

Shotcrete Project list of Allied Rongda for blast furnace lining and relining(till 201809)

Beijing Allied Rongda Engineering Material Co. Ltd. Wang Wenyi General Manager
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No.	Province	Name of I&S Company	City	BF No	Earth diameter (m)	Total volume (m ³)	Year of repair	Tonnage shotcrete	Name of product	Duration shutdown (h)	Service life	Shotcrete Part of Furnace	Cooling structure
1	Heilongjiang	Xilin Iron and Steel Group A Cheng Steel Co., Ltd.	Yichun City	1	5.6	450	2010-10-18	167	Upper material (Cement combines) RGP-CM Lower material (Cement combines) RGP-CA	34	regular service for more than 12 months	Tuyere to furnace throat(fully lined)	Cooling stave
2	Tianjin	Tianjin Rongcheng Steel Group Co. Ltd.	jinnan district	3	6.39	580	2010-12-2	114	Upper material (Cement combines) RGP-CM Lower material (Cement combines) RGP-CA	24	regular service for more than 12 months	Fully lined	Cooling stave
3	Sichuan	Pangang Group Xichang New Steel Co. Ltd.	Panzhihua City	2	5.5	450	2010-12-23	33	RGP-CM	7	regular service for more than 12 months	Upper part of Stack	Cooling stave
4	Vietnam	Vietnam Hefa Steel Co., Ltd.	Hanoi City	1	5.6	450	2011-1-12	55	RGP-CM	10	regular service for 28 months	Water tank bracket to furnace throat	Cooling stave
5	Zhejiang	Quzhou Yuanli metal products Co., Ltd.	Quzhou City	2	5.55	450	2011-3-1	114	RGP-CM,RGP-CA	16	regular service for 18 months	Fully lined	Cooling stave
6	Zhejiang	Quzhou Yuanli metal products Co., Ltd.	Quzhou City	1	5.55	450	2011-3-10	143	RGP-CM,RGP-CA	17	regular service for 18 months	Fully lined	Cooling stave
7	Tianjin	Tianjin Rockcheck Steel Group Co. Ltd.	jinnan district	1	5.6	450	2011-3-23	120	RGP-CM,RGP-CA	15	regular service for more than 12 months	Fully lined	Cooling stave and cooling stack

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8	Shanxi	Hanzhoung Shaanxi iron and Steel Group Corporation	Hanzhoung City	2	5.33	380	2011-3-26	94	RGP-CM	13	After regular service for 13 months,furnace shutdown because of hearth overhaul	Fully lined	Cooling stave
9	Hebei	Chengde Sheng Feng Steel Co., Ltd.	Chengde City	2	6	650	2011-5-9	75	RGP-CM	13	After regular service for 13 months,medium maintenance because of equipment damage	Upper part of Stack	cooling stack
10	Jiangshu	Baosteel Meishan Iron & Steel Limited by Share Ltd	Nanjing City	2	8.2	1260	2011-5-24	7	RGP-CM,RGP-CA	3	regular service for more than 12 months	Furnace throat steel brick	Cooling stave
11	Hebei	Hebei iron and steel Limited by Share Ltd Tangshan branch	Tangshan City	3	12.6	3200	2011-6-16	6	RGP-CM	2.5	service for 3 months,spalling locally	Blast furnace top sealing cover	Cooling stave
12	Hebei	Hebei iron and steel Limited by Share Ltd Tangshan branch	Tangshan City	3	12.6	3200	2011-6-24	35	RGP-CM	3	regular service for 18 months	Blast furnace hood	Cooling stave and cooling stack
13	Hebei	Tangshan Guofeng iron and Steel Co., Ltd.	Tangshan City	1	5.6	450	2011-7-9	206	RGP-CM,RGP-CA	31	regular service for 18 months	All internal refractory	Cooling stave and cooling stack
14	Zhejiang	Quzhou Yuanli metal products Co., Ltd.	Quzhou City	4	6.4	580	2011-7-12	88	RGP-CM,RGP-CA	8	regular service for 17 months	Bosh and furnace throat	Cooling stave and cooling stack
15	Vietnam	Vietnam Hefa Steel Co., Ltd.	Hanoi City	1	5.2	350	2011-7-15	132	RGP-CM,RGP-CA	14	regular service for 22 months	Water tank bracket to furnace throat	Cooling stave

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16	Zhejiang	Quzhou Yuanli metal products Co., Ltd.	Quzhou City	3	6.45	580	2011-7-24	93	RGP-CM,RGP-CA	9	regular service for 17 months	Bosh of more than ten to the furnace throat	Cooling stave and cooling stack
17	Shanxi	Longmen Shaanxi iron and Steel Co., Ltd.	Weinan City	1	5.6	450	2011-7-25	202	RGP-CM	17	regular service for 7 months,BF demolition because of small size	Fully lined	Cooling stave
18	Hebei	Hebei iron and steel Limited by Share Ltd Tangshan branch	Tangshan City	1	12.6	3200	2011-8-18	6	RGP-CM,RGP-CA	2	regular service for 23 months	Blast furnace top sealing cover	Cooling stave
19	Hebei	Shijiazhuang iron and Steel Co., Ltd.	Shijiazhuang City	0	5.6	450	2011-8-19	129	RGP-CM,RGP-CA	16	service for 10 months,furnace shutdown because of overhaul	Fully lined	Cooling stave and cooling stack
20	Tianjin	Tianjin Rockcheck Steel Group Co. Ltd.	jinnan district	3	6.4	580	2011-9-20	150	RGP-CM,RGP-CA	19	regular service for more than 12 months	Tuyere to throat steel brick	Cooling stave and cooling stack
21	Shanxi	Shanxi Haixin iron and Steel Group Co., Ltd.	Yuncheng City	6	8.3	1380	2011-9-22	295	RGP-CM,RGP-CA	30	regular service for more than 12 months	All internal refractory	Cooling stave
22	Heilongjiang	Xilin Iron and Steel Group A Cheng Steel Co., Ltd.	Yichun City	1	5.6	450	2011-10-15	150	RGP-CM,RGP-CA	17	regular service for 12 months	All internal refractory	Cooling stave and cooling stack
23	Shanxi	Shanxi Haixin iron and Steel Group Co., Ltd.	Yuncheng City	5	8.15	1080	2011-10-20	270	RGP-CM,RGP-CA	35	regular service for more than 12 months	All internal refractory	Cooling stave
24	Liaoning	Fushun New Steel Co., Ltd. (Jianlong group)	Fushun City	4	5.3	420	2011-10-23	200	RGP-CM,RGP-CA	22	regular service for more than 18 months	Tuyere to throat steel brick	Cooling stave and cooling stack

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25	Hebei	Hebei Longfeng Casting Co., Ltd.	Handan City	1	6.6	800	2011-10-24	150	RGP-CM,RGP-CA	20	regular service for more than 18 months	Above the air wall, 7, 8, 9 sections, and the	Cooling stave
26	Shanxi	Shanxi Hejin Xinyuan iron and Steel Co., Ltd.	Yuncheng City	1	5.6	450	2011-10-28	131	RGP-CM,RGP-CA	48	regular service for 18 months	Fully lined	Cooling stave and cooling stack
27	Shanxi	Shanxi Li Heng Iron & Steel Limited by Share Ltd	Linfen City	3	5.6	450	2011-10-28	175	RGP-CM,RGP-CA	48	regular service for 17 months	Fully lined	Cooling stave and cooling stack
28	Hebei	Chengde Sheng Feng Steel Co., Ltd.	Chengde City	2	6.6	630	2011-11-2	180	RGP-CM,RGP-CA	24	regular service for more than 14 months	All internal refractory	Cooling stave and cooling stack
29	Shanxi	Shanxi Li Heng Iron & Steel Limited by Share Ltd	Linfen City	4	5.6	450	2011-11-3	190	RGP-CM,RGP-CA	48	After regular service for 16 months,furnace shutdown because of medium maintenance	Fully lined	Cooling stave
30	Liaoning	Fushun New Steel Co., Ltd.	Fushun City	3	5.6	450	2011-11-8	180	RGP-CM,RGP-CA	24	regular service for more than 18 months	Fully lined	Cooling stave and cooling stack
31	Shanxi	Shanxi Li Heng Iron & Steel Limited by Share Ltd	Linfen City	3	6.4	580	2011-11-12	182	RGP-CA	29	After regular service for 16 months,furnace shutdown because of medium maintenance	BF Bosh	Cooling stave and cooling stack
32	Shanxi	Shanxi Hongda steel Refco Group Ltd	Yuncheng City	5	5.0	380	2011-11-27	140	RGP-CM,RGP-CA	26	regular service for more than 17 months	Fully lined	Cooling stave

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33	Tianjin	Tianjin Rockcheck Steel Group Limited by Share Ltd	jinnan district	new1	8.3	1380	2011-12-17	70	RGP-CM	9	regular service for more than 17 months of a new BF	Upper part of Stack	Cooling stave
34	Zhejiang	Quzhou Yuanli metal products Co., Ltd.	Quzhou City	1	5.6	450	2011-12-22	65	RGP-CM	10.5	regular service for 18 months	Upper part of Stack	Cooling stave and cooling stack
35	Shanxi	Jincheng Fu Sheng Steel Corp	Jincheng City	3	8.3	1380	2011-12-23	50	RGP-CM	10	regular service for more than 18 months	Upper part of Stack	cooling stack
36	Zhejiang	Quzhou Yuanli metal products Co., Ltd.	Quzhou City	2	5.6	450	2011-12-25	65	RGP-CM	9.5	regular service for 18 months	Upper part of Stack	Cooling stave and cooling stack
37	Jiangshu	Shagang Group Hongchang plate Limited	Suzhou City	1	11.5	2500	2011-12-25	136	RGP-CM	12	regular service for more than 17 months	Upper part of Stack	Cooling stave
38	Shandong	Rizhao Iron & Steel Co Ltd	Rizhao City	7	7.0	700	2012-1-4	20	RGP-CM	5	regular service for 16 months	Upper part of Stack	Cooling stave
39	Sichuan	Pangang Group Xichang New Steel Co. Ltd.	Panzhihua City	2	5.6	450	2012-1-7	40	RGP-CM	8	regular service for 12 months	Upper part of Stack	Cooling stave and cooling stack
40	Shandong	Rizhao Iron & Steel Co Ltd	Rizhao City	13	6.65	850	2012-1-8	30	RGP-CM	6	regular service for more than 16 months	Upper part of Stack	Cooling stave
41	Shanxi	Shanxi Haixin iron and Steel Group Co., Ltd.	Yuncheng City	7	6.5	630	2012-1-11	180	RGP-CM	24	regular service for 16 months	Whole spraying below the furnace throat	Cooling stave

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42	Shandong	Rizhao Iron & Steel Co Ltd	Rizhao City	9	6.65	850	2012-1-13	33	RGP-CM,RGP-CA	4	regular service for more than 16 months	Upper part of furnace body	Cooling stave
43	Shanxi	Longmen Shaanxi iron and Steel Co., Ltd.	Weinan City	new1	8.2	1280	2012-1-17	272	RGP-CM,RGP-CA	50	regular service for more than 15 months	Whole furnace body and Tuyere pipe	Cooling stave
44	Tianjin	Tianjin Rockcheck Steel Group Limited by Share Ltd	jinnan district	2	6.4	580	2012-2-3	150	RGP-CM,RGP-CA	17	regular service for more than 15 months	Above tuyere	Cooling stave
45	Tianjin	Tianjin Rockcheck Steel Group Limited by Share Ltd	jinnan district	new1	5.6	450	2012-3-11	120	RGP-CM,RGP-CA	16	regular service for more than 14 months	Fully lined	Cooling stave and cooling stack
46	Xinjiang	Sargent Xinjiang Iron & Steel Co. Ltd.	Mongolia Autonomo us	2	5.6	480	2012-3-28	110	RGP-CM	17	regular service for more than 15 months	Furnace throat steel brick to tuyere and pipe	Cooling stave and cooling stack
47	Henan	Anyang Huacheng Special Steel Co., Ltd.	Anyang City	1	8.2	1080	2012-3-31	60	RGP-CM	7.5	The furnace condition is not smooth and the material is not uniform. It is used for 2 months	Upper part of Stack	cooling stack
48	Jilin	Tonghua iron and steel Limited by Share Ltd	jinnan district	3	5.2	350	2012-4-9	120	RGP-CM,RGP-CA	17	regular service for 13 months	Fully lined	Cooling stave
49	Hebei	Xingtai future Steel Corp	Xingtai City	1	5.25	350	2012-4-10	130	RGP-CM,RGP-CA	20	regular service for 13 months	Fully lined	Cooling stave
50	Jilin	Tonghua iron and steel Limited by Share Ltd	Tonghua City	1	5.2	350	2012-4-22	120	RGP-CM,RGP-CA	16	regular service for 12 months	Fully lined	Cooling stave

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51	Shanxi	Shanxi generalist industry and Trade Co., Ltd.	Linfen City	new1	-	1860	2012-5-7	70	RGP-CM,RGP-CA	30	regular service for 12 months	Fully lined	Cooling stave
52	Shanxi	Shanxi generalist industry and Trade Co., Ltd.	Linfen City	new1	-	1860	2012-5-7	671	RGP-CM	30	regular service for 5 years	Riser, down pipe,hood	Cooling stave
53	Sichuan	Dazhou iron and steel Refco Group Ltd	Dazhou City	3	5.6	450	2012-5-9	123	RGP-CM,RGP-CA	29	regular service for 8 months	Fully lined	Cooling stave
54	Shanxi	Shanxi Licheng technology and Trade Group Co., Ltd.	Linfen City	1	-	180	2012-7-12	55	RGP-CM	8.5	regular service for more than 14 months	Upper part of Stack	Cooling stave and cooling stack
55	Hebei	Chengde Sheng Feng Steel Co., Ltd.	Chengde City	2	6.5	630	2012-7-12	70	RGP-CM,RGP-CA	12	regular service for more than 8 months	12 meters from the steel throat of the furnace throat	Cooling stave and cooling stack
56	Tianjin	Tianjin city tianzhongjiangtian Heavy Industry Co., Ltd.	Beichen District	1	6.3	530	2012-7-22	88	RGP-CM,RGP-CA	16	regular service for more than 10 months	Upper part of furnace body	Cooling stave
57	Liaoning	Direct reduction iron Co. Ltd. Fushun Hanwang	Fushun City	1	6.3	580	2012-8-10	230	RGP-CM,RGP-CA	36	regular service for 6 months	Fully lined	Cooling stave and cooling stack
58	Shanxi	Xinzhou Huamao Precision Casting Co., Ltd.	xinzhou City	2	5.6	450	2012-8-12	137	RGP-CM,RGP-CA	17	regular service for 9 months	Above tuyere to below throat steel brick	Cooling stave
59	Jiangsu	Shagang Group Huasheng ironmaking plant	Suzhou City	3	5.6	450	2012-8-16	100	RGP-CM,RGP-CA	15	regular service for 9 months	Upper half and bottom of blast furnace	Cooling stave and cooling stack

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60	Shaanxi	Lueyang Shaanxi iron and Steel Co., Ltd.	Hanzhoun g City	1	5.6	450	2012-8-16	26	RGP-CM	5	service for 4 months,spalling locally	Upper part of Stack	Cooling stave and cooling stack
61	Tianjin	Tianjin Rockcheck Steel Group Co. Ltd.	jinnan district	4	8.2	1080	2012-8-17	210	RGP-CM,RGP-CA	26	regular service for more than 12 months	Fully lined	Cooling stave
62	Sichuan	Iron smelting plant of Desheng group iron and Steel Co., Ltd.	Leshan City	1	-	150	2012-8-21	35	RGP-CM,RGP-CA	4.5	regular service for 8 months	Above the tuyere to the bottom of the steel throat of the furnace throat	Cooling stave
63	Shanxi	Shanxi generalist industry and Trade Co., Ltd.	Linfen City	2	-	410	2012-9-2	140	RGP-CM,RGP-CA	17	regular service for 8 months	Fully lined	Cooling stave
64	Tianjin	Tianjin steel tube Iron Co., Ltd.	dongli district	1	8.2	1080	2012-9-9	180	RGP-CM,RGP-CA	18	regular service for 24 months	Fully lined	Cooling stave
65	Hebei	Tangshan Jianlong iron and Steel Co., Ltd.	Tangshan City	1	5.6	450	2012-9-12	133	RGP-CM,RGP-CA	17	regular service for 8 months	Fully lined	Cooling stave
66	Jiangsu	Shagang Group Hongfa ironmaking plant	Suzhou City	2	12.0	2500	2012-10-1	120	RGP-CM	6天	regular service for 7 months	Upper part of Stack	Cooling stave
67	Heilongjiang	Heilongjiang Jianlong iron and Steel Co., Ltd.	Shuangyas han City	1	5.6	450	2012-10-10	35	RGP-CM	5	regular service for more than 7 months	Upper part of Stack	Cooling stave and cooling stack
68	Heilongjiang	Heilongjiang Jianlong iron and Steel Co., Ltd.	Shuangyas han City	2	5.6	450	2012-10-12	35	RGP-CM	5	regular service for more than 7 months	Upper part of Stack	cooling stack

