

Records of heat treatment and metallographic test report

Furnace No.: No. 67

Material: ZGMn18Cr2

Drawing No.: N55208281Concave

Casting No.: 443. 93

N55209254Concave





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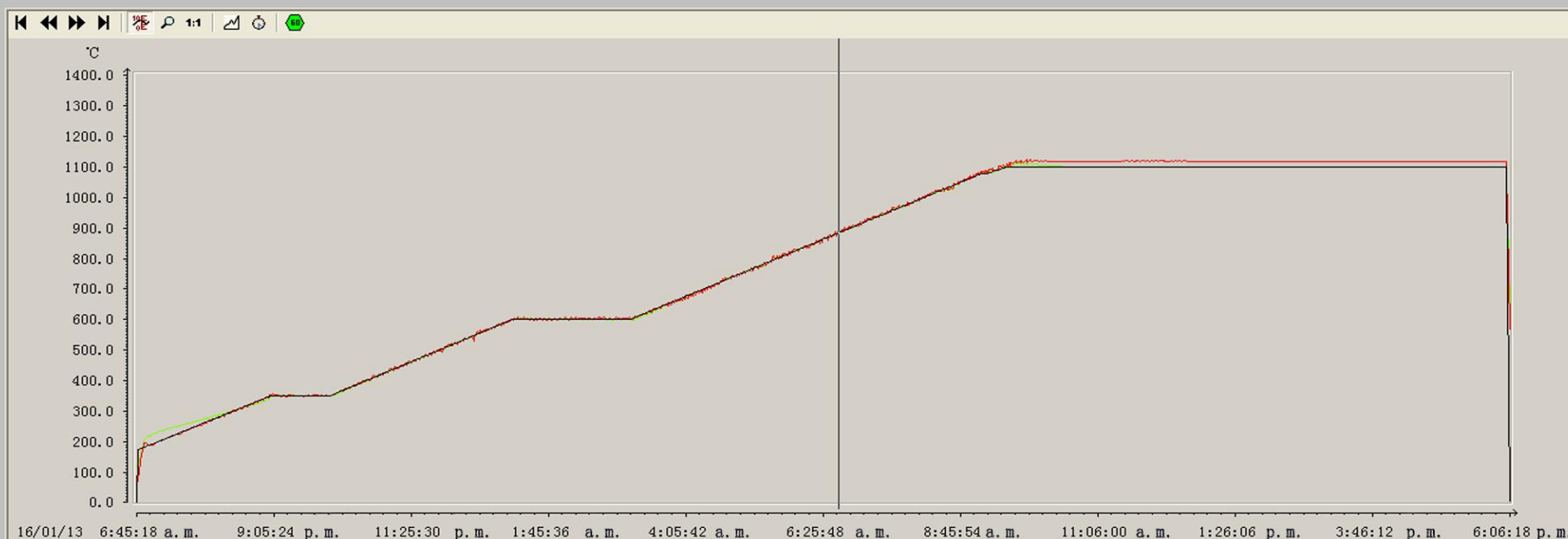
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1# 2#

01-15-2016

09:32:54

Temperature history trend of furnace No.1



Trend prospect J3_IT_TEMPSP_1

Trend	Variable connection	Value	Date/Time
Setting temperature control curve	6\J3_IT_TEMPSP_1	884.01	16/01/14 6:41:41.203 a.m.
Temperature t1	6\J3_IT_TEMPPV_1	881.35	16/01/14 6:41:41.203 a.m.
Temperature t2	6\J3_IT_TEMPPV_1	878.95	16/01/14 6:41:41.203 a.m.

083	2016/01/15	09:28:12	Furnace No. 2 Burner No. 3 flameout
084	2016/01/15	09:32:21	Furnace No. 2 Burner No. 4 flameout

