bennink-tencate.com Certificate No: MD004054/0005/2 Expiry date 01/11/2020				
<b>Gieterij Borcherts B.V.</b>	Castings	carbon carbon-manganese austenitic stainless	1.70 1.70 1.70	<b>Haren (Groningen)</b>
Noorderstraat 370 Postbus 8 9610 AA Sappemeer Tel: +31 598 392 997 Fax: +31 598 396 220 email: gieterijborcherts@hetnet.nl web: www.gieterijborcherts.nl  Certificate No. MD00/3387/0006/2 Expiry date: 22/10/2019				
<b>VAN VOORDEN FOUNDRY</b>	Castings	carbon carbon-manganese alloy austenitic stainless martensitic stainless*	15.00 15.00 15.00 15.00 15.00	<b>Haren (Groningen)</b>
Bossekamp 6 5301 LZ Zaltbommel Tel: +31 (0)418 571250 Fax: +31 (0)418 571290 Email: T.Rijn@vanvoorden.nl Web http://www.vanvoordenfoundry.nl * accepted for approved applications  Certificate No. MD00/1621/0009/2 Expiry date: 22/05/2020				

### Turkey

<b>AKDAS - Casting Industry and Trade Co. Inc.</b>	Castings	carbon carbon-manganese alloy	66.50 66.50 36.00	<b>Istanbul</b>
Oguz Cad No 40, 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: MD00/3417/0005/2 Expiry date: 21/01/2020				
<b>AKMETAL METALURJI ENDUSTRISI A.S.</b>	Castings	carbon carbon-manganese alloy	6.00 6.00 2.00	<b>Istanbul</b>
Eski Ankara Asfalti cad. Tepeören Mah, No. 236 34959 Tuzla Istanbul Tel: +90 216 593 0380 Fax: +90 216 593 0382 Email: mailto:info@akmetal.com Web: http://www.akmetal.com Certificate No. MD00/2811/0007/2 Expiry date: 29/06/2019				

## List 2 Approved Manufacturers of Steel Castings

Name and Address	Category	Grade, Max Weight Tonnes	Office
<b>ANADOLU DÖKÜM SANAYİ A.Ş.</b>  Hürriyet Bulvarı, No.47 41780, Körfez, Kocaeli Tel: +90 262 527 2190 Fax: +90 262 527 2876 Telex 33132 Anat tr EMail: info@anadoludokum.com.tr / metehanboydak@anadoludokum.com.tr Web http://www.anadoludokum.com Certificate No. MD00/2275/0007/2 Expiry date: 01/12/2019	Castings	carbon carbon-manganese 7.00 7.00	<b>Istanbul</b>
<b>DIKKAN METAL ÜRÜNLERİ SAN. VE TİC. A.Ş.</b>  Kemalpasa Yolu Üzeri Hayitlikir Mevkii Ulucak Köyü Kemalpasa Izmir Tel: + 90 232 8771714 Fax: +90 232 8771715  E-mail: info@dikkan.com  Website: www.dikkan.com  Certificate No. MD00/3424/0006/2 Expiry date: 09/02/2020	Castings	carbon carbon-manganese austenitic stainless 1.00 1.00 0.50	<b>Istanbul</b>
<b>İSTANBUL DOKUM SAN. TİC. LTD. ŞTİ.</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. MD00/3556/0003/2 Expiry date: 05/01/2018  Not approved for weld repairs.	Castings	carbon carbon-manganese 6.40 6.40	<b>Istanbul</b>
<b>PINAR DÖKÜM Sanayi ve Ticaret A.Ş.</b>  Kemalpasa Caddesi, No. 326 35060, Pınarbasi Bornova, İZMİR Tel: +90 232 479 29 29 Fax: +90 232 479 05 16 Email: info@pinardokum.com.tr Web http://www.pinardokum.com.tr Certificate No. MD00/4164/0003/2 Expiry date: 21/05/2019	Castings	carbon carbon-manganese 5.00 5.00	<b>Istanbul</b>
<b>SUMER ÇELİK DOKUM SANAYİ TİCARET A.Ş.</b>  Yazibasi Torbalı 35860 Izmir Tel: +90 232 251 2848 Fax: +90 232 251 2322 Email: fethi@sumerdokum.com Web : www.sumerdokum.com Certificate No. MD00/2964/0005/2 Expiry date: 06/04/2018	Castings	carbon carbon-manganese 1.00 1.00	<b>Istanbul</b>

