TEST REPORT

CUSTOMER NAME: LORK GROUP CO., LTD

ADDRESS: [redacted]

Sample Name	:	NC20T ALLOY SHEET
Product Specification	:	1.1MM*200MM*300MM
Product or Lot No.	:	LK20260120
Manufacturer	:	LORK GROUP CO., LTD
Buyer	:	[redacted]
Material and Mark	:	NC20T
Heat No.	:	LK260122

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

****

Test Required	:	Chemical Composition Analysis，Vickers Hardness Test,Tensile Test
Sample Source	:	Customer-delivered
Date of Receipt	:	2026-06-08
Testing Period	:	2026-06-08 ~ 2026-06-24
Test result(s)	:	For further details, please refer to the following page(s) (Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd.

Forest Yang

Forest Yang Authorized signatory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention:To check the authenticity of testing / inspection report & certificate, please contact us at telephone:(86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No. 12, Kechuang 13th Street, BDA Area, Beijing, China 100176 t (86-10) 5825 1216 f (86-10) 5825 1198 www.sgsgroup.com.cn
中国·北京·经济技术开发区科创十三街12号院 邮编:100176 t (86-10) 5825 1216 f (86-10) 5825 1198 e sgs.china@sgs.com

1. Chemical Composition Analysis

Element	Test Method	Result 001 (%)	Req. (%)	Con.
C	ASTM E1019-24	0.020	0.080~0.150	Pass
S	ASTM E1019-24	0.001	< 0.015	Pass
Si	ASTM E2594-20	0.63	≤1.00	Pass
Mn	ASTM E2594-20	0.52	≤1.00	Pass
P	ASTM E2594-20	0.005	< 0.015	Pass
Cr	ASTM E2594-20	20.48	18.00~21.00	Pass
Cu	ASTM E2594-20	0.07	≤0.50	Pass
Co	ASTM E2594-20	0.03	≤5.00	Pass
Fe	ASTM E2594-20	3.06	≤5.00	Pass
Pb	ASTM E2594-20	<0.01	< 0.020	Pass
Ti	ASTM E2594-20	0.55	0.20~0.60	Pass
Ni	-	Rem.	Rem.	/

Note: 1. Test project was carried out by other laboratory in SGS group.

2. The requirement is specified in customer information.

2. Vickers Hardness Test

Test Method:GB/T 4340.1-2024

Test item	Sample	Test position	Result			Req.	Con.
HV10	001	Surface	179	175	182	≤236	Pass

Note: 1. The requirement is specified in customer information.

2. It is requested that HV be derived using interpolation based on the conversion table in TABLE F.1 of GB/T 33362-2016, and the results are for reference only.

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention:To check the authenticity of testing / inspection report & certificate, please contact us at telephone:(86-755) 8307 1443, or email: CN.Doccheck@sgs.com

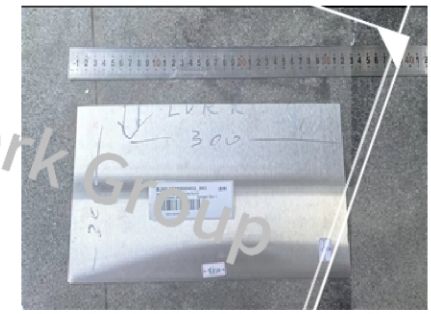
No. 12, Kechuang 13th Street, BDA Area, Beijing, China 100176 t (86-10) 5825 1216 f (86-10) 5825 1198 www.sgsgroup.com.cn
中国·北京·经济技术开发区科创十三街12号院 邮编:100176 t (86-10) 5825 1216 f (86-10) 5825 1198 e sgs.china@sgs.com

3. Tensile Test

Test Method:ASTM A370-24a

Test item	Specimen type	Tensile strength (Mpa)	Yield strength (0.2% offset) (Mpa)	Elongation after fracture G=50mm (%)	Con.
Req.	-	≥640	≥240	≥30	-
001	Rectangular specimen	640	319	51	Pass

Note: The requirement is specified in customer information



Sample Photo

The test report shall only be used for clients' scientific research, teaching, internal quality control, product research and development, etc… and just for internal reference.

Unless otherwise stated, this report provides a declaration of conformity according to whether the test results are within the specified limits or specifications without considering the measurement uncertainty.

********End of report********

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone:(86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Materials Laboratory
No. 12, Kechuang 13th Street, BDA Area, Beijing, China 100176 t (86-10) 5825 1216 f (86-10) 5825 1198 www.sgsgroup.com.cn
中国·北京·经济技术开发区科创十三街12号院 邮编:100176 t (86-10) 5825 1216 f (86-10) 5825 1198 e sgs.china@sgs.com

Member of the SGS Group (SGS SA)