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69	Jiangsu	Shagang Group Hongfa ironmaking plant	Suzhou City	2	12.0	2500	2012-10-24	141	RGP-CM	16	regular service for 7 months	Fifth to ninth sections of Cooling stave	Cooling stave
70	Jiangxi	Xinyu iron and steel Limited by Share Ltd	Xinyu City	7	8.2	1080	2012-11-25	200	RGP-CM,RGP-CA	19	regular service for 24 months	Above blast furnace tuyere	Cooling stave
71	Xinjiang	Xinjiang Sargent Steel Corp	Mongolia Autonomo us	1	6.35	588	2012-12-9	295	RGP-CM,RGP-CA	38	regular service for more than 12 months	Fully lined, riser, down pipe,hood	Cooling stave and cooling stack
72	Shanxi	Shanxi Hongda steel Refco Group Ltd	Yuncheng City	6	5.6	450	2012-12-18	168	RGP-CM,RGP-CA	40	regular service for 12 months	Fully lined, riser, down pipe,hood	Cooling stave and cooling stack
73	Tianjin	Tianjin city tianzhongjiangtian Heavy Industry Co., Ltd	Beichen District	1	6.3	530	2013-1-2	18	RGP-CM,RGP-CA	4	regular service for more than 12 months	No cooling zone and fifth Cooling stave	Cooling stave and cooling stack
74	Hunan	Xiangtan Hunan iron and Steel Co., Ltd.	Xiangtan City	4	-	1800	2013-1-15	385	RGP-CM,RGP-CA	30.5	regular service for 12 months	Fully lined	Cooling stave
75	Jilin	Tonghua iron and steel Limited by Share Ltd	Tonghua City	2	-	350	2013-1-20	130	RGP-CM,RGP-CA	12	regular service for 5 months	Fully lined	Cooling stave and anchoring parts
76	Ganshu	Jinchang iron industry (Group) Co., Ltd.	Jinchang	2	5.6	450	2013-2-2	245	RGP-CM,RGP-CA	24	service for 3 months,spalling locally	Fully lined	Cooling stave
77	Shandong	Shandong iron and steel Limited by Share Ltd Ji'nan branch	Jinan City	3	-	1750	2013-2-2	180	RGP-CM,RGP-CA	32	regular service for more than 12 months	Fully lined	Cooling stave

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78	Shanxi	Shanxi Haixin iron and Steel Group Co., Ltd.	Yuncheng City	6	9.0	1380	2013-2-5	320	RGP-CM,RGP-CA	20	regular service for more than 18 months	Fully lined	Cooling stave
79	Shanxi	Shanxi Jian Bang Group Casting Co., Ltd.	Linfen City	2	-	410	2013-2-27	170	RGP-CM,RGP-CA	17	regular service for 18 months	Fully lined	Cooling stave and cooling stack
80	Hebei	Hebei Longfeng Casting Co., Ltd.	Handan City	2	6.4	600	2013-3-1	249	RGP-CM	100	regular service for 4 and a half years	Blast furnace pipe system	Pipe system
81	Hebei	Cangzhou China railway equipment manufacturing Co., Ltd.	Cangzhou City	1	12	2500	2013-3-5	162	RGP-CM	15	regular service for 12 months	Upper part of Stack	Cooling stave
82	Shanxi	Shanxi Haixin iron and Steel Group Co., Ltd.	Yuncheng City	5	8.2	1080	2013-3-13	281	RGP-CM,RGP-CA	16	regular service for more than 18 months	Fully lined	Cooling stave
83	Shanxi	Shanxi Xinyuan iron and Steel Co., Ltd.	Yuncheng City	1	5.6	480	2013-3-27	235	RGP-CM,RGP-CA	35	regular service for more than 18 months	Fully lined	Cooling stave and cooling stack
84	Shanxi	Shanxi Xinyuan iron and Steel Co., Ltd.	Yuncheng City	1	5.6	480	2013-3-27	50	RGP-CM	35	regular service for 24 months	Blast furnace pipe system	Cooling stave and cooling stack
85	Jiangxi	Pingxiang Anyuan Steel Co. Ltd.	Pingxiang City	2	5.6	450	2013-4-12	155	RGP-CM,RGP-CA	12	regular service for 24 months	Fully lined	Cooling stave and cooling stack
86	Hebei	Hebei Longfeng Casting Co., Ltd.	Handan City	1	6.4	600	2013-4-16	74	RGP-CM	48	regular service for 6 months	Blast furnace pipe system	Pipe system

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87	Hebei	Tangshan Guofeng iron and Steel Co., Ltd.	Tangshan City	5	5.6	450	2013-5-3	201	RGP-CM,RGP-CA	18	regular service for 40 months	Blast furnace taphole、 All internal	Cooling stave and cooling stack
88	Hebei	Chengde Sheng Feng Steel Co., Ltd.	Chengde City	2	6.3	630	2013-5-7	70	RGP-CM	7	regular service for more than 12 months	Upper part of Stack	cooling stack
89	Shandong	Rizhao Iron & Steel Co Ltd	Rizhao City	9	6.6	850	2013-5-7	220	RGP-CM,RGP-CA	38	regular service for more than 18 months	Fully lined	Cooling stave
90	Xinjiang	Shougang Yili iron and Steel Co., Ltd.	Kazakh Autonomo us Prefecture	2	-	380	2013-5-12	140	RGP-CM,RGP-CA	16	regular service for more than 12 months	Fully lined	Cooling stave
91	Jilin	Tonghua iron and steel Limited by Share Ltd	Tonghua City	6	-	1010	2013-5-19	240	RGP-CM,RGP-CA	10 days	regular service for more than 12 months	fully lined, riser, down pipe,hood	Cooling stave
92	Heilongjiang	Xilin Steel Group	Yichun City	5	8.5	1260	2013-5-20	80	RGP-CM,RGP-CA	12	regular service for 8 months	Fully lined	Cooling stave
93	Heilongjiang	Xilin Steel Group	Yichun City	6	8.5	1260	2013-5-23	60	RGP-CM,RGP-CA	12	regular service for 6 months	Fully lined	Cooling stave
94	Shandong	Rizhao Iron & Steel Co Ltd	Rizhao City	8	-	700	2013-5-29	185	RGP-CM,RGP-CA	19	regular service for 18 months	Fully lined	Cooling stave
95	Henan	Wugang double macro Steel Co., Ltd.	Pingdingshan City	1	-	320	2013-6-1	150	RGP-CM,RGP-CA	18	regular service for more than 12 months	Fully lined	Cooling stave and cooling stack

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No.	Province	Name of I&S Company	City	BF No	Earth diameter (m)	Total volume (m ³)	Year of repair	Tonnage shotcrete	Name of product	Duration shutdown (h)	Service life	Shotcrete Part of Furnace	Cooling structure
96	Xinjiang	Xinjiang Xinxing Ductile Iron Pipes Co. Ltd.	Mongolia Autonomo us	1	8.1	1080	2013-6-4	300	RGP-CM,RGP-CA	27	regular service for more than 12 months	Fully lined	Cooling stave and cooling stack
97	Hebei	Hebei iron and Steel Group Yanshan iron and Steel Co., Ltd.	Qian'an	6	5.6	450	2013-6-16	180	RGP-CM,RGP-CA	30	regular service up to now	Fully lined	Cooling stave and cooling stack
98	Shanxi	Shanxi xinlingang Steel Co. Ltd.	Linfen City	1	-	311	2013-6-27	91	RGP-CM,RGP-CA	21	After regular service for 3 moths,BF demolition because of shrinkage	Fully lined	Cooling stave
99	Jinloun	Tonghua iron and steel Limited by Share Ltd	Tonghua City	5	-	350	2013-7-1	128	RGP-CM	9	regular service for 18 months	Fully lined	Cooling stave
100	Hebei	Qinhuangdao an Feng Steel Co., Ltd.	Qinghuang dao	3	5.6	450	2013-7-19	101	RGP-CM	15	regular service for more than 12 months	Upper part of Stack	Cooling stave and cooling stack
101	Shaanxi	Longmen Shaanxi iron and Steel Co., Ltd.	Weinan City	2	8.6	1280	2013-7-25	298	RGP-CM,RGP-CA	49	regular service for more than 12 months	fully lined, hood	Cooling stave
102	Hebei	Hebei Ruifeng iron and steel (Group), Steel Corp.	Tangshan City	3	5.6	450	2013-8-23	39	RGP-CM,RGP-CA	4.5	regular service for 3 months,then repair	Upper part of Stack	Cooling stave
103	Jiangsu	Liyang Jianxin Iron & Iron Co., Ltd.	Changzhou City	2	-	420	2013-8-25	85	RGP-CM,RGP-CA	7.5	regular service for more than 12 months	Fully lined	Cooling stave
104	Sichuan	Pangang Group Chengdu steel vanadium Co., Ltd.	Chengdu City	1	10.0	1750	2013-9-16	40	RGP-CM,RGP-CA	8	regular service for more than 18 months	Shaft furnace hearth	Cooling stave

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105	Jilin	Tonghua Iron & Steel Limited by Share Ltd.,	Tonghua	1	12.0	2680	2013-9-20	940	RGP-CM,RGP-CA	30D	regular service for 3 years	Blast furnace pipe system	Cooling stave
106	Shanxi	Xinzhou Huamao Precision Casting Co., Ltd.	Xinzhou City	2	5.6	450	2013-9-29	215	RGP-CM,RGP-CA	25	regular service for 10 months	Fully lined	Cooling stave and cooling stack
107	Shanghai	Shanghai Haibo Xinhui International Trading Co., Ltd.	Shanghai	new2	6.8	750	2013-10-6	225.44	RGP-CM,RGP-CA	16	regular service for more than 18 months	Fully lined	Cooling stave
108	Hebei	Tangshan Guofeng iron and Steel Co., Ltd.	Tangshan City	1	5.6	450	2013-10-7	50	RGP-CM	4.5	regular service for 12 months	Cold free zone	Cooling stave and cooling stack
109	Guangxi	Liuzhou Iron & Steel Limited by Share Ltd.	Liuzhou	9	9.55	1500	2013-10-11	231	RGP-CM,RGP-CA	24	regular service for more than 18 months	Fully lined	Cooling stave
110	Liaoning	Wukuang Yingkou Medium Plate Co Ltd.	Yingkou	2	11.6	2300	2013-10-23	283	RGP-CM,RGP-CA	20	regular service for more than 12 months	Fully lined, riser	Cooling stave
111	Hebei	Hebei Ruifeng iron and steel (Group), Steel Corp.	Tangshan City	1	5.6	450	2013-11-28	15	RGP-CM	3	regular service for more than 12 months	Upper part of Stack	Cooling stave
112	Shaanxi	Shaanxi Longmen iron and Steel Co., Ltd.	Weinan City	new2	10.5	1800	2013-12-8	200	RGP-CM	14	regular service for more than 12 months	Upper part of Belly	Cooling stave
113	Jilin	Siping Xiandai iron and Steel Co., Ltd.	Siping City	1	5.6	450	2013-12-27	277	RGP-CM,RGP-CA	65	regular service for 12 months	Fully lined	Cooling stave

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114	Hebei	Cangzhou iron equipment manufacturing Co., Ltd.	Cangzhou City	4	12.0	2500	2014-1-1	142	RGP-CM	14	regular service for 12 months	Upper part of Stack	Cooling stave
115	Hebei	Chengde Sheng Feng Steel Co., Ltd.	Chengde City	1	-	630	2014-1-4	70	RGP-CM	8	regular service for more than 18 months	Upper part of Stack	Cooling stave
116	Hebei	Shijiazhuang iron and Steel Co., Ltd.	Shijiazhuang	3	8.1	1080	2014-1-11	111	RGP-CM	16	regular service for 12 months	Upper part of Stack	Cooling stave
117	Hebei	Tangshan Stainless Steel Co., Ltd.	Tangshan City	2	5.6	450	2014-1-25	60	RGP-CM	5	service for 7 months, furnace shutdown because of fault	Upper part of Stack	Cooling stave and cooling stack
118	Hebei	Chengde Kuancheng Shengfeng Steel Co., Ltd.	Chengde City	2	-	630	2014-2-11	41	RGP-CM	8	regular service for more than 12 months	Upper part of Stack	Cooling stave
119	Shanxi	Shanxi Jian Bang Group Casting Co., Ltd.	Yuncheng City	4	-	410	2014-2-16	70	RGP-CM		regular service for 12 months	Hot blast dome	dome
120	Jilin	Siping Xiandai iron and Steel Co., Ltd.	Siping City	1	5.6	450	2014-2-18	210	RGP-CM,RGP-CA	26	regular service for 12 months,then repair	Fully lined	Cooling stave
121	Shanxi	Shanxi Jianbang Group Casting Co., Ltd.	Yuncheng City	2	-	150	2014-2-25	42	RGP-CM,RGP-CA	8	regular service for 18 months	Fully lined	Cooling stave
122	Shandong	Mengyin Zhongshan Mining Co., Ltd.	Linyi City	2	6.0	500	2014-3-1	124	RGP-CL(Dedicated to Lime kiln)	27	regular service for more than 2 years,then repair	Fully lined	Lime kiln

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123	Shaanxi	Shanxi Steel & Iron Co., Ltd.	Hanzhoun g	1	5.6	450	2014-3-5	186	RGP-CM,RGP-CA	50	regular service for 10 months	Tuyere and hearth	Cooling stave and cooling stack
124	Shandong	Mengyin Zhongshan Mining Co., Ltd.	Linyi City	7	6.0	500	2014-3-6	138	RGP-CL(Dedicated to Lime kiln)	34	regular service for more than 2 years,then repair	Fully lined	Lime kiln
125	Shanxi	Shougang Changzhi iron and Steel Co., Ltd.	Changzhi City	3	5.6	450	2014-3-8	102	RGP-CM,RGP-CA	27	Reduced capacity,BF demolition	Fully lined	Cooling stave
126	Shandong	Mengyin Zhongshan Mining Co., Ltd.	Linyi City	6	6.0	500	2014-3-9	75	RGP-CL(Dedicated to Lime kiln)	5 days	regular service for more than 2 years,then repair	Fully lined	Lime kiln
127	Hebei	Qinhuangdao Anfeng Steel Co., Ltd.	Qinhuangd ao City	6	5.8	480	2014-3-11	73	RGP-CM,RGP-CA	10	regular service for more than 10 months	Fully lined	Cooling stave and cooling stack
128	Guangxi	Liuzhou Iron & Steel Limited by Share Ltd.	Liuzhou	4	11.0	2000	2014-3-19	485	RGP-CM,RGP-CA	56	regular service for more than 12 months	Fully lined, hood	Cooling stave and cooling stack
129	Shandong	Mengyin Zhongshan Mining Co., Ltd.	Linyi City	1	6.0	500	2014-3-19	97	RGP-CM,RGP-CRGP-CL(Dedicated to Lime kiln)	23	regular service for more than 2 years,then repair	Fully lined	Lime kiln
130	Shanxi	Shanxi Antai group Co., Ltd.	Jinzhong	4	5.6	450	2014-3-21	137	RGP-CM,RGP-CA	15	regular service for more than 12 months	Fully lined	Cooling stave
131	Gansu	Jinchang iron industry (Group) Co., Ltd.	Jinchang City	5	5.6	450	2014-3-22	140	RGP-CM,RGP-CA	6days	regular service for 12 months	Sintered flue pipe system	Sintered flue

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132	Shanxi	Jincheng, Fusheng Steel Co., Ltd.	Jincheng	2	9.0	1380	2014-3-27	170	RGP-CM,RGP-CA	24	regular service for more than 12 months	Fully lined,pipe system	Cooling stave and cooling stack
133	Shandong	Mengyin Zhongshan Mining Co., Ltd.	Linyi City	3	5.8	500	2014-3-27	128	RGP-CM,RGP-CRGP-CL(Dedicated to Lime kiln)	6days	regular service for more than 2 years,then repair	Fully lined	Lime kiln
134	Shanxi	Shanxi, Wenshui, Haiwei iron and Steel Co., Ltd.,	Lvliang City	3	9.0	1380	2014-4-4	80	RGP-CM,RGP-CA	8	regular service for more than 12 months	Stack and Belly	Cooling stave and cooling stack
135	Shandong	Mengyin Zhongshan Mining Co., Ltd.	Linyi City	8	6.0	500	2014-4-5	139	RGP-CM,RGP-CRGP-CL(Dedicated to Lime kiln)	28	regular service for more than 2 years,then repair	Fully lined	Lime kiln
136	Shandong	Mengyin Zhongshan Mining Co., Ltd.	Linyi City	9	6.0	500	2014-4-9	62	RGP-CM,RGP-CRGP-CL(Dedicated to Lime kiln)	14	regular service for more than 2 years,then repair	Fully lined	Lime kiln
137	Jiangsu	Lianyungang Xin Xing company	Lianyungang City	4	6.1	500	2014-4-10	285	RGP-CM,RGP-CA	48	regular service for more than 12 months	Fully lined	Cooling stave and cooling stack
138	Shandong	Mengyin Zhongshan Mining Co., Ltd.	Linyi City	3	6.0	500	2014-4-17	230	RGP-CM,RGP-CRGP-CL(Dedicated to Lime kiln)	7 days	regular service for more than 2 years,then repair	Fully lined	Lime kiln
139	Hebei	Tangshan Guofeng iron and Steel Co., Ltd.	Tangshan City	1	5.6	450	2014-4-27	340	RGP-CM,RGP-CA	36	regular service for more than 16 months	Fully lined	Cooling stave and cooling stack
140	Shandong	Mengyin Zhongshan Mining Co., Ltd.	Linyi City	2	6.0	500	2014-4-29	143	RGP-CM,RGP-CRGP-CL(Dedicated to Lime kiln)	36	regular service for more than 2 years,then repair	Fully lined	Lime kiln