## Ukraine

<b>PJSC "ENERGOMASHPETSSTAL"</b>  84306 Kramatorsk Donetsk Region Tel: +38 (06264) 6-94-93 Fax: +38 (06264) 6-94-93 Email: nosenkonina@emss.dn.ua Certificate Number: MD00/3575/0003/2 Expiry: 22/06/2018	Castings	carbon carbon-manganese alloy 84.00 84.00 84.00	<b>Mykolaiv</b>
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## United Arab Emirates

<b>EMIRATES TECHNO CASTING FZE</b>	Castings	carbon carbon-manganese alloy austenitic stainless 10.00 10.00 10.00 10.00	<b>Dubai</b>
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## List 2 Approved Manufacturers of Steel Castings

Name and Address	Category	Grade, Max Weight Tonnes	Office
<p>P.O. Box 41608 Hamriya Free Zone Sharjah Tel: +971 6 5133100 Fax: +971 6 5260878</p> <p>E-mail: foundrysales@etcdxb.com</p> <p>Website: www.emiratestechnocasting.com</p> <p>Certificate Number: MD00/3088/0005/2 Expiry: 24/06/2019</p> <p><b>EMIRATES TECHNO CASTING L.L.C.</b></p>	Castings	<p>carbon 2.00</p> <p>carbon-manganese 2.00</p> <p>alloy 2.00</p> <p>austenitic stainless 2.00</p>	Dubai
<p>P.O. Box 2895 Ajman Tel: +971 6 5133100 Fax: +971 6 5260878</p> <p>E-mail: foundrysales@etcdxb.com</p> <p>Website: www.emiratestechnocasting.com</p> <p>Certificate Number: MD00/3087/0005/2 Expiry: 15/06/2019</p> <p><b>GULF METAL FOUNDRY (LLC)</b></p>	Castings	<p>carbon 3.00</p> <p>carbon-manganese 3.00</p> <p>alloy 1.50</p> <p>austenitic stainless 1.50</p>	Dubai
<p># 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: MD00/2191/0007/2 Expiry: 04/01/2019</p>			
<b>United Kingdom</b>			
<p><b>METALTEK INTERNATIONAL</b></p> <p>SANDUSKY LIMITED DIVISION Viewfield Estate Glenrothes, Fife. KY6 2RQ Tel: +44 (0) 1592 773030 Fax: +44 (0) 1592 775412</p> <p>E-mail: Andrew.Allsopp@metaltekt.com</p> <p>Website: www.metaltek.com</p> <p>Certificate No: MD00/4656/0001/2 Certificate Expiry: 15/05/2019</p>	Castings	<p>austenitic stainless 4.18</p> <p>duplex stainless* 4.18</p>	Glasgow
<p><b>AULD VALVES Ltd.</b> Cowlairs Industrial Estate Finlas Street Glasgow G22 5DQ Tel: +44 141 557 0515 Fax +44 141 558 1059 email: bob@auldvalves.com web: www.auldvalves.com Certificate No. MD00/3120/0004/2 Expiry date: 20/10/2016</p>	Castings	carbon 0.30	Glasgow
<p><b>BLANTYRE CASTINGS LTD.</b></p> <p>Block 9A, Unit B South Avenue, Blantyre Industrial Estate Blantyre, G72 0UZ Tel: +44 (0)1698 829572</p> <p>E-mail: blandtyrecasting@btconnect.com</p> <p>Certificate No. MD00/2581/0007/2 Expiry date: 10/08/2020</p>	Castings	<p>carbon 0.75</p> <p>carbon-manganese 0.75</p> <p>alloy 0.75</p>	Glasgow
<p><b>BOND'S FOUNDRY CO., LTD.</b></p>	Castings	<p>carbon 12.00</p> <p>carbon-manganese 12.00</p> <p>alloy 12.00</p> <p>austenitic stainless 10.00</p> <p>duplex stainless* 10.00</p> <p>ferritic stainless* 10.00</p> <p>martensitic stainless* 10.00</p>	Newcastle upon Tyne

