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(a joint stock company incorporated in the People's Republic of China with limited liability)

(Stock Code: 0347)

# CONNECTED TRANSACTION 2021 TECHNOLOGY DEVELOPMENT AGREEMENTS

# BACKGROUND

On 10 August 2021, the Company entered into the 2021 Technology Development Agreements with Angang Beijing Research Institute to cooperate in the research and development of certain technologies for the Company.

## IMPLICATIONS OF THE LISTING RULES

Angang Beijing Research Institute is owned as to 54% by Angang Group Company, the ultimate controlling Shareholder. Accordingly, Angang Beijing Research Institute is a connected person of the Company and the transactions contemplated under the 2021 Technology Development Agreements constitute connected transactions of the Company under Chapter 14A of the Listing Rules.

Taking into account the fact that (i) the 2021 Technology Development Agreements are entered into on the same day with the same party, and (ii) the 2020 Technology Development Agreements and the 2019 Technology Development Agreements are still ongoing and were entered into by the Company with the same party as the 2021 Technology Development Agreements, all the 2021 Technology Development Agreements, together with the 2020 Technology Development Agreements and the 2019 Technology Development Agreements, should be aggregated as if they were one transaction pursuant to Rule 14A.81 of the Listing Rules.

As one or more of the applicable percentage ratios (as defined under the Listing Rules) in respect of the aggregated results of entering into the 2021 Technology Development Agreements, the 2020 Technology Development Agreements and the 2019 Technology Development Agreements exceed 0.1% but are less than 5%, the entering into of the 2021 Technology Development Agreements is subject to the reporting and announcement requirements, but is exempt from the circular, independent financial advice and the independent Shareholders' approval requirement under Chapter 14A of the Listing Rules.

#### BACKGROUND

On 10 August 2021, the Company entered into the 2021 Technology Development Agreements with Angang Beijing Research Institute to cooperate in the research and development of certain technologies for the Company.

The fees payable by the Company under the 2021 Technology Development Agreements and the transactions contemplated thereunder, being RMB114,240,000 in total, will be funded by internal resources of the Company.

The fee under each of the 2021 Technology Development Agreements was determined between the parties on an arm's length basis by taking into account the aggregate amount of the material expenses, equipment charges, fuel and power fees, assay and testing fees, expenditure on manpower and management overhead for the technology development projects estimated to be incurred thereunder.

Among the expenses, material expenses and equipment charges were determined based on the market price with reference to the lowest price after obtaining three quotations and on the principle of optimal cost-effectiveness. Fuel and power fees were determined based on the prices set by the Price Control Departments in Beijing. Assay and testing fees were determined with reference to the Company's benchmark quotation provided to external third parties. Expenditure on manpower was determined with reference to the average income of high tech talents in Beijing. The management overhead represented approximately 6% to 10% of the technology development costs in line with the approach taken by the universities in the PRC.

## **TECHNOLOGY DEVELOPMENT AGREEMENT I**

Set out below is a summary of the principal terms of the Technology Development Agreement I:

| Date:             | 10 August 2021   |
|-------------------|--|
| Parties:          | (i) The Company; and   |
|                   | (ii) Angang Beijing Research Institute   |
| Scope of Service: | Pursuant to the Technology Development Agreement<br>I, the Company will cooperate with Angang Beijing<br>Research Institute to detect and research the mechanism<br>of volatile organic compounds (VOCs) from the coking<br>process. |
| Term:             | The Technology Development Agreement I shall commence from 10 August 2021 and remain in effect until 9 August 2024.  |
| Payment:          | The Company shall pay Angang Beijing Research<br>Institute a total of RMB15,800,000 (tax included) in<br>accordance with the following timeline:   |
|                   | <ul> <li>(i) RMB4,740,000 to be paid in accordance with<br/>the Company's then payment policy after the<br/>Technology Development Agreement I is signed<br/>and a duly-issued invoice has been received;</li> </ul>                 |

- (ii) RMB4,740,000 to be paid in accordance with the Company's then payment policy after interval acceptance tests are passed according to contractually agreed milestone targets in 2022 and a duly-issued invoice has been received;
- (iii) RMB4,740,000 to be paid in accordance with the Company's then payment policy after interval acceptance tests are passed according to contractually agreed milestone targets in 2023 and a duly-issued invoice has been received; and
- (iv) RMB1,580,000 to be paid in accordance with the Company's then payment policy after the final acceptance test is passed according to contractually agreed milestone targets in 2024 and a duly-issued invoice has been received.