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141	Hebei	Tangshan Guofeng iron and Steel Co., Ltd.	Tangshan City	1	5.6	450	2014-5-21	8	RGP-CM,RGP-CA	2	regular service for 11 months	Cold free zone	Cooling stave and cooling stack
142	Hebei	Hebei Xingtai iron and Steel Co., Ltd.	Xingtai City	1	-	420	2014-5-23	120	RGP-CM,RGP-CA	16	regular service for 12 months	Fully lined	Cooling stave
143	Sichuan	Sichuan Weiyuan pan-way Trading Co. Ltd.	Neijiang City	3	10.0	1750	2014-6-4	100	RGP-CM,RGP-CA	12	regular service for more than 12 months	Stack	Cooling stave
144	Hebei	Qinhuangdao Anfeng Steel Co., Ltd.	Qinhuangdao City	3	5.6	450	2014-6-15	35	RGP-CM	8	regular service for more than 12 months	Upper part of Stack	Cooling stave and cooling stack
145	Xinjiang	Xinjiang Bayi Steel Co. Ltd.	Urumchi City	7	5.6	450	2014-6-15	182	RGP-CM,RGP-CA	20	regular service for more than 6 months	Fully lined	Cooling stave and cooling stack
146	Xinjiang	Xinjiang Xinxing Ductile Iron Pipes Company	Urumchi City	2	8.4	1260	2014-6-25	216	RGP-CM,RGP-CA	27	regular service for more than 12 months	Fully lined	Cooling stave and cooling stack
147	Jiangsu	Yancheng Lianxin Steel Co., Ltd.	Yancheng City	A	7.0	660	2014-7-23	120	RGP-CM	8	regular service for more than 18 months	Furnace throat	Cooling stave and cooling stack
148	Hebei	Tangshan Stainless Steel Co., Ltd.	Tangshan City	1	5.6	450	2014-8-5	200	RGP-CM	15天	regular service for 24months	Riser, down pipe	Cooling stave and cooling stack
149	Hebei	Hebei Longfengshan Casting Co., Ltd.	Handan City	1	6.6	600	2014-8-12	215	RGP-CM,RGP-CA	24	The material appeared to bake and burst,but still regular service for 24months	Fully lined	Cooling stave and cooling stack

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150	Shanxi	Shanxi Changping Iron & Steel Co., Ltd.	Changzhi	2	5.6	450	2014-8-19	130	RGP-CM,RGP-CA	21	regular service for more than 12 months	Fully lined	Cooling stave and cooling stack
151	Hebei	Tangshan Guofeng iron and Steel Co., Ltd.	Tangshan City	1	6.6	600	2014-8-22	200	RGP-CM,RGP-CA	40	regular service for 18 months	Fully lined	Cooling stave and cooling stack
152	Guangxi	Liuzhou Iron & Steel Limited by Share Ltd.	Liuzhou	2	9.0	1500	2014-9-22	55	RGP-CM,RGP-SA(Lower material for sol combines,non cement)	14	regular service for more than 12 months	Fully lined	Cooling stave and cooling stack
153	Shandong	Shandong Jigang Nodular Iron Co., Ltd.	Ji'nan City	1	-	350	2014-10-18	150	RGP-CM,RGP-SA	20	regular service for 10 months	Fully lined	Cooling stave
154	Shanxi	Shanxi Jian Bang Group Casting Co., Ltd.	Linfen City	6	-	380	2014-10-27	60	RGP-CM,RGP-SA	9	regular service for 12 months	Upper part of Stack	Cooling stave
155	Shaanxi	Shaanxi Lueyang iron and Steel Co., Ltd.	Hanzhoung City	1	5.6	450	2014-10-30	130	RGP-CM,RGP-SA	25	regular service for 14 months,BF shutdown	Fully lined	Cooling stave and cooling stack
156	Shanxi	Xinzhou Huamao Precision Casting Co., Ltd.	Xinzhou City	2	5.6	450	2014-11-1	81	RGP-CM,RGP-SA	14	regular service for 15 months	Fully lined	Cooling stave
157	Hebei	Shougang Qian'an iron and Steel Co., Ltd.	Qian'an City	1	12.0	2650	2014-11-4	50	RGP-CM	9	regular service for 24 months	Tuyere	Cooling stave
158	Hebei	Xingtai iron and Steel Co., Ltd.	Xingtai City	1	5.6	450	2014-11-7	60	RGP-CM,RGP-SA	8	regular service for 24 months	Belly and bosh	Cooling stave

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159	Hebei	Hebei Ruifeng iron and steel (Group), Steel Corp.	Tangshan City	1	5.6	450	2014-11-10	21	RGP-CM	3	regular service for 6 months,then repair	Upper part of Stack	Cooling stave and cooling stack
160	Hebei	Hebei Xingtai iron and Steel Co., Ltd.	Xingtai City	5	-	420	2014-11-16	40	RGP-CM,RGP-SA	14	regular service for 18 months	Fully lined	Cooling stave
161	Guangxi	Liuzhou Iron & Steel Limited by Share Co., Ltd.	Liuzhou	1	9.0	1500	2014-11-18	65	RGP-CM,RGP-SA	12	regular service for more than 12 months	Fully lined	Cooling stave
162	Yunnan	Yuxi emerging Steel Co., Ltd.	Yuxi City	1	5.6	450	2014-11-19	109	RGP-CM,RGP-SA	12	regular service for 7 months,BF shutdown	Fully lined	Cooling stave
163	Xinjiang	Shougang Yili iron and Steel Co., Ltd.	Yili	5	-	400	2014-11-24	160	RGP-CM,RGP-SA	20	regular service for more than 6 months	Fully lined	Cooling stave
164	Jiangsu	Jiangyin Xingcheng Special Steel Co. Ltd.	Wuxi City	2	12.6	3200	2014-12-19	43	RGP-CM,RGP-SA	/	regular service for 12 months	Hood	Cooling stave
165	Jiangxi	Xinyu iron and Steel Group Co., Ltd.	Xinyu City	2	8.2	1080	2015-1-15	200	RGP-CM,RGP-SA	32	regular service for 18 months	Fully lined	Cooling stave
166	Henan	Nanyang Hanye Special Steel Co. Ltd	Nanyang City	1	-	380	2015-1-31	110	RGP-CM,RGP-SA	16	regular service for 12 months	Fully lined	Cooling stave and cooling stack
167	Jiangsu	Yancheng Lianxin Co. Ltd.	Yancheng City	7	6.4	630	2015-2-3	195	RGP-CM,RGP-SA	30	regular service for 22 months	Fully lined	Cooling stave and cooling stack

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168	Jiangsu	Danyang Longjiang iron and Steel Co., Ltd.	Zhenjiang City	1	5.6	450	2015-2-24	28	RGP-CM,RGP-SA	5	regular service for 6 months	Bosh	Cooling stave
169	Guangxi	Guangxi Guigang iron and Steel Co., Ltd.	Guigang City	1	8.3	1080	2015-3-4	75	RGP-CM,RGP-SA	14	regular service for 12 months	Fully lined	Cooling stave
170	Hebei	Hebei Anfeng Steel Co., Ltd.	Tangshan City	1	5.65	480	2015-3-19	160	RGP-CM,RGP-SA	22	regular service for more than 12 months	Fully lined	Cooling stave and cooling stack
171	Liaoning	Lingyuan iron and steel Limited by Share Ltd.	Lingyuan City	2	5.6	450	2015-3-21	145	RGP-CM,RGP-SA	16	regular service for more than 12 months	Fully lined	Cooling stave and cooling stack
172	Jilin	Siping Xiandai iron and Steel Co., Ltd.	Siping City	4	5.6	450	2015-3-24	220	RGP-CM,RGP-SA	45	regular service for 3 months,BF shutdown	Fully lined	Cooling stave and cooling stack
173	Hebei	Hebei Anfeng Steel Co., Ltd.	Tangshan City	1	5.6	450	2015-3-27	49	RGP-CM	8	regular service for more than 12 months	Upper part of Stack	Cooling stave and cooling stack
174	Shanxi	Shanxi Zhongsheng Steel Co. Ltd.	Linfen City	2	8.55	1300	2015-3-30	290	RGP-CM,RGP-SA	24	regular service for more than 12 months	Fully lined	Cooling stave
175	Guangxi	Guangxi Guigang iron and Steel Co., Ltd.	Guigang City	1	10.8	2000	2015-3-31	485	RGP-CM,RGP-SA	69	regular service for more than 12 months	Fully lined	Cooling stave
176	Fujian	Fujian Sanbao iron and Steel Co., Ltd.	Zhangzhou City	1	5.6	450	2015-3-31	110	RGP-CM,RGP-SA	10	regular service for more than 24 months	Fully lined	Cooling stave

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177	Shanxi	Shanxi Gao Yi Steel Co., Ltd.	Yuncheng City	3	6.0	580	2015-4-14	50	RGP-SM(upper materials for sol combines ,for hot	8	regular service for more than 12 months	Cold free zone	Cooling stave
178	Hebei	Tangshan Guofeng iron and Steel Co., Ltd.	Tangshan City	1	5.6	450	2015-4-15	24	RGP-CM	3	regular service for 16 months	Cold free zone	Cooling stave and cooling stack
179	Hebei	Tangshan Guofeng iron and Steel Co., Ltd.	Tangshan City	1	5.6	450	2015-4-17	30	RGP-CM	4	regular service for 18 months	Cold free zone	Cooling stave and cooling stack
180	Guangxi	Guangxi Guigang iron and Steel Co., Ltd.	Guigang City	4	9.4	1500	2015-4-19	485	RGP-CM,RGP-SA	48	regular service for more than 12 months	Fully lined	Cooling stave
181	Xinjiang	Xinjiang Aletai gold Haotie Industry Co. Ltd.	Aletai City	2	-	530	2015-5-3	100	RGP-CM,RGP-SA	12	regular service for 3 months	Fully lined	Cooling stave
182	Tianjin	Tianjin steel tube Iron Co., Ltd.	Tianjin City	4	8.2	1080	2015-5-5	105	RGP-CM	12	service for 6 months,spalling locally	Upper part of Stack	Cooling stave and cooling stack
183	Xinjiang	Xinjiang Aletai gold Haotie Industry Co. Ltd.	Aletai City	2	-	530	2015-5-8	100	RGP-CM,RGP-SA	12	service for 4 months,spalling locally	Fully lined	Cooling stave and cooling stack
184	Xinjiang	Xinjiang Yili iron and Steel Co., Ltd.	Yili City	1	-	530	2015-5-8	125	RGP-CM,RGP-SA	15	service for 3 months,spalling locally	Fully lined	Cooling stave
185	Hebei	Hebei Ruifeng iron and steel (Group), Steel Corp.	Tangshan City	1	5.6	450	2015-5-25	15	RGP-CM,RGP-SA	3	regular service for 12 months,BF shutdown	Cold free zone	Cooling stave and cooling stack

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186	Xinjiang	Xinjiang Yili iron and Steel Co., Ltd.	Yili City	1	-	530	2015-5-30	210	RGP-CM,RGP-SA	30	regular service for 6 months	Fully lined	Cooling stave
187	Hebei	Shijiazhuang iron and Steel Co., Ltd.	Shijiazhuang	1	8.2	1080	2015-6-3	206	RGP-CM	30	regular service for 12 months	Upper part of Stack	Cooling stave
188	Guangxi	Guangxi Guigang iron and Steel Co., Ltd.	Guigang City	2	9.5	1500	2015-6-9	312	RGP-CM,RGP-SA	40	regular service for more than 12 months	Fully lined	Cooling stave
189	Hebei	Tangshan Guofeng iron and Steel Co., Ltd.	Tangshan City	2	5.6	450	2015-6-29	15	RGP-CM	3	regular service for 10 months	Upper part of Stack	Cooling stave
190	Guangxi	Guangxi Guigang iron and Steel Co., Ltd.	Guigang City	5	9.5	1500	2015-7-12	165	RGP-CM,RGP-SA	20	regular service for more than 12 months	Fully lined	Cooling stave
191	Jiangsu	Changshu Longteng Special Steel Co., Ltd.	Changshu City	3	9.0	1250	2015-7-25	240	RGP-CM,RGP-SA	24	regular service for more than 15 months	Fully lined	Cooling stave
192	Hebei	Hebei Anfeng Steel Co., Ltd.	Tangshan City	1A	5.6	450	2015-8-9	80	RGP-CM,RGP-SA	15	regular service for more than 12 months	Cold free zone	Cooling stave
193	Shandong	Shandong Jigang Nodular Iron Co., Ltd.	Ji'nan City	1	-	420	2015-8-14	120	RGP-CM,RGP-SA	16	regular service for 12 months	Fully lined	Cooling stave
194	Shanxi	Xinzhou Huamao Precision Casting Co., Ltd.	Xinzhou City	2	5.6	450	2015-8-16	200	RGP-CM,RGP-SA	36	regular service for 18 months	Fully lined	Cooling stave and cooling stack

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195	Xichang	Xichang Sichuan Panzhihua Steel Co., Ltd.	Xichang City	2	9.3	1350	2015-8-17	187	RGP-CM,RGP-SA	22	regular service for more than 18 months	Fully lined	Cooling stave
196	Hebei	Xingtai iron and Steel Co., Ltd.	Xingtai City	2	-	420	2015-8-28	60	RGP-CM,RGP-SA	6	always in use	Fully lined	Cooling stave and cooling stack
197	Hebei	Xingtai iron and Steel Co., Ltd.	Xingtai City	2	-	420	2015-8-28	100	RGP-CM,RGP-SA	8	regular service for 6 months	Fully lined	Cooling stave and cooling stack
198	Hebei	Chengde Hebei Sheng Feng Steel Co., Ltd.	Chengde City	3	6.3	630	2015-9-4	150	RGP-CM,RGP-SA	24	regular service for more than 10 months	Fully lined	Cooling stave and cooling stack
199	Shanxi	Shanxi generalist industry and Trade Co., Ltd.	Linfen City	1	-	410	2015-10-1	100	RGP-CM,RGP-SA	12	regular service for more than 2 years,then repair	Fully lined	Cooling stave and cooling stack
200	Xinjiang	Xinjiang Yili iron and Steel Co., Ltd.	Yili City	2	-	380	2015-10-9	37	RGP-CM	4	regular service for 12 months	Upper part of Stack	Cooling stave
201	Hunan	Hunan Lianyuan iron and Steel Co., Ltd.	Loudi City	2	12.6	3200	2015-10-18	30	RGP-CM,RGP-SA	24	regular service for 18 months	Fully lined	Cooling stave
202	Hebei	Tangshan Wenfeng iron and Steel Co. Ltd.	Tangshan City	1	8.2	1080	2015-10-31	200	RGP-CM,RGP-SA	14	regular service for 6 months,normal production	Fully lined	Cooling stave
203	Fujian	Fujian Ding Nickel Industry Co. Ltd.	Ningde City	7	-	230	2015-11-4	130	RGP-CM,RGP-SA	30	regular service for more than 18 months	Fully lined	Cooling stave and cooling stack

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204	Xinjiang	Xinjiang Yili iron and Steel Co., Ltd.	Yili City	1	-	380	2015-11-22	200	RGP-CM,RGP-SA	36	regular service for 12 months	Fully lined	Cooling stave and cooling stack
205	Hebei	Hebei Wuan Yuhua Co., Ltd.	Handan City	1	8.2	1080	2015-12-3	21	RGP-CM	10	Spalling locally after blow-in	Cold free zone	Cooling stave and cooling stack
206	Hebei	Hebei Wuan Yuhua Co., Ltd.	Handan City	2	8.2	1080	2015-12-3	310	RGP-CM,RGP-SA	40	regular service for 6 months,spalling locally	Fully lined	Cooling stave and cooling stack
207	Liaoning	Fushun New Steel Co., Ltd.	Fushun City	1	5.6	450	2015-12-21	180	RGP-CM,RGP-SA	18	regular service for 18 months	Fully lined	Cooling stave
208	Guizhou	Shougang Shuicheng Iron and steel (Group) Co., Ltd.	Liupanshui City	5	9.0	1350	2016-1-10	183	RGP-CM,RGP-SA	14	regular service for 14 months	Fully lined	Cooling stave
209	Sichuan	Sichuan Xichang Panzhihua Iron and Steel Co., Ltd.	Xichang City	4	10.0	1750	2016-1-12	195	RGP-CM,RGP-SA	16	regular service for 18 months	Fully lined	Cooling stave
210	Jiangsu	Jiangsu Huaian iron and Steel Co., Ltd.	Huaian City	3	-	580	2016-2-2	40	RGP-CM	6	regular service for 12 months,then repair	Fully lined	Cooling stave
211	Jiangsu	Lianyungang Huale Alloy Co., Ltd.	Lianyungang City	1	5.6	450	2016-2-14	150	RGP-CM,RGP-SA	16	regular service for 9 months,BF overhaul	Fully lined	Cooling stave
212	Hebei	Hebei Tang silver steel Co., Ltd.	Tangshan City	6	8.2	1080	2016-2-19	210	RGP-CM,RGP-SA	24	regular service for 8 months,BF overhaul	Fully lined	Cooling stave