## List 2

### Approved Manufacturers of Steel Castings

Name and Address	Category	Grade, Max Weight Tonnes	Office
<p>Tow Law Bishop Auckland Co. Durham DL13 4JS Tel: +44 (0)1388 763375 Fax: +44 (0)1388 604110 email: <a href="mailto:chris.henderson@bondsfoundry.com">chris.henderson@bondsfoundry.com</a> web: <a href="http://www.bondsfoundry.com">www.bondsfoundry.com</a> * accepted for approved applications Certificate No. MD00/0206/0008/2 Expiry date: 01/02/2019</p> <p><b>BRAFE ENGINEERING LIMITED</b></p>	Castings	<p>carbon 0.60 carbon-manganese 0.60 alloy 0.60 austenitic stainless 0.60</p>	Birmingham
<p>Grundisburgh Road Woodbridge Suffolk IP13 6HX Tel: +44 1394 380000 Fax: +44 1394 380300 Email: <a href="mailto:chris.heath@brafe.com">chris.heath@brafe.com</a> Web <a href="http://www.brafe.com">http://www.brafe.com</a> Certificate No. MD00/0214/0009/2 Expiry date: 21/09/2016</p> <p><b>DONCASTERS CHARD</b></p>	Castings	high nickel alloys 0.04	Birmingham
<p>Chard Beeching Close, Chard, Somerset, TA20 1BB Tel: 01460 62892 Fax: 01460 67702 Email <a href="mailto:CHASales@doncasters.com">mailto:CHASales@doncasters.com</a> Web <a href="http://www.doncasters.com">http://www.doncasters.com</a> Certificate No. MD00/3674/0004/2 Expiry date: 29/08/2020</p> <p><b>FURNISS &amp; WHITE (FOUNDRIES) LTD</b></p>	Castings	<p>carbon 2.30 carbon-manganese 2.30 alloy 2.30 austenitic stainless 2.30 duplex stainless 2.30</p>	Birmingham
<p>Unit 17 Abbey Way North Anston Trading Estate North Anston Sheffield S25 4JL Tel: +44 (0) 1909 568831 Fax: +44 (0) 1909 569322 E-Mail to: <a href="mailto:sales@f-w-f.co.uk">sales@f-w-f.co.uk</a> Web <a href="http://www.f-w-f.co.uk">http://www.f-w-f.co.uk</a> Certificate No.: MD00/4115/0002/2 Expiry date: 26/01/2019</p> <p><b>GOODWIN STEEL CASTINGS LIMITED</b></p>	Castings	<p>carbon 8.00 carbon-manganese 8.00 alloy 8.00 austenitic stainless 8.00 duplex stainless* 8.00 martensitic stainless* 8.00</p>	Liverpool
<p>Ivy House Foundry Ivy House Road Hanley Stoke on Trent ST1 3NR Tel +44 1782 220 351 Fax +44 1782 208060 Email <a href="mailto:amurphy@goodwingroup.com">mailto:amurphy@goodwingroup.com</a> Web page <a href="http://www.goodwin.co.uk">http://www.goodwin.co.uk</a> * accepted for approved applications Certificate No. MD00/0609/0007/2 Expiry date: 06/02/2018</p> <p><b>H.I. QUALITY STEEL CASTINGS LTD.</b></p>	Castings	<p>carbon 9.60 carbon-manganese 9.60 alloy 4.00 austenitic stainless 4.00</p>	Birmingham
<p>Trinity Works Foundry Street Whittington Moor Chesterfield S41 9AX Tel +44 (0)1246 260 303 Fax +44 (0)1246 260 245 email: <a href="mailto:david.carmichael@hiqsc.com">david.carmichael@hiqsc.com</a> web: <a href="http://www.hiqsc.com">www.hiqsc.com</a> Certificate No. MD00/1844/0009/2 Expiry date: 05/12/2020</p> <p><b>MICRON ALLOY CASTINGS</b></p>	Castings	<p>carbon 1.10 carbon-manganese 1.10 alloy 1.10</p>	Liverpool
<p>Platts Road Industrial Estate Amblecote Stourbridge West Midlands DY8 4YR Tel +44 (0)1384 393247 Fax: 01384 444860 email: <a href="mailto:stevemac@micronalloys.co.uk">stevemac@micronalloys.co.uk</a> web: <a href="http://www.micronalloys.co.uk">www.micronalloys.co.uk</a> Certificate No. MD00/1845/0008/2 Expiry date: 17/06/2018</p>			