Plan	Temperature bar diagram	Temperature history trends	Pressure history trends	Real-time report	Alarm record	Parameter setting
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Ctrl+Z Log in/log off	F10 1# Fault silence	Sh+F1 Furnace No. 1	Sh+F2 Furnace No. 2	Sh+F9 Total alarm information	Ct+Al+F12 Log out
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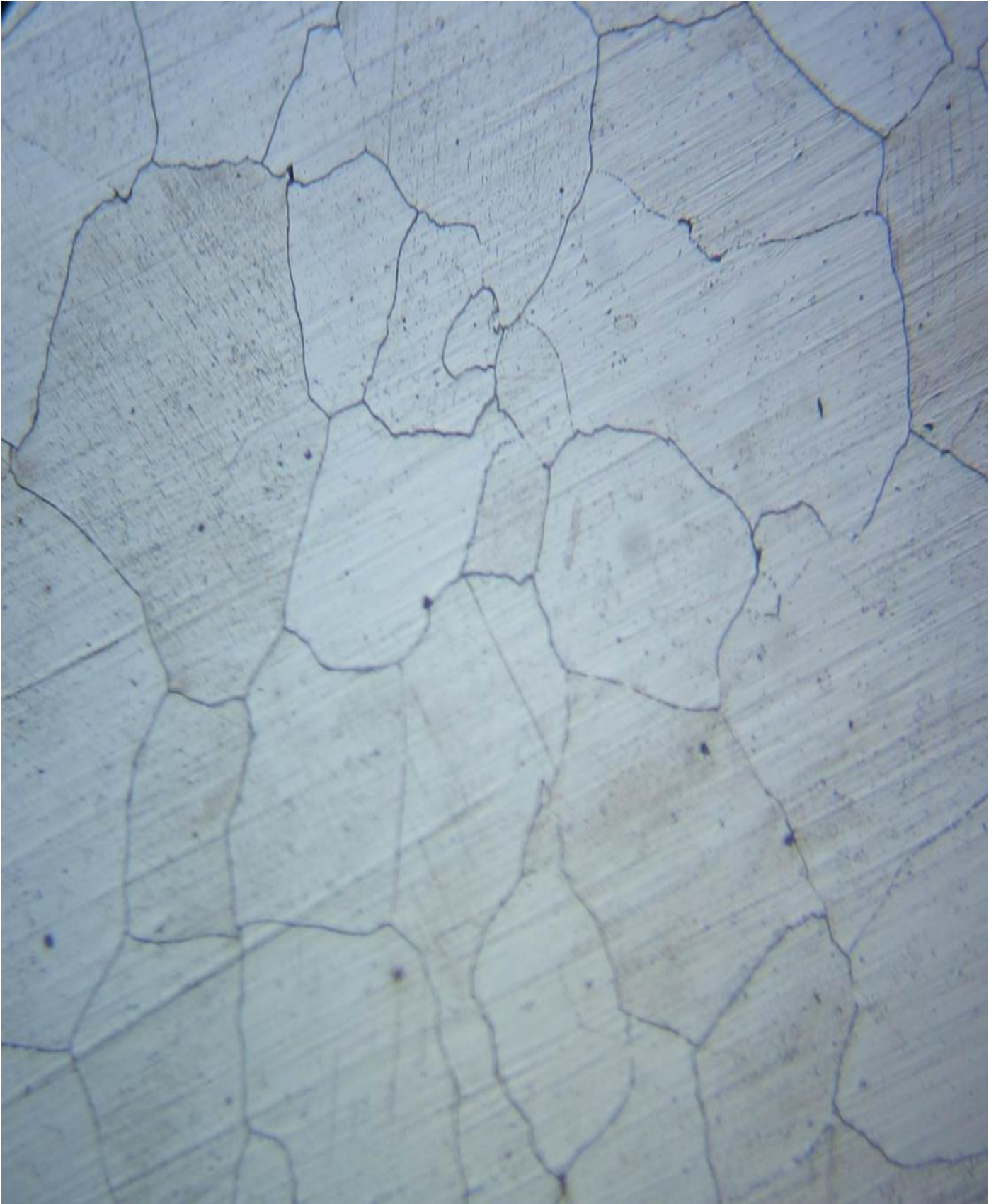