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213	Liaoning	Lingyuan iron and Steel Group Co., Ltd.	Lingyuan City	1	-	530	2016-2-20	140	RGP-CM,RGP-SA	28	regular service for 10 months,BF overhaul	Fully lined	Cooling stave and cooling stack
214	Hebei	Xingtai iron and Steel Co., Ltd.	Xingtai City	3	5.6	450	2016-2-21	100	RGP-CM,RGP-SA	15	regular service for 15 months,BF overhaul	Fully lined	Cooling stave
215	Xinjiang	Xinjiang Xinxing Ductile Iron Pipes Company	Urumchi City	1	-	1260	2016-2-29	100	RGP-CM,RGP-SA	18	regular service for more than 12 months	Fully lined	Cooling stave
216	Hebei	Qinhuangdao Baigong Steel Co., Ltd.	Qinhuangdao City	5	6.25	600	2016-2-29	200	RGP-CM,RGP-SA	30	regular service for 6 months,palling locally	Fully lined	Cooling stave
217	Hebei	Langfang Guangyuan metal products Co. Ltd.	Langfang City	1	6.2	630	2016-3-1	245	RGP-CM,RGP-SA	60	regular service for 15 months	Fully lined	Cooling stave and cooling stack
218	Hebei	Tangshan Guofeng iron and Steel Co., Ltd.	Tangshan City	1	5.6	450	2016-3-12	15	RGP-SM	15	regular service for 7 months	Cold free zone	Cooling stave
219	Hebei	Tangshan Guofeng iron and Steel Co., Ltd.	Tangshan City	2	5.8	500	2016-3-14	128	RGP-CM,RGP-SA	13	regular service for 3 months,spalling locally	Fully lined	Cooling stave
220	Guangxi	Guangxi Guigang iron and Steel Group Limited by Share Ltd	Guigang City	3	8.2	1080	2016-3-15	95	RGP-CM,RGP-SA	13	regular service for 14 months	Fully lined	Cooling stave
221	Shanxi	Shanxi Gao Yi Steel Co., Ltd.	Yuncheng City	1	-	630	2016-3-18	100	RGP-SM	11	regular service for 9 months	Cold free zone	Cooling stave

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222	Shanxi	Shanxi Jianlong iron and Steel Co., Ltd.	Linfen City	2	-	630	2016-3-23	168	RGP-CM,RGP-SA	30	regular service for 15 months	Fully lined	Cooling stove
223	Hebei	Chengde Sheng Feng Steel Co., Ltd.	Chengde City	1	-	630	2016-3-28	70	RGP-CM	20	regular service for 8 months	Upper part of Stack	Cooling stove
224	Hebei	Hebei Jinding iron and Steel Co., Ltd.	Handan City	9	8.35	1080	2016-4-5	257	RGP-CM,RGP-SA	40	regular service for 8 months	Fully lined	Cooling stove
225	Hebei	Hebei Jinding iron and Steel Co., Ltd.	Handan City	1	8.35	1080	2016-4-8	30	RGP-CM	7	regular service for 12 months	Cold free zone	Cooling stove
226	Xinjiang	Xinjiang Yili iron and Steel Co., Ltd.	Yili City	2	-	530	2016-4-12	90	RGP-CM,RGP-SA	14	regular service for 12 months	fully lined	Cooling stove
227	Jiangsu	Jiangsu Yancheng Steel Co., Ltd.	Yancheng City Lianxin	3	5.95	630	2016-4-20	25	RGP-SM	5	regular service for more than 8 months	Cold free zone	Cooling stove and cooling stack
228	Mongolia	Baotou Inner Ji Yu iron and Steel Co., Ltd.	Baotou City	2	6.6	660	2016-4-15	200	RGP-CM,RGP-SA	24	regular service for more than 11 months	Fully lined	Cooling stove
229	Jiangsu	Jiangsu Yancheng Steel Co., Ltd.	Yancheng City Lianxin	1	8.2	1080	2016-4-15	215	RGP-SA	29	regular service for 6 months,then repair although materials intact	Lower part of stack	Cooling stove
230	Hebei	Tangshan Guofeng iron and Steel Co., Ltd.	Tangshan City	1	5.6	450	2016-4-25	120	RGP-CM,RGP-SA	60	Protect Cooling stove(thickness for 60mm-80mm),after service for 2 months,spalling locally	Fully lined and pipe system	Cooling stove and cooling stack

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231	Shanxi	Shanxi Houma United Trading Co., Ltd.	Linfen City	2	-	430	2016-4-26	50	RGP-CM	36	regular service for 12 months	Stack,tap hole	Cooling stave
232	Hebei	Tangshan Wenfeng Iron & Steel Co. Ltd.	Tangshan City	1	7.8	850	2016-4-30	260	RGP-CM,RGP-SA	34	regular service for 14 months	Fully lined	Cooling stave
233	Jilin	Tonghua, Steel Co. Ltd.	Tonghua	1	11.0	2680	2016-5-2	200	RGP-CM,RGP-SA	24	Tuyere burning (not in the shotcrete range)	Fully lined	Cooling stave
234	Liaoning	Angang Bayuquan iron and steel branch company	Yingkou City	1	14.6	4038	2016-5-6	200	RGP-CM,RGP-SA	11.5	Average shotcrete thickness for 80mm-100mm,regular service for 12 months	Fully lined	Cooling stave
235	Hebei	Tangshan Shen Sheng Bao Trading Co. Ltd.	Tangshan City	2	-	600	2016-5-9	212	RGP-CM,RGP-SA	44	regular service for 13 months	Fully lined	Cooling stave
236	Hebei	Hebei Tianzhu iron and Steel Group Co., Ltd.	Tangshan City	2	5.6	450	2016-6-8	37	RGP-SM	30	regular service for 12 months	Cold free zone	Cooling stave
237	Hebei	Hebei Yinan Shandong well cast Special Steel Co., Ltd.	Linyi City	1	-	500	2016-6-14	195	RGP-CM,RGP-SA	20	regular service for 12 months,then repair	Fully lined	Cooling stave
238	Jiangsu	iangsu, Huai iron and Steel Co., Ltd.	Huaian City	2	5.6	450	2016-6-15	30	RGP-SM	30	regular service for 12 months	Cold free zone	
239	Shandong	Shandong Chuanyang Group Co. Ltd.	Zibo City	1	5.6	450	2016-7-6	110	RGP-CM	16	regular service for 6 months ,spalling locally	Upper part of Stack	Cooling stave

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240	Shanxi	Shanxi generalist industry and Trade Co., Ltd.	Linfen City	3	10.2	1860	2016-7-24	150	RGP-CM,RGP-SA	12	regular service for 12 months	Fully lined	Cooling stave
241	Ningxia	Ningxia Shenyin special steel Limited by Share Ltd	Shizuishan City	2	8	1180	2016-7-25	218	RGP-CM,RGP-SA	45	regular service for 9 months,spalling locally	Fully lined	Cooling stave
242	Shandong	Shandong Min Yuan Steel Co., Ltd.	Ji'nan City	3	-	550	2016-7-30	45	RGP-SM	15	regular service for 3 months, spalling locally, 6 months later,none materials	Upper part of Stack	Cooling stave
243	Sichuan	Panzhihua Steel Group Panzhihua Steel Vanadium Co., Ltd.	Panzhihua City	1	11.0	2000	2016-8-5	175	RGP-CM,RGP-SA	12	regular service for 10 months	Fully lined	Cooling stave and cooling stack
244	Hebei	Tangshan Guofeng iron and Steel Co., Ltd.	Tangshan City	1	5.6	450	2016-8-6	106	RGP-CM,RGP-SA	20	Blast furnace riser regular service for 10 months	Fully lined	Cooling stave
245	Fujian	Fujian Luoyuan Minguang Steel Co., Ltd.	Fuzhou City	3	6.6	660	2016-8-10	210	RGP-CM,RGP-SA	42	regular service for 3 months, spalling locally	Fully lined	cooling stack
246	Jiangsu	Xuzhou iron and Steel Co., Ltd.	Xuzhou City	4	5.55	450	2016-8-25	122	RGP-CM,RGP-SA	30	BF shutdown because of environmental protection requirements	Fully lined	Cooling stave and cooling stack
247	Liaoning	Jinzhou Yixian Hongyi industry and Trade Co., Ltd.	Jinzhou City	2	-	300	2016-8-29	68	RGP-CM,RGP-SA	8	BF shutdown because after regular service for 6 months, spalling locally	Stack and Belly	Cooling stave
248	Shandong	Shandong Chuanyang Steel Co. Ltd.	Zibo City	1	5.6	450	2016-8-29	141	RGP-SM	24	regular service for 6 months, spalling locally	Upper part of Stack	Cooling stave

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249	Jiangsu	Jiangyin Huaxi iron and Steel Co., Ltd.	Wuxi City	1	5.6	450	2016-9-3	100	RGP-CM,RGP-SA	24	regular service for 9 months	Upper part of Belly	Cooling stave
250	Jiangsu	Changzhou, Dongfang special steel Co., Ltd.	Changzhou City	3	5.6	450	2016-9-6	151	RGP-CM,RGP-SA	18	regular service for 10 months	Fully lined	Cooling stave
251	Shandong	Shandong Chuanyang Steel Co. Ltd.	Zibo City	1	-	380	2016-9-7	9	RGP-CN(the upper materials for cement combines)	14	regular service for 9 months		Cooling stave
252	Hebei	Qinhuangdao Baigong Steel Co., Ltd.	Qinhuangdao City	2	6.25	600	2016-9-15	30	RGP-CN	4	regular service for 12 months	Cold free zone	Cooling stave
253	Hebei	Chengde Kuancheng Shengfeng Steel Co. Ltd.	Chengde City	1	-	630	2016-10-12	55	RGP-CN	7	regular service for 8 months	Upper part of Stack	Cooling stave and cooling stack
254	Shanxi	Shanxi Xingyuan Steel Co. Ltd.	Linfen City	1	6.0	550	2016-10-15	70	RGP-CN	12	regular service for 6 months, spalling locally	Cold free zone	Cooling stave and cooling stack
255	Hebei	Tangshan Jianlong Special Steel Co., Ltd.	Tangshan City	2	5.6	450	2016-10-28	36	RGP-CN	6	regular service for 6 months, spalling locally	Cold free zone	Cooling stave
256	Shanxi	Shougang Changzhi iron and Steel Co., Ltd.	Changzhi City	3	8.2	1080	2016-11-2	70	RGP-CN	8	regular service for 7 months	Upper part of Stack	Cooling stave
257	Liaoning	Wukuang Yingkou Medium Plate Co., Ltd.	Yingkou	1	11	2350	2016-11-3	238	RGP-CN,RGP-SA	24	regular service for 7 months	Fully lined	Cooling stave

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258	Shanxi	Shanxi Jianlong iron and Steel Co., Ltd.	Houma City	9	6.0	630	2016-11-10	162	RGP-CN,RGP-SA	24	regular service for 6 months	Fully lined	Cooling stave
259	Shanxi	Shanxi MingFu Iron & Steel Co., Ltd.	Yuncheng City	新1	-	420	2016-11-22	98	RGP-CN,RGP-SA	12	regular service for 7 months	Fully lined	Cooling stave and cooling stack
260	Hebei	Qinhuangdao Hongxing Industrial Co., Ltd.	Qinhuangdao City	8	-	450	2016-11-25	30	RGP-CN	8	regular service for 7 months	Cold free zone	
261	Shanxi	Shanxi MingFu Iron & Steel Co., Ltd.	Yuncheng City	2	5.4	420	2016-11-29	112	RGP-CN,RGP-SA	16	regular service for 7 months	Fully lined	Cooling stave and cooling stack
262	Jilin	Jilin Heng Lian Precision Casting Technology Co., Ltd.	Jilin City	1	5.6	450	2016-12-8	125	RGP-CN,RGP-SA	16	regular service for 6 months	Fully lined	Cooling stave and cooling stack
263	Jiangsu	Yancheng Lianxin City Steel Co., Ltd.	Yancheng City	1		1280	2016-12-12	220	RGP-CN,RGP-SA	30	regular service for 6 months	Fully lined	Cooling stave
264	Liaoning	Anshan Baode Steel Co., Ltd.	Anshan City	2	5.4	450	2016-12-12	50	RGP-CN	8	regular service for 10 months,then repair	Cold free zone	Cooling stave
265	Jiangsu	Yancheng Lianxin City Steel Co., Ltd.	Yancheng City	2	6.6	660	2016-12-13	240	RGP-CN,RGP-SA	36	regular service for 6 months so far	Fully lined	Cooling stave
266	Jiangsu	Jiangsu Qinyou Special Steel Co., Ltd.	Yangzhou City	2	5.6	450	2016-12-21	50	RGP-CN,RGP-SA	8	regular service for 6 months so far	Cold free zone	Cooling stave

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267	Hebei	Chengde Kuancheng Shengfeng Steel Corp	Chengde City	1	-	630	2016-12-27	75	RGP-CN,RGP-SA	8	regular service for 6 months so far	Cold free zone	Cooling stave
268	Shanxi	Hejin Xinyuan iron and Steel Co., Ltd.	Hejin City	2	5.6	450	2016-12-28	160	RGP-CN,RGP-SA	18	regular service for 6 months so far	Fully lined	Cooling stave
269	Hebei	Hebei Tianzhu iron and Steel Group Co., Ltd.	Tangshan City	1	6.15	580	2016-12-31	154	RGP-CN,RGP-SA	20	regular service for 6 months so far	Fully lined	Cooling stave and cooling stack
270	Shanxi	Shanxi Gao Yi Steel Co., Ltd.	Yuncheng City	2	-	630	2017-1-3	105	RGP-CN	15	regular service for 5 months so far	Cold free zone	Cooling stave and cooling stack
271	Fujian	Fujian green extension nickel (Dingxin) Co. Ltd.	Ningde City	3	3.25	230	2017-1-6	105	RGP-CN,RGP-SA	16	regular service for 6 months so far	Fully lined	Cooling stave
272	Sichuan	Chengyu Vanadium Titanium Technology Co., Ltd.	Neijiang City	1	5.6	450	2017-1-10	103	RGP-CN,RGP-SA	16	regular service for 3 months, spalling locally	Fully lined	Cooling stave
273	Shandong	Shandong Chuanyang Steel Co. Ltd.	Zibo City	2	-	380	2017-1-15	72	RGP-CN,RGP-SA	14	regular service for 6 months so far	Fully lined	Cooling stave
274	Hebei	Qinhuangdao Baigong Steel Co., Ltd.	Qinhuangdao City	1	6.25	600	2017-2-21	120	RGP-CN,RGP-SA	16	blow-in from march,regular service so far	Fully lined	Cooling stave
275	Guangdong	Guangdong, Jieyang, Thailand, Steel Co., Ltd.	Jieyang	1	5.6	450	2017-2-9	8	RGP-SA	4	blow-in from april,regular service so far	tuyere	Cooling stave

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276	Shaanxi	Shaanxi Lueyang iron and Steel Co., Ltd.	Hanzhoun g City	1	5.6	450	2017-2-26	25	RGP-CN,RGP-SA	8	blow-in from march,regular service so far	Fully lined	Cooling stave
277	Henan	Henan Anyang iron and Steel Co., Ltd.	Anyang City	1	11.6	2200	2017-2-28	360	RGP-CN,RGP-SA	30	regular service for 4 months so far	Fully lined	Cooling stave and cooling stack
278	Guigang	Guangxi Guangxi iron and Steel Group Co., Ltd.	Guigang City	3	5.5	530	2017-3-13	134	RGP-CN,RGP-SA	13	blow-in from march,regular service so far	Fully lined	Cooling stave and cooling stack
279	Mongolia	Mongolia Chifeng yuan Lian steel Co. Ltd.	Chifeng City	1	G2:G303+ [Allied	450	2017-3-18	6	RGP-CN	2	regular service for 3 months so far	Cold free zone	Cooling stave and cooling stack
280	Hebei	Tangshan an iron and Steel Co., Ltd.	Tangshan City	3	6.15	650	2017-3-25	74	RGP-CN,RGP-SA	36	blow-in from april,regular service so far	Fully lined	Cooling stave and cooling stack
281	Jiangsu	Jiangsu Huai iron and Steel Co., Ltd.	Huaian City	1	-	580	2017-3-26	170	RGP-CN	36	regular service for 3 months so far	Cold free zone	Cooling stave
282	Heilongjian g	Xilin Iron and Steel Group Co., Ltd.	Yichun City	1	9.65	1260	2017-3-26	65	RGP-CN	10	blow-in from march,regular service so far	Upper part of Stack	Cooling stave
283	Jiangsu	Xuzhou, Baofeng, Steel Co., Ltd.	Xuzhou	3、6	5.6	450	2017-3-27	275	RGP-CN,RGP-SA	30	blow-in from april,regular service so far	Tuyere,Belly and Bosh	Cooling stave
284	Guizhou	Shougang Shuicheng Iron and steel Co., Ltd.	Liupanshu i	5	9.55	1350	2017-3-31	140	RGP-CN,RGP-SA	14	regular service for 3 months so far	Fully lined	Cooling stave

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285	Heilongjiang	Xilin Iron and Steel Group Co., Ltd.	Yichun City	1	6.15	580	2017-4-3	232	RGP-CN,RGP-SA	48	blow-in from april,regular service so far	Fully lined	Cooling stave
286	Hunan	Hunan Lianyuan iron and Steel Co., Ltd.	Loudi City	3	12.6	3200	2017-4-4	327	RGP-CN,RGP-SA	36	regular service so far	Fully lined	Cooling stave
287	Jiangsu	Xuzhou Taifa Special Steel Technology Co., Ltd.	Xuzhou City	4	5.6	450	2017-4-5	40	RGP-CN	8	regular service for 2 months so far	Cold free zone	Cooling stave
288	Jiangsu	Yangzhou Qinyou Special Steel Co., Ltd.	Yangzhou City	7	8.2	1080	2017-4-8	71	RGP-CN	10	blow-in from april,regular service so far	Cold free zone	Cooling stave
289	Hebei	Qinhuangdao Hongxing iron and Steel Co. Ltd.	Qinhuangdao City	1	5.6	450	2017-4-12	30	RGP-CN	6	regular service for 2 months so far	Cold free zone	Cooling stave
290	Yunnan	Yunnan Qujing Innovation Materials Co., Ltd.	Qujing City	1	-	600	2017-4-13	195	RGP-CN,RGP-SA	20	regular service so far	Fully lined	Cooling stave
291	Hebei	Qinhuangdao Hongxing iron and Steel Co. Ltd.	Qinhuangdao City	5	5.6	450	2017-4-17	40	RGP-CN	6	regular service for 2 months so far	Cold free zone	Cooling stave and cooling stack
292	Yunnan	Yunnan Qujing Innovation Materials Co., Ltd.	Qujing City	3	5.6	450	2017-4-24	157	RGP-CN,RGP-SA	15	blow-in from May,regular service so far	Fully lined	Cooling stave and cooling stack
293	Guizhou	Shougang Shuicheng Iron and steel Co., Ltd.	Liupanshui	1	12.8	2580	2017-4-25	215	RGP-CN,RGP-SA	18	blow-in from May,regular service so far	Fully lined and hood	Cooling stave and cooling stack