#### **TECHNOLOGY DEVELOPMENT AGREEMENT II**

Set out below is a summary of the principal terms of the Technology Development Agreement II:

| Date:             | 10 August 2021  |
|-------------------|---|
| Parties:          | (i) The Company; and  |
|                   | (ii) Angang Beijing Research Institute  |
| Scope of Service: | Pursuant to the Technology Development Agreement<br>II, the Company will cooperate with Angang Beijing<br>Research Institute to conduct analysis and process<br>optimization of Bayuquan coke dry quenching system. |
| Term:             | The Technology Development Agreement II shall commence from 10 August 2021 and remain in effect until 9 August 2024.  |

Payment: The Company shall pay Angang Beijing Research Institute a total of RMB15,500,000 (tax included) in accordance with the following timeline: (i) RMB4,650,000 be paid in accordance with the Company's then payment policy after the Technology Development Agreement II is signed and a duly-issued invoice has been received; (ii) RMB4,650,000 to be paid in accordance with the Company's then payment policy after interval acceptance tests are passed according to contractually agreed milestone targets in 2022 and a duly-issued invoice has been received; (iii) RMB4,650,000 to be paid in accordance with the Company's then payment policy after interval acceptance tests are passed according to contractually agreed milestone targets in 2023 and a duly-issued invoice has been received; and (iv) RMB1,550,000 to be paid in accordance with the Company's then payment policy after the final

# TECHNOLOGY DEVELOPMENT AGREEMENT III

Set out below is a summary of the principal terms of the Technology Development Agreement III:

invoice has been received.

acceptance test is passed according to contractually agreed milestone targets in 2024 and a duly-issued

| Date:             | 10 August 2021   |
|-------------------|--|
| Parties:          | (i) The Company; and   |
|                   | (ii) Angang Beijing Research Institute   |
| Scope of Service: | Pursuant to the Technology Development Agreement<br>III, the Company will cooperate with Angang Beijing<br>Research Institute to develop and apply the technology<br>of electromagnetic slagging technology for zinc liquid. |
| Term:             | The Technology Development Agreement III shall commence from 10 August 2021 and remain in effect until 31 December 2023.   |

Payment: The Company shall pay Angang Beijing Research Institute a total of RMB7,000,000 (tax included) in accordance with the following timeline: (i) RMB2,100,000 be paid in accordance with the Company's then payment policy after the Technology Development Agreement III is signed and a duly-issued invoice has been received; (ii) RMB2,800,000 to be paid in accordance with the Company's then payment policy after interval acceptance tests are passed according to contractually agreed milestone targets in 2022 and a duly-issued invoice has been received; and (iii) RMB2,100,000 to be paid in accordance with the Company's then payment policy after the final acceptance test is passed according to contractually agreed milestone targets in 2023 and a duly-issued invoice has been received. **TECHNOLOGY DEVELOPMENT AGREEMENT IV** 

Set out below is a summary of the principal terms of the Technology Development Agreement IV:

| Date:             | 10 August 2021  |
|-------------------|---|
| Parties:          | (i) The Company; and  |
|                   | (ii) Angang Beijing Research Institute  |
| Scope of Service: | Pursuant to the Technology Development Agreement<br>IV, the Company will cooperate with Angang Beijing<br>Research Institute to research and develop the layered<br>casting process technology. |
| Term:             | The Technology Development Agreement IV shall commence from 10 August 2021 and remain in effect until 31 December 2023.   |

Payment: The Company shall pay Angang Beijing Research Institute a total of RMB7,200,000 (tax included) in accordance with the following timeline: (i) RMB2,160,000 be paid in accordance with the Company's then payment policy after the Technology Development Agreement IV is signed and a duly-issued invoice has been received; (ii) RMB2,880,000 to be paid in accordance with the Company's then payment policy after interval acceptance tests are passed according to contractually agreed milestone targets in 2022 and a duly-issued invoice has been received; and (iii) RMB2,160,000 to be paid in accordance with the Company's then payment policy after the final acceptance test is passed according to contractually agreed milestone targets in 2023 and a duly-issued invoice has been received. **TECHNOLOGY DEVELOPMENT AGREEMENT V** 