## List 2

### Approved Manufacturers of Steel Castings

Name and Address	Category	Grade, Max Weight Tonnes	Office
<b>NOEL VILLAGE (STEELFOUNDERS) LTD.</b>	Castings	carbon 2.00 carbon-manganese 2.00 alloy 2.00 austenitic stainless 2.00 duplex stainless* 0.10	<b>Birmingham</b>
Carr Hill Balby Doncaster DN4 8DE Tel: +44 (0)1302 329897 Mobile: +44 (0)7968191756 Email: <a href="mailto:jon.hutton@noelvillage.com">mailto:jon.hutton@noelvillage.com</a> Web: <a href="http://www.noelvillage.com">http://www.noelvillage.com</a>  Certificate Number: MD00/2124/0008/2 Expiry: 23/08/2018			
<b>NORTON CAST PRODUCTS</b>	Castings	austenitic stainless 0.10 duplex stainless* 0.10	<b>Coventry</b>
Capital Steel Works Tinsley Park Road Sheffield S9 5DL Tel: +44 (0)114 244 8722 Fax: +44 (0)114 244 5523 Email to: <a href="mailto:steve@nortoncast.com">steve@nortoncast.com</a> Web <a href="http://www.nortoncast.com">http://www.nortoncast.com</a>  Certificate No. MD00/4222/0002/2 Expiry date: 04/09/2016			
<b>SHEFFIELD FORGEMASTERS INTERNATIONAL LTD.</b>	Castings	carbon 320.00 carbon-manganese 320.00 alloy 320.00 austenitic stainless 320.00 martensitic stainless* 320.00	<b>Birmingham</b>
P.O. Box 286 Brightside Lane Sheffield S9 2RW Tel: +44 (0)114 244 9071 Fax: +44 (0)114 251 9021  E-mail: <a href="mailto:jbaker@sfel.com">jbaker@sfel.com</a>  Website: <a href="http://www.sheffieldforgemasters.com">www.sheffieldforgemasters.com</a>  * accepted for approved applications  Certificate No. MD00/0524/0007/2 Expiry date: 29/06/2020			
<b>WILLIAM COOK CAST PRODUCTS</b>	Castings	carbon 1.50 carbon-manganese 1.50 alloy 1.50 austenitic stainless 1.50	<b>Birmingham</b>
Leeds Plant Cross Green Leeds LS9 0SG Tel: +44 (0)113 249 6363 Fax: +44 (0)113 249 1376 Email: <a href="mailto:rdixon@william-cook.co.uk">rdixon@william-cook.co.uk</a> Web site <a href="http://www.william-cook.co.uk">http://www.william-cook.co.uk</a> Certificate No. MD00/0290/0008/2 Expiry date: 14/06/2020			
<b>WILLIAM COOK INTEGRITY</b>	Castings	carbon 6.00 carbon-manganese 6.00 alloy 6.00 austenitic stainless 9.50 duplex stainless* 6.00	<b>Liverpool</b>
Parkway Avenue Sheffield S9 4WA Tel. +44 870 787 2353 Fax +44 114 275 2508 email: <a href="mailto:tstevenson@william-cook.co.uk">tstevenson@william-cook.co.uk</a> web: <a href="http://www.william-cook.co.uk">www.william-cook.co.uk</a>  Certificate No. MD00/1669/0010/2 Expiry date: 05/07/2017			
<b>WILLIAM COOK PRECISION LIMITED</b>	Castings	carbon 0.40 carbon-manganese 0.40 alloy 0.40 austenitic stainless 0.40 duplex stainless* 0.40	<b>Birmingham</b>
Station Road Halfway Sheffield S20 3GD Tel. +44 (0) 114 251 0410 Fax +44 (0)114 251 0096 Email: <a href="mailto:mailto:dwestley@william-cook.co.uk">mailto:dwestley@william-cook.co.uk</a> Web page <a href="http://www.william-cook.co.uk">http://www.william-cook.co.uk</a> * accepted for approved applications Certificate No. MD00/0692/0007/2 Expiry date: 13/03/2018			
<b>WILLIAM COOK STANHOPE LTD.</b>	Castings	carbon 0.15 carbon-manganese 0.15	<b>Birmingham</b>

## List 2 Approved Manufacturers of Steel Castings

Name and Address	Category	Grade, Max Weight Tonnes	Office
Stanhope Bishop Auckland Co Durham DL13 2YR <i>Tel: +44 (0)1388 528248 Fax: +44 (0)1388 528879 M +44(0)7812683265</i> <i>Email: <a href="mailto:csheridon@william-cook.co.uk">mailto:csheridon@william-cook.co.uk</a></i> <i>Web: <a href="http://www.william-cook.co.uk">http://www.william-cook.co.uk</a></i> <i>Including corner fittings for freight containers.</i> <i>Certificate No. MD00/0196/0009/2 Expiry date: 11/11/2016</i>			

### United States of America

<b>BRADKEN - TACOMA FOUNDRY</b>      3021 South Wilkeson Tacoma Washington 98409 <i>Tel No: +1 253 473 8744 Fax no: +1 253 473 8743</i> <i>Email : <a href="mailto:struselo@bradken.com">struselo@bradken.com</a></i> <i>Web:<a href="http://www.bradken.com">http://www.bradken.com</a></i> <i>Certificate No: MD00/3366/0003/2 Expiry date: 03/09/2016</i>	Castings	carbon	18.00	Seattle
		carbon-manganese	18.00	
		alloy	18.00	
		austenitic stainless	18.00	
		duplex stainless*	18.00	
		ferritic stainless*	18.00	
		martensitic stainless*	18.00	



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