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294	Hebei	Tangshan Xinxng Steel Co., Ltd.	Tangshan City	1	5.6	450	2017-5-13	50	RGP-CN	8	blow-in from May,regular service so far	Cold free zone	Cooling stave
295	Anhui	Anhui Saint Gobain Piping System Co. Ltd.	Ma'anshan City	4	-	260	2017-5-17	30	RGP-CN	6	regular service so far	Upper part of Stack	Cooling stave
296	Heilongjiang	Xilin Iron and Steel Group Co., Ltd.	Yichun City	1	9.0	1260	2017-5-20	252	RGP-CN,RGP-SA	36	blow-in from June,regular service so far	Fully lined	Cooling stave
297	Liaoning	Benxi iron (Group) Co., Ltd.	Benxi City	1	3.9	191	2017-5-24	80	RGP-CN,RGP-SA	16	blow-in from June,regular service so far	Fully lined	Cooling stave
298	Jiangsu	Jiangsu Hongchang plate Co. Ltd.	Wuxi City	5	15.5	5800	2017-5-25	425	RGP-CN,RGP-SA	36	blow-in from June,regular service so far	Fully lined	Cooling stave
299	Heibei	Donghua iron and Steel Co., Ltd.	Tangshan City	1	8.36	1580	2017-5-30	210	RGP-CN,RGP-SA	28	blow-in from June,regular service so far	Fully lined	Cooling stave
300	Shanxi	Changping Iron & Steel Co., Ltd.	Changzhi City	1	5.4	450	2017-6-2	130	RGP-CN,RGP-SA	16	blow-in from June,regular service so far	Fully lined	Cooling stave and cooling stack
301	Fujian	Fujian qingtuo nickel Co. Ltd.	Ningde City	3	-	230	2017-6-4	170	RGP-CN,RGP-SA	20	blow-in from June,regular service so far	Fully lined and hood	Cooling stave
302	Henan	Henan Yaxin iron and Steel Group Co., Ltd.	Anyang City	2	5.8	450	2017-6-12	15	RGP-CN	6	blow-in from June,regular service so far	Hood	Cooling stave
303	Shanxi	Shanxi Xintai Steel co., LTD	Jiexiu City	1	5.45	450	2017-6-25	128	RGP-CN	15	blow-in from July,regular service for 6 months so far	Fully lined	Cooling stave and cooling stack

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304	Hebei	Tangshan Xinxinglong Steel co. LTD	Tangshan City	1	5.6	450	2017-7-1	95	RGP-CN,RGP-SA	10	blow-in from July,regular service so far	Fully lined	Cooling stave and cooling stack
305	Shanxi	Shanxi Tongcai Industry and Trade co. LTD	Linfen City	1	5.2	380	2017-7-2	33	RGP-CN	4	blow-in from July,regular service so far	Upper part of Stack	Cooling stave and cooling stack
306	Guangxi	Guangxi RongXinda resources co., LTD	Qinzhou City	1	5.6	450	2017-7-10	50	RGP-SA	6	blow-in from July,regular service so far	Upper part of Stack	Cooling stave and cooling stack
307	Hebei	Chengde Sheng Feng Steel Co., Ltd.	Chengde City	2	6.2	630	2017-7-11	100	RGP-CN	12	blow-in from July,regular service so far	Upper part of Stack	Cooling stave
308	Henan	Nanyang Hanye Special steel co., LTD	Nanyang City	2	5.6	450	2017-7-12	80	RGP-CN,RGP-SA	10	blow-in from July,regular service so far	Fully lined	Cooling stave and cooling stack
309	Hebei	Hebei Tianzhu Steel Group co. LTD	Tangshan City	2	5.6	450	2017-7-16	20	RGP-CN	3	blow-in from July,regular service for 5 months so far	Cold free zone	Cooling stave and cooling stack
310	Hebei	Qinhuangdao Hongxing Iron and Steel Co. Ltd.	Qinhuangdao City	5	5.6	450	2017-7-16	25	RGP-CN	3	regular service for 5 months so far	Cold free zone	Cooling stave and cooling stack
311	Hebei	Qinhuangdao Hongxing Iron and Steel Co. Ltd.	Qinhuangdao City	7	8.24	1080	2017-7-17	23	RGP-CN	3	blow-in from July,regular service so far	Cold free zone	Cooling stave
312	Hebei	Qinhuangdao Hongxing Iron and Steel Co. Ltd.	Qinhuangdao City	4	5.6	450	2017-7-19	27	RGP-CN	3	regular service so far	Cold free zone	Cooling stave and cooling stack
313	Hebei	Qinhuangdao Hongxing Iron and Steel Co. Ltd.	Qinhuangdao City	6	5.6	450	2017-7-21	7	RGP-CN	2	blow-in from August,regular service so far	Cold free zone	Cooling stave and cooling stack

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314	Shandong	Shandong Linyi Sande steel co. LTD	Linyi City	1	6	500	2017-7-23	180	RGP-CN,RGP-SA	24	blow-in from August,regular service for 5 months so far	Fully lined	Cooling stave and cooling stack
315	Hebei	Tangshan Jingan Iron andSteel co. LTD	Tangshan City	2	6.4	630	2017-7-29	10	RGP-CN	2	blow-in from August,regular service for 5 months so far	Upper part of Stack	Cooling stave and cooling stack
316	Hebei	Tangshan Xinxinglong Steel co. LTD	Tangshan City	2	3	86	2017-7-31	107	RGP-CN,RGP-SA	12	regular service for 5 months so far	Fully lined	Cooling stave
317	Yunnan	Qujingxinchuang new materials co. LTD	Qujing City	1	3.8	188	2017-8-1	25	RGP-CN,RGP-SA	2	regular service so far	Fully lined	Cooling stave
318	Shanxi	Shanxi Tongcai Industry and Trade co. LTD	Linfen City	2	5.4	450	2017-8-12	24	RGP-CN	2	regular service so far	Upper part of Stack	Cooling stave
319	Sichuan	Xichang Pangang Group Steel Vanadium co., LTD	Xichang City	1	9.48	1750	2017-8-25	200	RGP-CN,RGP-SA	24	regular service so far	Fully lined	Cooling stave
320	Shandong	Shandong Chuanyang Steel Co. Ltd.	Zibo City	2	5.4	450	2017-8-31	29	RGP-CN	2	regular service so far	Upper part of Stack	Cooling stave
321	Hebei	Tangshan Donghua Iron and Steel Co., Ltd.	Tangshan City	1	5.45	450	2017-9-10	53	RGP-CN	4	regular service so far	Upper part of Stack	Cooling stave
322	Shanxi	Shanxi GaoYi Iron and Steel co., LTD	Gaoyi City	1	6.38	630	2017-9-12	5	RGP-CN	2	regular service for 4 months so far	Cold free zone	Cooling stave

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323	Anhui	China metallurgical Huatian Engineering Technology co., LTD	Maanshan City	2	10.35	2500	2017-9-15	266	RGP-CN,RGP-SA	36	blow-in from September,regular service so far	Fully lined	Cooling stave
324	Xinjiang	Shougang Yili Steel co., LTD	Yili City	2	5.3	450	2017-9-17	85	RGP-CN,RGP-SA	12	regular service so far	Fully lined	Cooling stave and cooling stack
325	Jiangsu	Jiangsu Lihuai Steel co. LTD	Huaian City	4	5.4	450	2017-9-18	27	RGP-CN,RGP-SA	4	regular service so far	Fully lined	Cooling stave and cooling stack
326	Jiangsu	Jiangsu Lihuai Steel co. LTD	Huaian City	5	5.4	450	2017-9-19	75	RGP-CN,RGP-SA	10	regular service so far	Fully lined	Cooling stave and cooling stack
327	Hebei	Tangshan Wenfeng Machinery Equipment co. LTD	Tangshan City	2	7.7	1080	2017-9-22	305	RGP-CN,RGP-SA	36	blow-in from November,regular service so far	Fully lined	Cooling stave
328	Xinjiang	Xinjiang Yili Steel co. LTD	Yili City	1		550	2017-9-25	66	RGP-CN,RGP-SA	8	regular service for 4 months so far	Fully lined	Cooling stave and cooling stack
329	Yunnan	Yunnan Yuxi Xianfu Steel (group) co. LTD	Yuxi City	3	6.3	630	2017-9-26	191	RGP-CN,RGP-SA	24	regular service for 4 months so far	Fully lined	Cooling stave and cooling stack
330	Zhejiang	Quzhou YuanliMetal Products Co., Ltd.	Quzhou City	4		580	2017-9-30	193	RGP-CN	24	regular service so far	Fully lined	Cooling stave
331	Henan	Nanyang HanYe Special Steel co., LTD	Nanyang City	1	5	380	2017-10-6	107	RGP-CN,RGP-SA	12	regular service so far	Fully lined	Cooling stave

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332	Shanxi	Shanxi Xintai Steel co., LTD	Jiexiu City	4	7.62	1080	2017-10-17	68	RGP-CN	8	regular service so far	Cold free zone	Cooling stave
333	Shanxi	Shanxi Xintai Steel co., LTD	Jiexiu City	3	5.6	450	2017-10-24	63	RGP-CN	8	regular service so far	Cold free zone	Cooling stave and cooling stack
334	Jiangsu	Xuzhou Fengxin Industry and Trade co. LTD	Xuzhou City	2	6	630	2017-10-25	280	RGP-CN,RGP-SA	30	regular service so far	Fully lined	Cooling stave
335	Hunan	Hengyang Hualing Continuous Rolling Pipe co. LTD	Hengyang City	1	7.48	1080	2017-10-27	192	RGP-CN,RGP-SA	24	regular service so far	Fully lined	Cooling stave
336	Heilongjiang	Northeast Special Steel Group Beiman special steel co. LTD	Qiqihaer City	2	5.4	450	2017-10-30	181	RGP-CN,RGP-SA	24	regular service so far	Fully lined	Cooling stave and cooling stack
337	Shanxi	Shanxi Zhongsheng Steel co. LTD	Linfen City	1	8.5	1300	2017-11-15	249	RGP-CN,RGP-SA	30	regular service so far	Fully lined	Cooling stave
338	Hebei	Tangshan Xinjing Special Steel co. LTD	Tangshan City	2	6.82	750	2017-11-23	200	RGP-CN,RGP-SA	24	regular service so far	Fully lined	Cooling stave and cooling stack
339	Hebei	Shougang Jingtang United Steel co. LTD	Tangshan City	2	15.5	5500	2017-11-27	570	RGP-CN,RGP-SA	50	regular service so far	Fully lined	Cooling stave
340	Jiangsu	Xuzhou Taifa Special Steel Technology Co., Ltd.	Xuzhou City	2	6.3	580	2017-11-28	150	RGP-CN,RGP-SA	20	regular service so far	Fully lined	Cooling stave

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341	Tianjin	Tianjin Steel Pipe Manufacturing co. LTD	Tianjin City		7.5	1000	2017-12-12	195	RGP-CN,RGP-SA	24	regular service so far	Fully lined	Cooling stave
342	Jiangsu	Yancheng Lianxin Steel Co., Ltd.	Yancheng City	3	6.5	1080	2017-12-22	228	RGP-CN,RGP-SA	30	regular service so far	Fully lined	Cooling stave
343	Shanxi	Xiangfen Xinjinshan Special Steel co. LTD	Linfen City	2	5.65	550	2017-12-25	210	RGP-CN,RGP-SA	24	regular service so far	Fully lined	Cooling stave
344	Yunnan	Yunnan Qujing steel (group) co. LTD	Qujing City	3	6.4	630	2017-12-28	173	RGP-CN,RGP-SA	18	regular service so far	Fully lined	Cooling stave
345	Sichuan	Xichang Pangang Group Steel Vanadium co., LTD	Xichang City	2	11.7	1750	2017-12-29	205	RGP-CN,RGP-SA	24	regular service so far	Fully lined	Cooling stave
346	Jiangsu	Yancheng Lianxin Steel Co., Ltd.	Yancheng City	1	6.24	630	2018-1-3	8	RGP-CN,RGP-SA	2	regular service so far	Fully lined	Cooling stave and cooling stack
347	Hebei	Qinhuangdao HongXing steel co., LTD	Qinhuangdao City	7	7.84	1080	2018-1-13	30	RGP-CN	4	regular service so far	Cold free zone	Cooling stave
348	Jiangsu	Xuzhou Southeast Steel Industry co. LTD	Xuzhou City	2	5.68	500	2018-1-14	163	RGP-CM,RGP-SA	18	regular service so far	Fully lined	Cooling stave and cooling stack
349	Shanxi	Hejin Huaxinyuan Iron and Steel co. LTD	Hejin City	2	6.3	450	2018-1-16	210	RGP-CM,RGP-SA	24	regular service so far	Fully lined	Cooling stave and cooling stack

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350	Liaoning	Liaoyang Steel co. LTD	Liaoyang City	4	5.6	450	2018-1-18	140	RGP-CM,RGP-SA	18	regular service so far	Fully lined	Cooling stave and cooling stack
351	Guizhou	Shougang Shuicheng Iron and steel Co., Ltd.	Liupanshui City	3	8.9	1350	2018-1-19	11	RGP-CM	3	regular service so far	Hood	Cooling stave

序号	省份	公司名称	城市	高炉 编号	炉缸直 径 (m)
1	黑龙江	西林钢铁集团阿城钢铁有限公司	伊春市	1	5.6
2	天津	天津荣程联合钢铁集团有限公司	津南区	3	6.39
3	四川	攀钢集团西昌新钢业有限公司	攀枝花	2	5.5
4	越南	越南和发钢铁有限公司	越南河内	1	5.6
5	浙江	衢州元立金属制品有限公司	衢州市	2	5.55
6	浙江	衢州元立金属制品有限公司	衢州市	1	5.55
7	天津	天津荣程联合钢铁集团有限公司	津南区	1	5.6
8	陕西	陕西汉中钢铁集团公司	汉中市	2	5.33
9	河北	承德盛丰钢铁有限公司	承德市	2	6
10	江苏	宝钢梅山钢铁股份有限公司	南京市	2	8.2
11	河北	河北钢铁股份有限公司唐山分公司	唐山市	3	12.6
12	河北	河北钢铁股份有限公司唐山分公司	唐山市	3	12.6
13	河北	唐山国丰钢铁有限公司	唐山市	1	5.6
14	浙江	衢州元立金属制品有限公司	衢州市	4	6.4
15	越南	越南和发钢铁有限公司	越南河内	1	5.2
16	浙江	衢州元立金属制品有限公司	衢州市	3	6.45
17	陕西	陕西龙门钢铁有限责任公司	渭南市	1	5.6
18	河北	河北钢铁股份有限公司唐山分公司	唐山市	1	12.6
19	河北	石家庄钢铁有限责任公司	石家庄市	0	5.6
20	天津	天津荣程联合钢铁集团有限公司	津南区	3	6.4
21	山西	山西海鑫钢铁集团有限公司	运城市	6	8.3
22	黑龙江	西林钢铁集团阿城钢铁有限公司	伊春市	1	5.6
23	山西	山西海鑫钢铁集团有限公司	运城市	5	8.15
24	辽宁	抚顺新钢铁有限公司（建龙集团）	抚顺市	4	5.3
25	河北	河北龙凤山铸业有限公司	邯郸市	1	6.6
26	山西	山西省河津市华鑫源钢铁有限公司	运城市	1	5.6
27	山西	山西立恒钢铁股份有限公司	临汾市	3	5.6
28	河北	承德盛丰钢铁有限公司	承德市	2	6.6
29	山西	山西立恒钢铁股份有限公司	临汾市	4	5.6
30	辽宁	抚顺新钢铁有限责任公司	抚顺市	3	5.6
31	山西	山西立恒钢铁股份有限公司	临汾市	3	6.4
32	山西	山西宏达钢铁集团有限责任公司	运城市	5	5
33	天津	天津荣程钢铁集团股份有限公司	津南区	新1	8.3
34	浙江	衢州元立金属制品有限公司	衢州市	1	5.6
35	山西	晋城福盛钢铁公司	晋城市	3	8.3
36	浙江	衢州元立金属制品有限公司	衢州市	2	5.6
37	江苏	沙钢集团宏昌钢板有限公司	苏州市	1	11.5
38	山东	日照钢铁有限公司	日照市	7	7
39	四川	攀钢集团西昌新钢业有限公司	攀枝花市	2	5.6
40	山东	日照钢铁有限公司	日照市	13	6.65
41	山西	山西海鑫钢铁集团有限公司	运城市	7	6.5
42	山东	日照钢铁有限公司	日照市	9	6.65
43	山西	陕西龙门钢铁有限责任公司	渭南市	新1	8.2
44	天津	天津荣程钢铁集团股份有限公司	津南区	2	6.4
45	天津	天津荣程钢铁集团股份有限公司	津南区	新1	5.6
46	新疆	新疆金特钢铁股份公司	巴音郭楞蒙古自治州	2	5.6
47	河南	安阳华诚特钢有限公司	安阳市	1	8.2
48	吉林	通化钢铁股份有限公司	通化市	3	5.2