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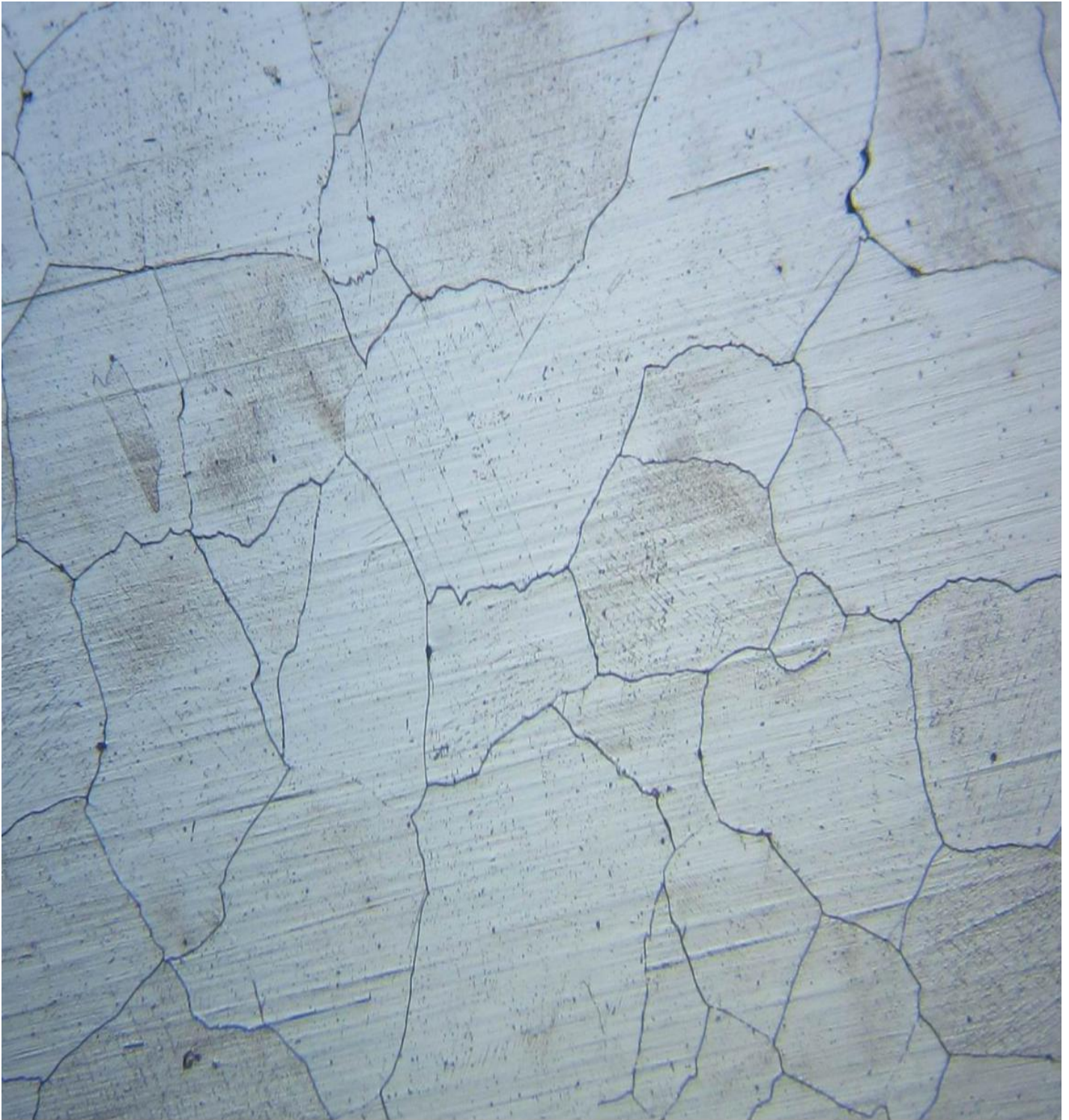


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Date:

2016/1/17

Name of Inspector:

Linjing TAO

Signature:



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Chemical composition Report

Furnace No. : 18.22.23.30.33.38.49.54.

Material: ZGMn18Cr2

Time: 2017.6.3

Drawing No.: N11951716 Concave

Furnace No.	C	Mn	Si	Cr	Mo	P	S
SD7117	1.24	18.58	0.41	2.16	0.01	0.034	0.005

Drawing No.: N11951712 Mantel

Furnace No.	C	Mn	Si	Cr	Mo	P	S
SD7112	1.26	18.41	0.44	2.14	0.01	0.032	0.005

Drawing No.: 442.7989-02 Mantel

Furnace No.	C	Mn	Si	Cr	Mo	P	S
SD7139	1.24	18.77	0.49	2.05	0.01	0.030	0.004
SD7179	1.30	18.39	0.40	2.08	0.01	0.033	0.004
SD7222	1.30	18.23	0.48	2.05	0.02	0.034	0.007

Drawing No.:442.7988-01 Mantel

Furnace No.	C	Mn	Si	Cr	Mo	P	S
SD7147	1.24	18.69	0.44	2.11	0.01	0.029	0.004



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Drawing No.: 442.8246-01 Concave

Furnace No.	C	Mn	Si	Cr	Mo	P	S
SD7147	1.24	18.69	0.44	2.11	0.01	0.029	0.004
SD7179	1.30	18.39	0.40	2.08	0.01	0.033	0.004

Drawing No.:442.8249-01 Concave

Furnace No.	C	Mn	Si	Cr	Mo	P	S
SD7183	1.30	18.48	0.44	2.05	0.03	0.033	0.006
SD7187	1.28	18.46	0.45	1.95	0.01	0.036	0.006

Drawing No.: N55209252 Concave

Furnace No.	C	Mn	Si	Cr	Mo	P	S
SD7117	1.24	18.58	0.41	2.16	0.01	0.034	0.005
SD7110	1.30	18.79	0.42	2.18	0.01	0.029	0.005

Drawing No.:442.7230-01 Mantel

Furnace No.	C	Mn	Si	Cr	Mo	P	S
SD6661	1.28	18.23	0.43	2.23	0.01	0.039	0.006
SD7126	1.26	18.59	0.44	2.07	0.01	0.033	0.005
SD7131	1.28	18.43	0.40	2.03	0.02	0.033	0.008
SD7139	1.24	18.77	0.49	2.05	0.01	0.030	0.004



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Drawing No.: 442.8418-01Concave

Furnace No.	C	Mn	Si	Cr	Mo	P	S
SD7112	1.26	18.41	0.44	2.14	0.01	0.032	0.005
SD7122	1.29	18.46	0.43	2.34	0.01	0.034	0.008

Inspected by:

Approved by:

Qingmei DAI

On behalf of Willing (shanghai) industrial Co., Ltd.