49	河北	邢台未来钢铁公司	邢台市	1	5.25
50	吉林	通化钢铁股份有限公司	通化市	1	5.2
51	山西	山西通才工贸有限公司	临汾市	新1	-
		山西通才工贸有限公司	临汾市	新1	-
52	四川	达州钢铁集团有限责任公司	达州市	3	5.6
53	山西	山西理成科贸集团有限公司	临汾市	1	-
54	河北	承德盛丰钢铁有限公司	承德市	2	6.5
55	天津	天津市天重江天重工有限公司	北辰区	1	6.3
56	辽宁	抚顺罕王直接还原铁有限公司	抚顺市	1	6.3
57	山西	忻州华茂精密铸造有限公司	忻州市	2	5.6
58	江苏	沙钢集团华盛炼铁厂	苏州市	3	5.6
59	陕西	陕西略阳钢铁有限责任公司	汉中市	1	5.6
60	天津	天津荣程联合钢铁集团有限公司	津南区	4	8.2
61	四川	德胜集团钢铁有限公司炼铁厂	乐山市	1	-
62	山西	山西通才工贸有限公司	临汾市	2	-
63	天津	天津钢管制铁有限公司	东丽区	1	8.2
64	河北	唐山建龙钢铁有限公司	唐山市	1	5.6
65	江苏	沙钢集团宏发炼铁厂	苏州市	2	12
66	黑龙江	黑龙江建龙钢铁有限公司	双鸭山市	1	5.6
67	黑龙江	黑龙江建龙钢铁有限公司	双鸭山市	2	5.6
68	江苏	沙钢集团宏发炼铁厂	苏州市	2	12
69	江西	新余钢铁股份有限公司	新余市	7	8.2
70	新疆	新疆金特钢铁公司	巴音郭楞蒙古自治州	1	6.35
71	山西	山西宏达钢铁集团有限责任公司	运城市	6	5.6
72	天津	天津市天重江天重工有限公司	北辰区	1	6.3
73	湖南	湖南湘潭钢铁有限公司	湘潭市	4	-
74	吉林	通化钢铁股份有限公司	通化市	2	-
75	甘肃	金昌铁业（集团）有限责任公司	金昌市	2	5.6
76	山东	山东钢铁股份有限公司济南分公司	济南市	3	-
77	山西	山西海鑫钢铁集团有限公司	运城市	6	9
78	山西	山西建邦集团铸造有限公司	临汾市	2	-
79	河北	河北龙凤山铸业有限公司	邯郸市	2	6.4
80	河北	沧州中铁装备制造材料有限公司	沧州市	1	12
81	山西	山西海鑫钢铁集团有限公司	运城市	5	8.2
82	山西	山西华鑫源钢铁有限公司	运城市	1	5.6
83	山西	山西华鑫源钢铁有限公司	运城市	1	5.6
84	江西	萍乡萍钢安原钢铁有限公司	江西省	2	5.6
85	河北	河北龙凤山铸业有限公司	邯郸市	1	6.4
86	河北	唐山国丰钢铁有限公司	唐山市	5	5.6
87	河北	承德盛丰钢铁有限公司	承德市	2	6.3
88	山东	日照钢铁有限公司	日照市	9	6.6
89	新疆	首钢伊犁钢铁有限公司	伊犁哈萨克自治州	2	-
90	吉林	通化钢铁股份有限公司	通化市	6	-
91	黑龙江	西林钢铁集团	伊春市	5	8.5
92	黑龙江	西林钢铁集团	伊春市	6	8.5
93	山东	日照钢铁有限公司	日照市	8	-
94	河南	舞钢双宏钢铁有限公司	平顶山市	1	-
95	新疆	新兴铸管新疆有限公司	巴音郭楞蒙古自治州	1	8.1
96	河北	河北钢铁集团燕山钢铁有限公司	迁安市	6	5.6
97	山西	山西新临钢钢铁有限公司	临汾市	1	-
98	吉林	通化钢铁股份有限公司	通化市	5	-
99	河北	秦皇岛安丰钢铁有限公司	秦皇岛	3	5.6
100	陕西	陕西龙门钢铁有限责任公司	渭南市	2	8.6
101	河北	唐山瑞丰钢铁（集团）粤丰钢铁公司	唐山市	1	5.6
102	江苏	溧阳建新制铁有限公司	常州市	1	-
103	四川	攀钢集团成都钢钒有限公司	成都市	2	10
104	吉林	通化钢铁股份有限公司	通化市	新2	12
105	山西	忻州华茂精密铸造有限公司	忻州市	1	5.6
106	山西	上海海博鑫惠国际贸易有限公司	运城市	9	6.8
107	河北	唐山国丰钢铁有限公司	唐山市	2	5.6

108	广西	柳州钢铁股份有限公司	柳州市	1	9.55
109	辽宁	五矿营口中板有限责任公司	营口市	新2	11.6
110	河北	唐山瑞丰钢铁（集团）粤丰钢铁公司	唐山市	1	5.6
111	陕西	陕西龙门钢铁有限责任公司	渭南市	4	10.5
112	吉林	四平现代钢铁有限公司	四平市	1	5.6
113	河北	沧州中铁装备制造材料有限公司	沧州市	3	12
114	河北	承德盛丰钢铁有限公司	承德市	2	-
115	河北	石家庄钢铁有限责任公司	石家庄	2	8.1
116	河北	唐山不锈钢有限责任公司	唐山市	4	5.6
117	河北	承德宽城盛丰钢铁公司	承德市	1	-
118	山西	山西建邦集团铸造有限公司	运城市	2	-
119	吉林	吉林现代四平钢铁公司	四平市	2	5.6
120	山西	山西建邦集团铸造有限公司	运城市	1	-
121	山东	蒙阴中山矿业有限公司	临沂市	7	6
122	山西	陕西略钢钢铁有限公司	汉中市	3	5.6
123	山东	蒙阴中山矿业有限公司	临沂市	6	6
124	山西	首钢长治钢铁有限公司	长治市	6	5.6
125	山东	蒙阴中山矿业有限公司	临沂市	4	6
126	河北	秦皇岛安丰钢铁公司	秦皇岛市	1	5.8
127	广西	柳州钢铁股份有限公司	柳州市	4	11
128	山东	蒙阴中山矿业有限公司	临沂市	5	6
129	山西	山西安泰集团股份有限公司 物资分公司	晋中市	2	5.6
130	甘肃	金昌铁业（集团）有限责任公司	金昌市	3	5.6
131	山西	晋城福盛钢铁公司	晋城市	3	9
132	山东	蒙阴中山矿业有限公司	临沂市	8	5.8
133	山西	山西文水海威钢铁有限公司	吕梁市	9	9
134	山西	临沂京华矿业有限公司	临沂市	4	6
135	山西	临沂京华矿业有限公司	临沂市	3	6
136	江苏	连云港兴鑫公司	连云港市	1	6.1
137	山西	临沂京华矿业有限公司	临沂市	2	6
138	河北	唐山国丰钢铁有限公司	唐山市	1	5.6
139	山西	临沂京华矿业有限公司	临沂市	1	6
140	河北	唐山国丰钢铁有限公司	唐山市	3	5.6
141	河北	邢台钢铁有限责任公司	邢台市	3	-
142	四川	威远鹏威贸易有限公司	内江市	7	10
143	河北	秦皇岛安丰钢铁公司	秦皇岛市	2	5.6
144	新疆	新疆乌鲁木齐图屯河区新疆八一钢铁 公司	乌鲁木齐市	A	5.6
145	新疆	新兴铸管新疆公司	巴音郭楞蒙古自治州	1	8.4
146	江苏	盐城联鑫钢铁有限公司	盐城市	1	7
147	河北	唐山不锈钢有限责任公司	唐山市	2	5.6
148	河北	河北龙凤山铸业有限公司	邯郸市	1	6.6
149	山西	山西常平钢铁常荣有限公司	长治市	2	5.6
150	河北	唐山国丰钢铁有限公司	唐山市	1	6.6
151	广西	柳州钢铁股份有限公司	柳州市	6	9
152	山东	济钢球墨有限公司	济南市	1	-
153	山西	山西建邦集团铸造有限公司	临汾市	2	-
154	山西	陕西略阳钢铁有限责任公司	汉中市	1	5.6
155	山西	忻州华茂精密铸造有限公司	忻州市	1	5.6
156	河北	首钢迁安钢铁有限公司	迁安市	1	12
157	河北	邢台钢铁有限责任公司	邢台市	5	5.6
158	河北	唐山瑞丰钢铁（集团）粤丰钢铁公司	唐山市	1	5.6
159	河北	邢台钢铁有限责任公司	邢台市	1	-
160	广西	柳州钢铁股份有限公司	柳州市	5	9
161	云南	玉溪新兴钢铁公司	玉溪市	2	5.6

162	新疆	首钢伊犁钢铁有限公司	伊犁哈萨克自治州	2	-
163	江苏	江阴兴澄特钢有限公司	无锡市	1	12.6
164	江西	新余钢铁集团有限公司	新余市	7	8.2
165	河南	南阳汉冶特钢有限公司	南阳市	1	-
166	江苏	盐城联鑫有限公司	盐城市	1	6.4
167	江苏	丹阳龙江钢铁有限公司	镇江市	1	5.6
168	广西	广西贵港钢铁集团股份有限公司	贵港市	2	8.3
169	河北	河北安丰钢铁有限公司	唐山市	4	5.65
170	辽宁	凌源钢铁股份有限公司	凌源市	1	5.6
171	吉林	四平现代钢铁有限公司	四平市	2	5.6
172	河北	河北安丰钢铁有限公司	唐山市	1	5.6
173	山西	山西中升钢铁有限公司	临汾市	1	8.55
174	广西	柳州钢铁股份有限公司	柳州市	3	10.8
175	福建	福建三宝钢铁有限公司	漳州市	1	5.6
176	山西	山西高义钢铁有限公司	运城市	1	6
177	河北	唐山国丰钢铁有限公司	唐山市	4	5.6
178	河北	唐山国丰钢铁有限公司	唐山市	2	5.6
179	广西	柳州钢铁股份有限公司	柳州市	4	9.4
180	新疆	新疆阿勒泰金昊铁业有限公司	阿勒泰地区	2	-
181	天津	天津钢管制铁有限公司	东丽区	1	8.2
182	新疆	新疆阿勒泰金昊铁业有限公司	阿勒泰地区	1	-
183	新疆	新疆伊犁钢铁有限责任公司	伊犁哈萨克自治州	1	-
184	河北	唐山瑞丰钢铁（集团）粤丰钢铁公司	唐山市	1	5.6
185	新疆	新疆伊犁钢铁有限责任公司	伊犁哈萨克自治州	2	-
186	河北	石家庄钢铁有限责任公司	石家庄	2	8.2
187	广西	广西柳州钢铁（集团）公司	柳州市	5	9.5
188	河北	唐山国丰钢铁有限公司	唐山市	3	5.6
189	广西	广西柳州钢铁（集团）公司	柳州市	1A	9.5
190	江苏	常熟龙腾特种钢铁有限公司	常熟市	1	9
191	河北	河北安丰钢铁有限公司	秦皇岛市	2	5.6
192	山东	山东球墨铸铁管有限公司	济南市	2	-
193	山西	忻州华茂精密铸造有限公司	忻州市	2	5.6
194	四川	四川西昌攀钢有限公司	西昌	2	9.3
195	河北	邢台钢铁有限责任公司	邢台市	3	-
196	河北	邢台钢铁有限责任公司	邢台市	1	-
197	河北	承德盛丰钢铁有限公司	承德市	2	6.3
198	山西	山西通才工贸有限公司	临汾市	2	-
199	新疆	首钢伊犁钢铁有限公司	伊犁哈萨克自治州	1	-
200	湖南	湖南涟源钢铁有限公司	娄底市	7	12.6
201	河北	唐山文丰钢铁有限公司	唐山市	1	8.2
202	福建	福建鼎信镍业有限公司	宁德市	1	-
203	新疆	首钢伊犁钢铁有限公司	伊犁哈萨克自治州	2	-
204	河北	河北武安裕华有限责任公司	邯郸市	1	8.2
205	河北	河北武安裕华有限责任公司	邯郸市	5	8.2
206	辽宁	抚顺新钢铁有限责任公司	抚顺市	4	5.6
207	贵州	首钢水城钢铁（集团）有限责任公司	六盘水	3	9
208	四川	四川西昌攀钢有限公司	西昌市	1	10
209	江苏	江苏淮安钢铁有限公司	淮安市	6	-
210	江苏	连云港华乐合金有限公司	连云港市	1	5.6
211	河北	河北唐银钢铁有限公司	唐山市	3	8.2
212	辽宁	凌源钢铁集团有限公司	凌源市	1	-
213	河北	邢台钢铁有限责任公司	邢台市	5	5.6
214	新疆	新疆新兴铸管钢铁有限公司	巴音郭楞蒙古自治州	1	-
215	河北	秦皇岛佰工钢铁有限公司	秦皇岛市	1	6.25
216	河北	廊坊洸远金属制品有限公司	廊坊市	2	6.2
217	河北	唐山国丰钢铁有限公司	唐山市	3	5.6
218	河北	唐山国丰钢铁有限公司	唐山市	1	5.8
219	广西	广西贵港钢铁集团股份有限公司	贵港市	2	8.2
220	山西	山西高义钢铁有限公司	运城市	1	-

221	山西	山西建龙钢铁有限公司	临汾市	9	-
222	河北	承德盛丰钢铁有限公司	承德市	1	-
223	河北	河北金鼎钢铁有限公司	邯郸市	2	8.35
224	河北	河北金鼎钢铁有限公司	邯郸市	3	8.35
225	新疆	新疆伊犁钢铁有限公司	伊犁哈萨克自治州	2	-
226	江苏	江苏盐城联鑫钢铁有限公司	盐城市	1	5.95
227	内蒙古	包头吉宇钢铁有限公司	包头市	1	6.6
228	江苏	江苏盐城联鑫钢铁有限公司	盐城市	2	8.2
229	河北	唐山国丰钢铁有限公司	唐山市	1	5.6
230	山西	山西侯马邦合贸易有限公司	临汾市	1	-
231	河北	唐山文丰钢铁有限公司（二十二冶）	唐山市	1	7.8
232	吉林	吉林通化钢铁公司	通化	2	11
233	辽宁	鞍钢鲅鱼圈钢铁分公司	营口市	2	14.6
234	河北	唐山燊升宝利贸易有限公司	唐山市	1	-
235	河北	河北天柱钢铁集团有限公司	唐山市	2	5.6
236	河北	山东沂南壶井特钢有限公司	临沂市	1	-
237	江苏	江苏利淮钢铁有限公司	淮安市	3	5.6
238	山东	山东传洋集团有限公司	滨州市	2	5.6
239	山西	山西通才工贸有限公司	临汾市	3	10.2
240	宁夏	宁夏申银特钢股份有限公司	石嘴山市	1	8
241	山东	山东闽源钢铁有限公司	济南市	1	-
242	四川	攀钢集团攀钢钢钒有限公司	攀枝花市	3	11
243	河北	唐山国丰钢铁有限公司	唐山市	4	5.6
244	福建	福建罗源闽光钢铁有限公司	福州市	2	6.6
245	江苏	徐州铁矿钢铁有限公司	徐州市	1	5.55
246	辽宁	辽宁义县宏亿工贸有限公司	锦州市	1	-
247	山东	山东传洋钢铁有限公司	滨州市	3	5.6
248	江苏	江阴华西钢铁有限公司	无锡市	1	5.6
249	江苏	江苏常州东方特钢	常州市	2	5.6
250	山东	山东传洋钢铁有限公司	滨州市	1	-
251	河北	秦皇岛佰工钢铁有限公司	秦皇岛市	1	6.25
252	河北	承德宽城盛丰钢铁有限公司	承德市	2	-
253	山西	山西星源钢铁有限公司	临汾市	3	6
254	河北	唐山建龙特殊钢有限公司	唐山市	1	5.6
255	山西	首钢长治钢铁有限公司	长治市	9	8.2
256	辽宁	五矿营口中板有限责任公司	营口市	新1	11
257	山西	山西建龙钢铁有限公司	闻喜县	8	6
258	山西	山西铭福钢铁有限公司	运城市	2	-
259	河北	秦皇岛宏兴实业有限公司	秦皇岛市	1	-
260	山西	山西铭福钢铁有限公司	运城市	1	5.4
261	吉林	吉林恒联精密铸造科技有限公	吉林市	2	5.6
262	江苏	盐城市联鑫钢铁有限公司	盐城市	2	
263	辽宁	鞍山宝得钢铁有限公司	鞍山市	2	5.4
264	江苏	盐城市联鑫钢铁有限公司	盐城市	1	6.6
265	江苏	秦邮特殊钢铁有限公司	扬州市	2	5.6
266	河北	承德宽城盛丰钢铁公司	承德市	1	-
267	山西	河津市华鑫源钢铁有限责任公司	河津市	2	5.6
268	河北	河北天柱钢铁集团有限公司	唐山市	3	6.15
269	山西	山西高义钢铁有限公司	运城市	1	-
270	福建	福建青拓镍业（鼎信）有限公司	宁德市	2	3.25
271	四川	成渝钒钛科技有限公司	内江市	1	5.6
272	山东	山东传洋钢铁有限公司	滨州市	1	-
273	河北	秦皇岛佰工钢铁有限公司	秦皇岛市	1	6.25

274	广东	广东揭阳泰都钢铁公司	揭阳市	1	5.6
275	陕西	陕西略阳钢铁有限责任公司	汉中市	3	5.6
276	河南	河南安阳钢铁有限公司	安阳市	1	11.6
277	广西	广西贵港钢铁集团有限公司	贵港市	3	5.5
278	内蒙古	赤峰远联钢铁有限责任公司	赤峰市	1	ferences of
279	河北	唐山经安钢铁有限公司	唐山市	1	6.15
280	江苏	江苏利淮钢铁有限公司	淮安市	3、6	-
281	黑龙江	西林钢铁集团有限公司	伊春市	5	9.65
282	江苏	徐州宝丰钢铁公司	徐州市	1	5.6
283	贵州	首钢水城钢铁（集团）有限责任公司	六盘水	3	9.55
284	黑龙江	西林钢铁集团有限公司	伊春市	4	6.15
285	湖南	湖南涟源钢铁有限公司	娄底市	7	12.6
286	江苏	徐州泰发特钢科技有限公司	徐州市	1	5.6
287	江苏	扬州秦邮特钢有限公司	扬州市	1	8.2
288	河北	秦皇岛宏兴钢铁有限公司	秦皇岛市	5	5.6
289	云南	曲靖鑫创新材料有限公司	曲靖市	3	-
290	河北	秦皇岛宏兴钢铁有限公司	秦皇岛市	1	5.6
291	云南	云南玉溪仙福钢铁集团有限公司	玉溪市	1	5.6
292	贵州	首钢水城钢铁（集团）有限责任公司	六盘水	4	12.8
293	河北	唐山新兴隆钢铁有限公司	唐山市	1	5.6
294	安徽	圣戈班管道系统有限公司	马鞍山市	1	-
295	黑龙江	西林钢铁集团有限公司	伊春市	5	9
296	辽宁	辽宁本溪参铁（集团）有限公司	本溪市	1	3.9
297	江苏	江苏宏昌钢板有限公司	无锡市	1	15.5
298	河北	唐山东华钢铁有限公司	唐山市	3	8.36
299	山西	山西常平钢铁常荣有限公司	长治市	2	5.4
300	福建	福建青拓镍业有限公司	宁德市	1	-
301	河南	河南亚新钢铁集团有限公司	安阳市	3	5.8
302	山西	山西新泰钢铁有限公司	介休市	1	5.45
303	河北	唐山新兴隆钢铁有限公司	唐山市	1	5.6
304	山西	山西通才工贸有限公司	临汾市	1	5.2
305	广西	广西戎鑫达资源有限公司	钦州市	1	5.6
306	河北	承德盛丰钢铁有限公司	承德市	2	6.2
307	河南	南阳汉冶特钢有限公司	南阳市	2	5.6
308	河北	河北天柱钢铁集团有限公司	唐山市	2	5.6
309	河北	秦皇岛宏兴钢铁有限公司	秦皇岛市	5	5.6
310	河北	秦皇岛宏兴钢铁有限公司	秦皇岛市	7	8.24
311	河北	秦皇岛宏兴钢铁有限公司	秦皇岛市	4	5.6
312	河北	秦皇岛宏兴钢铁有限公司	秦皇岛市	6	5.6
313	山东	山东临沂三德特钢有限公司	临沂市	1	6
314	河北	唐山经安钢铁有限公司	唐山市	2	6.4
315	河北	唐山新兴隆钢铁有限公司	唐山市	2	3
316	云南	曲靖鑫创新材料有限公司	曲靖市	1	3.8
317	山西	山西通才工贸有限公司	临汾市	2	5.4
318	四川	攀钢集团西昌钢钒有限公司	西昌市	1	9.48
319	山东	山东传洋集团钢铁有限公司	淄博市	2	5.4
320	河北	唐山东华钢铁有限公司	唐山市	1	5.45
321	山西	山西高义钢铁有限公司	高义市	1	6.38
322	安徽	中冶华天工程技术有限公司	马鞍山市	2	
323	新疆	首钢伊犁钢铁有限公司	伊利市	2	5.3
324	江苏	江苏利淮钢铁有限公司	淮安市	4	5.4
325	江苏	江苏利淮钢铁有限公司	淮安市	5	5.4
326	河北	唐山文丰机械设备有限公司	唐山市	2	7.7
327	新疆	新疆伊犁钢铁有限公司	伊利市	1	
328	云南	云南玉溪仙福钢铁（集团）有限公司	玉溪市	3	6.3
329	浙江	衢州元立金属制品有限公司	衢州市	4	
330	河南	南阳汉冶特钢有限公司	南阳市	1	5
331	山西	山西新泰钢铁有限公司	介休市	4	7.62

332	山西	山西新泰钢铁有限公司	介休市	3	5.6
333	江苏	徐州逢欣智工贸有限公司	徐州市	2	6
334	湖南	衡阳华菱连轧管有限公司	衡阳市	1	7.48
335	黑龙江	东北特钢集团北满特殊钢有限责任公	齐齐哈尔市	2	5.4
336	山西	山西中升钢铁有限公司	临汾市	1	8.5
337	河北	唐山鑫晶特钢有限公司	唐山市	2	6.82
338	河北	首钢京唐联合钢铁有限公司	唐山市	2	15.5
339	江苏	徐州泰发特钢科技有限公司	徐州市	2	6.3
340	天津	天津钢管制铁有限公司	天津市		7.5
341	江苏	盐城联鑫钢铁公司	盐城市	3	6.5
342	山西	襄汾县新金山特钢有限公司	临汾市	2	5.65
343	云南	云南曲靖呈钢钢铁（集团）有限公司	曲靖市	3	6.4
344	四川	攀钢集团西昌钢钒有限公司	西昌市	2	11.7
345	江苏	盐城联鑫钢铁公司	盐城市	1	6.24
346	河北	秦皇岛宏兴钢铁有限公司	秦皇岛市	7	7.84
347	江苏	徐州东南钢铁工业有限公司	徐州市	2	5.68
348	山西	河津市华鑫源钢铁有限责任公司	河津市	2	6.3
349	辽宁	辽阳钢铁有限公司	辽阳市	4	5.6
350	贵州	首钢水城钢铁（集团）有限责任公司	六盘水市	3	8.9
351	贵州	首钢水城钢铁（集团）有限责任公司	六盘水市	4	10.95
352	山西	山西稷山铭福钢铁公司	运城市	1	6.00
353	湖南	湖南冷水江钢铁有限责任公司	冷水江市	1	7.20
354	山东	山东国铭球墨铸管科技有限公司	济南	2	5.00
355	河北	河北中冶润丰建设股份有限公司（天 津轧三炼铁厂）	天津市	1	7.86
356	河北	河北邢台钢铁有限责任公司	邢台市	3	5.60
357	山西	山西众泰冶炼实业有限公司	临汾市	1	5.20
358	四川	攀钢集团西昌钢钒有限公司	攀枝花市	3	10.70
359	河北	首钢迁安钢铁公司	迁安市	1	12.00
360	山西	山西新金山特钢有限公司	临汾市	1	6.00
361	山西	山西高义钢铁有限公司	运城市	1	5.90
362	河北	唐山东华钢铁集团有限公司	唐山市	1	6.10
363	河北	唐山东华钢铁集团有限公司	唐山市	2	6.10
364	山西	山西高义钢铁有限公司	运城市	4	7.60
365	山西	山西建龙钢铁有限公司	运城市	9	5.50
366	湖南	湖南涟源钢铁有限公司	涟源市	6	13.60
367	河北	廊坊洸远金属制品有限公司	廊坊市	3	6.90
368	黑龙江	西林钢铁集团有限公司	伊春市	5	8.20
369	辽宁	辽宁营口钢铁有限公司	营口市	2	8.60
370	河北	石家庄钢铁有限责任公司	石家庄市	1	5.60
371	江苏	盐城联鑫钢铁有限公司	盐城市	3	8.30
372	辽宁	鞍山量子公司宝得钢铁+B375公司	鞍山市		5.60
373	山东	临沂江腾商贸有限公司	临沂市		5.90
374	云南	云南德胜钢铁有限公司	楚雄市	2	5.60
375	江苏	徐州东南钢铁工业有限公司	徐州市	3	7.60
376	新疆	新疆伊犁钢铁有限责任公司	伊犁州	2	5.80
377	新疆	新疆伊犁钢铁有限责任公司	伊犁州	1	5.80
378	辽宁	辽宁辽阳钢铁有限公司	辽阳市	4	3.60
379	江苏	徐州彭钢钢铁控股集团有限公司	徐州市	1	6.00
380	云南	武钢集团昆明钢铁股份有限公司	昆明市	1	11.40
381	内蒙古	包头宝鑫特钢有限责任公司	包头市	1	6.00
382	河北	唐山鑫晶特钢有限公司	唐山市	2	6.80
383	新疆	新疆伊犁钢铁有限责任公司	伊犁州	1	5.80
384	河北	首钢股份公司迁安钢铁公司	迁安市	1	11.66
385	江苏	徐州彭钢钢铁控股集团有限公司	徐州市	2	6.40
386	江苏	盐城联鑫钢铁有线公司	盐城市	3	8.30
387	江苏	中新钢铁集团有限公司	徐州市	1	7.60
388	广东	高州创建铸造有限责任公司	高州市	1	4.00

389	重庆	成渝钒钛科技有限公司	重庆市	4	5.50
390	四川	四川德胜集团钒钛有限公司	乐山市	2	5.90
391	河北	秦皇岛宏兴钢铁有限公司	秦皇岛市	5	5.92
392	黑龙江	西林钢铁集团有限公司	伊春市		5.90
393	江苏	张家港宏昌钢板有限公司	苏州市	7	5.80
394	安徽	安徽旋力特殊钢有限公司	铜陵市	1	7.60
395	河北	石家庄钢铁有限责任公司	石家庄市	0	7.60
396	云南	云南玉溪仙福钢铁（集团）有限公司	玉溪市	1	5.50
397	河北	唐山新兴隆钢铁公司	唐山市	3	5.60
398	江苏	盐城联鑫钢铁有限公司	盐城市	1	6.20
399	青海	西宁特殊钢股份有限公司	西宁市	3	7.30
400	河北	首钢迁安钢铁公司	迁安市	2	11.66
401	吉林	吉林恒联精密铸造科技有限公司	吉林市	1	5.40

备注 1、截止到2018年09月21日，共计401座高炉。
2、其中容积为380立方36个、480立方147个、580立方49个、680立方44个、880.

高炉容积 (m ³)	检修日期	喷注材料量 (t)	冷却结构	
450	2010-10-18	167	冷却壁	北京-吕亚林
580	2010-12-2	114	冷却壁	北京-李立军
450	2010-12-23	33	冷却管	成都-曲芳
450	2011-1-12	55	冷却壁	北京-张国庆
450	2011-3-1	114	冷却壁	南京-裴玉峰
450	2011-3-10	143	冷却壁	南京-裴玉峰
450	2011-3-23	120	板壁结合	北京-李立军
380	2011-3-26	94	冷却壁	西安-李晓军
650	2011-5-9	75	冷却板	北京-刘国均
1260	2011-5-24	7	冷却壁	南京-
3200	2011-6-16	6	冷却壁	北京-王帅
3200	2011-6-24	35	冷却壁	北京-王帅
450	2011-7-9	206	板壁结合	北京-张国庆
580	2011-7-12	88	冷却壁	南京-裴玉峰
350	2011-7-15	132	冷却壁	北京-张国庆
580	2011-7-24	93	冷却壁	南京-裴玉峰
450	2011-7-25	202	冷却壁	西安-蒋金宏
3200	2011-8-18	6	冷却壁	北京-王帅
450	2011-8-19	129	冷却壁	北京-张洪洲
580	2011-9-20	150	冷却壁	北京-李立军
1380	2011-9-22	295	冷却壁	南京-周松
450	2011-10-15	150	冷却壁	北京-吕亚林
1080	2011-10-20	270	冷却壁	南京-周松
420	2011-10-23	200	板壁结合	北京-刘国均
800	2011-10-24	150	冷却壁	北京-吕亚林
450	2011-10-28	131	冷却壁	西安-蒋金宏
450	40844	175	冷却壁	西安-南晓明
630	2011-11-2	180	板壁结合	北京-刘国均
450	2011-11-3	190	冷却壁	西安-南晓明
450	2011-11-8	180	板壁结合	北京-刘国均
580	2011-11-12	182	冷却壁	西安-南晓明
380	2011-11-27	140	冷却壁	西安-蒋金宏
1380	2011-12-17	70	冷却壁	北京-李立军
450	2011-12-22	65	冷却壁	南京-裴玉峰
1380	2011-12-23	50	冷却板	北京-刘国均
450	2011-12-25	65	冷却壁	南京-裴玉峰
2500	2011-12-25	136	冷却壁	南京-王继权
700	2012-1-4	20	冷却壁	北京-张国庆
450	2012-1-7	40	冷却管	成都-彭波
850	2012-1-8	30	冷却壁	北京-张国庆
630	2012-1-11	180	冷却壁	南京-袁新军
850	2012-1-13	33	冷却壁	北京-张国庆
1280	2012-1-17	272	冷却壁	西安-蒋金宏
580	2012-2-3	150	冷却壁	北京-李立军
450	2012-3-11	120	板壁结合	北京-李立军
480	2012-3-28	110	板壁结合	北京-刘国均
1080	2012-3-31	60	冷却板	北京-张洪洲
350	2012-4-9	120	冷却壁	北京-吕亚林

350	2012-4-10	130	冷却壁	北京-洪宝林
350	2012-4-22	120	冷却壁	北京-吕亚林
1860	2012-5-7	70	冷却壁	北京-王帅
1860	2012-5-7	671	冷却壁	北京-王帅
450	2012-5-9	123	冷却壁	成都-黄志平
180	2012-7-12	55	板壁结合	西安-李晓军
630	2012-7-12	70	冷却板	北京-刘国均
530	2012-7-22	88	冷却壁	北京-李立军
580	2012-8-10	230	板壁结合	北京-吕亚林
450	2012-8-12	137	冷却壁	北京-王帅
450	2012-8-16	100	冷却壁	南京-王继权
450	2012-8-16	26	冷却壁	西安-王磊
1080	2012-8-17	210	冷却壁	北京-李立军
150	2012-8-21	35	冷却壁	成都-彭波
410	2012-9-2	140	冷却壁	北京-王帅
1080	2012-9-9	180	冷却壁	北京-李立军
450	2012-9-12	133	冷却壁	北京-王金龙
2500	2012-10-1	120	冷却壁	南京-王继权
450	2012-10-10	35	冷却板	北京-刘国均
450	2012-10-12	35	冷却板	北京-刘国均
2500	2012-10-24	141	冷却壁	南京-王继权
1080	2012-11-25	200	冷却壁	南京-刘奇
588	2012-12-9	295	板壁结合	北京-刘国均
450	2012-12-18	168	冷却壁	西安-蒋金宏
530	2013-1-2	18	冷却壁	北京-李立军
1800	2013-1-15	385	冷却壁	南京-徐浩然
350	2013-1-20	130	冷却壁+锚固件	北京-吕亚林
450	2013-2-2	245	冷却壁	西安-李晓军
1750	2013-2-2	180	冷却壁	南京-张胜
1380	2013-2-5	320	冷却壁	南京-周松
410	2013-2-27	170	冷却壁	北京-王帅
600	2013-3-1	管道248.54吨		北京-吕亚林
2500	2013-3-5	162	冷却壁	北京-吕亚林
1080	2013-3-13	281	冷却壁	南京-周松
480	2013-3-27	235	板壁结合	西安-蒋金宏
480	2013-3-27	50	板壁结合	西安-蒋金宏
450	2013-4-12	155	冷却壁	南京-刘奇
600	2013-4-16	烟道74.1吨		北京-吕亚林
450	2013-5-3	201	板壁结合	北京-张国庆
630	2013-5-7	70	冷却板	北京-刘国均
850	2013-5-7	220	冷却壁	北京-张国庆
380	2013-5-12	140	冷却壁	西安-张国栋
1010	2013-5-19	240	冷却壁	北京-彭建国
1260	2013-5-20	80	冷却壁	北京-吕亚林
1260	2013-5-23	60	冷却壁	北京-吕亚林
700	2013-5-29	185	冷却壁	北京-张国庆
320	2013-6-1	150	板壁结合	北京-刘国均
1080	2013-6-4	300	板壁结合	北京-刘国均
450	2013-6-16	180	板壁结合	北京-洪宝林
311	2013-6-27	91	冷却壁	西安-缙云峰
350	2013-7-1	128	冷却壁	北京-吕亚林
450	2013-7-19	101	板壁结合	北京-刘国均
1280	2013-7-25	298	冷却壁	西安-蒋金宏
450	2013-8-23	39	冷却壁	北京-刘国均
420	2013-8-25	85	冷却壁	南京-曲芳
1750	2013-9-16	40	炼铁厂竖炉中修	成都-沈太祥
2680	2013-9-20	940	-	北京-吕亚林
450	2013-9-29	215	板壁结合	北京-王帅
750	2013-10-6	225.44	冷却壁	南京-周松
450	2013-10-7	50	板壁结合	北京-张国庆

1500	2013-10-11	231	冷却壁	南京-陈加伟
2300	2013-10-23	283	冷却壁	北京-张洪洲
450	2013-11-28	15	冷却壁	北京-刘国均
1800	2013-12-8	200	冷却壁	西安-蒋金宏
450	2013-12-27	277	水冷模块	北京-王帅
2500	2014-1-1	142	冷却壁	北京-吕亚林
630	2014-1-4	70	冷却壁	北京-刘国均
1080	2014-1-11	111	冷却壁	北京-张洪洲
450	2014-1-25	60	板壁结合	北京-张国庆
630	2014-2-11	41	冷却壁	北京-刘国均
410	2014-2-16	70		北京-王帅
450	2014-2-18	210	水冷管	北京-王帅
150	2014-2-25	42	冷却壁	北京-王帅
500	2014-3-1	124	石灰窑	北京-李立军
450	2014-3-5	186	板壁结合	西安-李晓军
500	2014-3-6	138	石灰窑	北京-李立军
450	2014-3-8	102	冷却棒	北京-王帅
500	2014-3-9	75	石灰窑	北京-李立军
480	2014-3-11	73	板壁结合	北京-刘国均
2000	2014-3-19	485	冷却壁/板壁结合	成都-陈加伟
500	2014-3-19	97	石灰窑	北京-李立军
450	2014-3-21	137	冷却壁	南京-周松
450	2014-3-22	140		西安-李晓军
1380	2014-3-27	170	板壁结合	北京-刘国均
500	2014-3-27	128	石灰窑	北京-李立军
1380	2014-4-4	80		西安-张志刚
500	2014-4-5	139	石灰窑	北京-李立军
500	2014-4-9	62	石灰窑	北京-李立军
500	2014-4-10	285	板壁结合	北京-刘国均
500	2014-4-17	230	石灰窑	北京-李立军
450	2014-4-27	340	板壁结合	北京-张国庆
500	2014-4-29	143	石灰窑	北京-李立军
450	2014-5-21	8	板壁结合	北京-张国庆
420	2014-5-23	120	冷却壁	北京-洪宝林
1750	2014-6-4	100	冷却壁	成都-沈太祥
450	2014-6-15	35	板壁结合	北京-刘国均
450	2014-6-15	182	板壁结合	西安-张国栋
1260	2014-6-25	216	板壁结合	北京-刘国均
660	2014-7-23	120	无冷却壁	南京-裴玉峰
450	2014-8-5	200	板壁结合	北京-张国庆
600	2014-8-12	215	板壁结合	北京-吕亚林
450	2014-8-19	130	板壁结合	北京-王帅
600	2014-8-22	200	水冷模块	北京-张国庆
1500	2014-9-22	55	无冷却	成都-陈加伟
350	2014-10-18	150	冷却壁	南京-周国村
380	2014-10-27	60	水冷模块	北京-王帅
450	2014-10-30	130	板壁结合	西安-李晓军
450	2014-11-1	81	水冷模块	北京-王帅
2650	2014-11-4	50	冷却壁	北京-李立军
450	2014-11-7	60	冷却壁	北京-洪宝林
450	2014-11-10	21	板壁结合	北京-刘国均
420	2014-11-16	40	冷却壁	北京-洪宝林
1500	2014-11-18	65	全冷却	成都-陈加伟
450	2014-11-19	109	全冷却	成都-巩龙

400	2014-11-24	160	水冷模块	西安-张国栋
3200	2014-12-19	43		南京-裴雨锋
1080	2015-1-15	200	冷却壁	南京-刘奇
380	2015-1-31	110	板壁结合	南京-姚金星
630	2015-2-3	195	板壁结合	南京-裴雨锋
450	2015-2-24	28	冷却壁	南京-裴玉峰
1080	2015-3-4	75	全冷却	成都-陈加伟
480	2015-3-19	160	板壁结合	北京-刘国均
450	2015-3-21	145	板壁结合	北京-刘国均
450	2015-3-24	220	板壁结合	北京-王帅
450	2015-3-27	49	板壁结合	北京-刘国均
1300	2015-3-30	290	全冷却	北京-刘国均
2000	2015-3-31	485	板壁结合	成都-陈加伟
450	2015-3-31	110	冷却壁	南京-裴玉峰
580	2015-4-14	50	无冷区	北京-刘国均
450	2015-4-15	24	板壁结合	北京-张国庆
450	2015-4-17	30	板壁结合	北京-张国庆
1500	2015-4-19	485	冷却壁	成都-陈加伟
530	2015-5-3	100	全冷却	西安-张国栋
1080	2015-5-5	105	冷却壁	北京-李立军
530	2015-5-8	100	全冷却	西安-张国栋
530	2015-5-8	125	全冷却	西安-张国栋
450	2015-5-25	15	板壁结合	北京-刘国均
530	2015-5-30	210	全冷却	西安-张国栋
1080	2015-6-3	206	冷却壁	北京-张洪洲
1500	2015-6-9	312	冷却壁	成都-陈加伟
450	2015-6-29	15	无冷却	北京-张国庆
1500	2015-7-12	165	冷却壁	成都-陈加伟
1250	2015-7-25	240	冷却壁	南京-裴玉峰
450	2015-8-9	80	无冷区	北京-刘国均
420	2015-8-14	120	冷却壁	南京-周国材
450	2015-8-16	200	板壁结合	北京-王帅
1350	2015-8-17	187	冷却壁	成都-李小平
420	2015-8-28	60	板壁结合	北京-洪宝林
420	2015-8-28	100	板壁结合	北京-洪宝林
630	2015-9-4	150	板壁结合	北京-刘国均
410	2015-10-1	100	板壁结合	北京-王帅
380	2015-10-9	37	无冷区	西安-张国栋
3200	2015-10-18	30	-	南京-刘奇
1080	2015-10-31	200	冷却壁	北京-洪宝林
230	2015-11-4	130	板壁结合	南京-徐浩然
380	2015-11-22	200	板壁结合	西安-张国栋
1080	2015-12-3	21	板壁结合	北京-吕亚林
1080	2015-12-3	310	板壁结合	北京-吕亚林
450	2015-12-21	180	水冷模块	北京-晁宝友
1350	2016-1-10	183	冷却壁	成都-巩龙
1750	2016-1-12	195	薄壁炉衬	成都-李小平
580	2016-2-2	40	冷却壁	南京-周松
450	2016-2-14	150	冷却壁	北京-刘国均
1080	2016-2-19	210	冷却壁	北京-刘国均
530	2016-2-20	140	板壁结合	北京-刘国均
450	2016-2-21	100	冷却壁	北京-洪宝林
1260	2016-2-29	100	冷却壁	北京-刘国均
600	2016-2-29	200	冷却壁	北京-李立军
630	2016-3-1	245	板壁结合	南京-周松
450	2016-3-12	15	-	北京-张国庆
500	2016-3-14	128	冷却壁	北京-张国庆
1080	2016-3-15	95	冷却壁	成都-陈加伟
630	2016-3-18	100	板壁结合	北京-刘国均

630	2016-3-23	168	冷却壁	南京-周松
630	2016-3-28	70	冷却壁	北京-刘国均
1080	2016-4-5	257	冷却壁+支梁水箱	北京-李立军
1080	2016-4-8	30	冷却壁	北京-李立军
530	2016-4-12	90	冷却壁	西安-张国栋
630	2016-4-20	25	板壁结合	南京-裴雨峰
660	2016-4-15	200	冷却壁	北京-王帅
1080	2016-4-15	215	冷却壁	南京-裴雨峰
450	2016-4-25	120	板壁结合	北京-张国庆
430	2016-4-26	50	冷却壁	西安-南晓明
850	2016-4-30	260	冷却壁	北京-洪宝林
2680	2016-5-2	200	冷却壁	北京-吕亚林
4038	2016-5-6	200	冷却壁	北京-李立军
600	2016-5-9	212	水冷模块+冷却壁	北京-张国庆
450	2016-6-8	37	无冷区	北京-刘国均
500	2016-6-14	195	冷却壁	北京-洪宝林
450	2016-6-15	30	无冷区	南京-周松
450	2016-7-6	110	冷却壁	北京-吕亚林
1860	2016-7-24	150	冷却壁	北京-王帅
1180	2016-7-25	218	板壁结合+冷却板	北京-王帅
550	2016-7-30	45	无冷区	北京-李立军
2000	2016-8-5	175	板壁结合	成都-李小平
450	2016-8-6	106	冷却壁	北京-张国庆
660	2016-8-10	210	冷却板	南京-徐浩然
450	2016-8-25	122	板壁结合	北京-刘国均
300	2016-8-29	68	冷却壁	北京-刘国均
450	2016-8-29	141	冷却壁	北京-吕亚林
450	2016-9-3	100	板壁结合	南京-裴玉峰
450	2016-9-6	151	冷却壁	南京-裴玉峰
380	2016-9-7	9	无	北京-吕亚林
600	2016-9-15	30	无	北京-李立军
630	2016-10-12	55	板壁结合	北京-刘国均
550	2016-10-15	70	板壁结合	西安-张志刚
450	2016-10-28	36		北京-张国庆
1080	2016-11-2	70		北京-王帅
2350	2016-11-3	238	冷却壁	北京-吕亚林
630	2016-11-10	162	冷却壁	南京-周松
420	2016-11-22	98	板壁结合	北京-刘国均
450	2016-11-25	30		北京-刘国均
420	2016-11-29	112	板壁结合	北京-刘国均
450	2016-12-8	125	板壁结合	北京-咎宝友
1280	2016-12-12	220	冷却壁	南京-裴雨峰
450	2016-12-12	50		北京-李立军
660	2016-12-13	240	冷却壁	南京-裴雨峰
450	2016-12-21	50		南京-裴玉峰
630	2016-12-27	75		北京-刘国均
450	2016-12-28	160	冷却壁	西安-蒋金宏
580	2016-12-31	154	冷却壁	北京-刘国均
630	2017-1-3	105		北京-刘国均
230	2017-1-6	105	冷却壁	南京-徐浩然
450	2017-1-10	103	冷却壁	成都-李小平
380	2017-1-15	72	冷却壁	北京-吕亚林
600	2017-2-21	120	冷却壁	北京-李立军

450	2017-2-9	8	冷却壁	北京-李立军
450	2017-2-26	25	冷却壁	西安-李晓军
2200	2017-2-28	360		成都-洪宝林
530	2017-3-13	134	板壁结合	成都-陈加伟
450	2017-3-18	6		北京-张国庆
650	2017-3-25	74		北京-张国庆
580	2017-3-26	170	冷却壁	南京-周松
1260	2017-3-26	65	冷却壁	北京-吕亚林
450	2017-3-27	275	冷却壁	南京-裴雨峰
1350	2017-3-31	140	冷却壁	成都-巩龙
580	2017-4-3	232	冷却壁	北京-吕亚林
3200	2017-4-4	327	冷却壁	南京-刘奇
450	2017-4-5	40		南京-裴雨峰
1080	2017-4-8	71	冷却壁	南京-裴雨峰
450	2017-4-12	30		北京-刘国均
600	2017-4-13	195	冷却壁	成都-巩龙
450	2017-4-17	40		北京-刘国均
450	2017-4-24	157	板壁结合	成都-巩龙
2580	2017-4-25	215	冷却壁	成都-巩龙
450	2017-5-13	50		北京-刘国均
260	2017-5-17	30	冷却壁	南京-周松
1260	2017-5-20	252	冷却壁	北京-吕亚林
191	2017-5-24	80	冷却壁	北京-张国庆
5800	2017-5-25	425	冷却壁	南京-王继权
1580	2017-5-30	210	冷却壁	北京-王帅
450	2017-6-2	130	板壁结合	北京-王帅
230	2017-6-4	170	冷却壁	南京-徐浩然
450	2017-6-12	15	无	北京-刘国均
450	2017-6-25	128	炉身中、下部	南京-周松
450	2017-7-1	95	全内衬	北京-刘国均
380	2017-7-2	33		北京-王帅
450	2017-7-10	50		成都-陈加伟
630	2017-7-11	100		北京-刘国均
450	2017-7-12	80	风口以上无冷区下注	西安-姚金星
450	2017-7-16	20	无冷区	北京-刘国均
450	2017-7-16	25	无冷区	北京-刘国均
1080	2017-7-17	23	无冷区	北京-刘国均
450	2017-7-19	27	无冷区	北京-刘国均
450	2017-7-21	7	无冷区	北京-刘国均
500	2017-7-23	180	全内衬	北京-洪宝林
630	2017-7-29	10		北京-张国庆
86	2017-7-31	107	全内衬、热风炉	北京-刘国均
188	2017-8-1	25	全内衬	成都-巩龙
450	2017-8-12	24		北京-王帅
1750	2017-8-25	200	全内衬	成都-李小平
450	2017-8-31	29		北京-吕亚林
450	2017-9-10	53	高炉上部	北京-王帅
630	2017-9-12	5	无冷区	北京-刘国均
2500	2017-9-15	266	炉身上部与下部	南京-王迎春
450	2017-9-17	85	高炉炉体	西安-张国冬
450	2017-9-18	27	全内衬	南京-周松
450	2017-9-19	75	全内衬	南京-周松
1080	2017-9-22	305	全内衬	北京-洪宝林
550	2017-9-25	66	炉体	西安-张国冬
630	2017-9-26	191	全内衬	成都-巩龙
580	2017-9-30	193	上至炉喉钢砖以下	南京-裴雨峰
380	2017-10-6	107	全内衬	西安-姚金星
1080	2017-10-17	68	无冷区	南京-周松

450	2017-10-24	63	无冷区	南京-周松
630	2017-10-25	280	全内衬	南京-裴雨峰
1080	2017-10-27	192	全内衬	南京-王殿龙
450	2017-10-30	181	全内村	北京-吕亚林
1300	2017-11-15	249	全内村	北京-刘国均
750	2017-11-23	200	全内村	北京-刘国均
5500	2017-11-27	570	全内村	北京-李立军
580	2017-11-28	150	全内村	南京-裴雨峰
1000	2017-12-12	195	全内村	北京-李立军
1080	2017-12-22	228	全内村	南京-裴雨峰
550	2017-12-25	210	全内村	北京-王帅
630	2017-12-28	173	全内村	成都-陈加伟
1750	2017-12-29	205	全内村	成都-李小平
630	2018-1-3	8	全炉衬	南京-裴雨峰
1080	2018-1-13	30	降半线	北京-刘国均
500	2018-1-14	163	全内村、上升管	北京-刘国均
450	2018-1-16	210	全内村	西安-蒋金宏
450	2018-1-18	140	全内村	北京-吕亚林
1350	2018-1-19	11	炉顶风罩	成都-巩龙
2500	2018-1-29	367	全内村	成都-巩龙
450	2018-1-30	133	全内村	北京-刘国均
600	2018-2-4	75	高炉上部	西安-蒋金宏
350	2018-2-8	20	高炉上部	南京-周国村
1260	2018-2-10	150	全内村	北京-岳志愿
450	2018-2-11	70	全内村	北京-洪宝林
380	2018-2-19	155	全内衬、炉顶风罩	北京-王帅
1750	2018-2-25	228	全内村	成都-李小平
2650	2018-2-28	270	全内村	北京-李立军
450	2018-3-10	130	高炉上部	北京-王帅
680	2018-3-11	48	全内衬	北京-刘国均
450	2018-3-13	170	全内衬	北京-王帅
450	2018-3-16	170	全内衬	北京-王帅
1080	2018-3-26	180	全内衬	北京-刘国均
630	2018-3-27	129	全内衬	南京-周松
2200	2018-3-28	275	全内衬	南京-王殿龙
808	2018-4-8	220	全内衬	南京-周松
1260	2018-4-10	50	全内衬	北京-吕亚林
1380	2018-4-10	195	全内衬	北京-刘国均
450	2018-4-15	50		北京-吕亚林
1280	2018-4-18	247	全内衬	南京-裴雨峰
450	2018-4-21	173		北京-李立军
580	2018-4-22	13	全内衬	北京-吕亚林
450	2018-4-25	175		成都-陈加伟
1080	2018-4-25	235		北京-刘国均
530	2018-5-1	160	炉腰以上	西安-张国冬
530	2018-5-5	130	炉腰以上	西安-张国冬
280	2018-5-8	115	全内衬	北京-吕亚林
550	2018-5-15	111		南京-裴雨峰
2500	2018-5-21	322	风罩、全内村	成都-巩龙
480	2018-5-24	170	全内衬	西安-卜祝军
750	2018-5-25	50	炉喉缸砖下沿返10米	北京-刘国均
530	2018-6-10	80	炉腰以上	西安-张国冬
2650	2018-6-13	98	炉腹及炉身区域	北京-李立军
650	2018-6-15	130	全内衬	南京-裴雨峰
1280	2018-6-20	57	炉内	南京-裴雨峰
1080	2018-6-21	200	高炉、炉头	北京-刘国均
175	2018-6-25	51	炉内	西安-李晓军

450	2018-6-29	98	全内衬	成都-李小平
450	2018-6-30	150	全内衬	成都-李小平
580	2018-7-3	12	降半线喷注	北京-刘国钧
580	2018-7-3	225.8	全内衬	北京-吕亚林
500	2018-7-13	64	全内衬	南京-王继权
1080	2018-7-23	100.0	全内衬	南京-裴雨锋
1080	2018-8-8	145.0	全内衬	北京-吕亚林
450	2018-8-10	142.0	全内衬	成都-巩龙
450	2018-8-12	150.0	全内衬	北京-刘国均
660	2018-8-20	125.0	全内衬	南京-裴雨峰
1080	2018-8-30	130.0	炉腹炉身及炉身上部	西安-朱力舟
2650	2018-9-5	310.0	全内衬	北京-李立军
450	2018-9-23	150.0	候钢砖下沿到风口以	南京-周国村

立方11个、1080立方36个、1380立方29个、1880立方18个、2680立方22个、3200