Set out below is a summary of the principal terms of the Technology Development Agreement V:

| Date:             | 10 August 2021  |
|-------------------|---|
| Parties:          | (i) The Company; and  |
|                   | (ii) Angang Beijing Research Institute  |
| Scope of Service: | Pursuant to the Technology Development Agreement V, the Company will cooperate with Angang Beijing Research Institute to research the properties and anti-<br>oxidant mechanism in high-temperature environment of the medium manganese steel structure for warm forming. |
| Term:             | The Technology Development Agreement V shall commence from 10 August 2021 and remain in effect until 31 December 2023.  |

Payment:

The Company shall pay Angang Beijing Research Institute a total of RMB9,000,000 (tax included) in accordance with the following timeline:

- (i) RMB2,700,000 to be paid in accordance with the Company's then payment policy after the Technology Development Agreement V is signed and a duly-issued invoice has been received;
- (ii) RMB3,600,000 to be paid in accordance with the Company's then payment policy after the interval acceptance tests are passed according to contractually agreed milestone targets in 2022 and a duly-issued invoice has been received;
- (iii) RMB2,700,000 to be paid in accordance with the Company's then payment policy after the final acceptance test is passed according to contractually agreed milestone targets in 2023 and a duly-issued invoice has been received; and
- (iv) the remaining fees need not be paid if any of the above contractually agreed milestone targets is not met.

# TECHNOLOGY DEVELOPMENT AGREEMENT VI

Set out below is a summary of the principal terms of the Technology Development Agreement VI:

| Date:             | 10 August 2021  |  |
|-------------------|---|--|
| Parties:          | (i) The Company; and  |  |
|                   | (ii) Angang Beijing Research Institute  |  |
| Scope of Service: | Pursuant to the Technology Development Agreement<br>VI, the Company will cooperate with Angang Beijing<br>Research Institute to conduct integrated computing<br>of and research retained austenite in advanced high-<br>strength steel.                                   |  |
| Term:             | The Technology Development Agreement VI shall commence from 10 August 2021 and remain in effect until 31 December 2023.   |  |
| Payment:          | The Company shall pay Angang Beijing Research<br>Institute a total of RMB9,000,000 (tax included) in<br>accordance with the following timeline:   |  |
|                   | <ul> <li>(i) RMB2,700,000 to be paid in accordance with<br/>the Company's then payment policy after the<br/>Technology Development Agreement VI is signed<br/>and a duly-issued invoice has been received;</li> </ul>   |  |
|                   | <ul> <li>(ii) RMB3,600,000 to be paid in accordance with<br/>the Company's then payment policy after<br/>interval acceptance tests are passed according to<br/>contractually agreed milestone targets in 2022 and<br/>a duly-issued invoice has been received;</li> </ul> |  |
|                   | (iii) RMB2,700,000 to be paid in accordance with the<br>Company's then payment policy after the final<br>acceptance test is passed according to contractually<br>agreed milestone targets in 2023 and a duly-issued<br>invoice has been received; and                     |  |
|                   | <ul><li>(iv) the remaining fees need not be paid if any of the<br/>above contractually agreed milestone targets is not<br/>met.</li></ul>   |  |

## **TECHNOLOGY DEVELOPMENT AGREEMENT VII**

Set out below is a summary of the principal terms of the Technology Development Agreement VII:

| Date:             | 10 August 2021   |
|-------------------|--|
| Parties:          | (i) The Company; and   |
|                   | (ii) Angang Beijing Research Institute   |
| Scope of Service: | Pursuant to the Technology Development Agreement<br>VII, the Company will cooperate with Angang Beijing<br>Research Institute to conduct integrated computing<br>of and research the reinforcement behavior of V<br>microalloyed and heat-processed steel for pipelines. |
| Term:             | The Technology Development Agreement VII shall commence from 10 August 2021 and remain in effect until 9 August 2024.  |
| Payment:          | The Company shall pay Angang Beijing Research<br>Institute a total of RMB9,500,000 (tax included) in<br>accordance with the following timeline:  |
|                   | <ul> <li>(i) RMB2,850,000 to be paid in accordance with<br/>the Company's then payment policy after the<br/>Technology Development Agreement VII is signed<br/>and a duly-issued invoice has been received;</li> </ul>   |

- (ii) RMB2,850,000 to be paid in accordance with the Company's then payment policy after interval acceptance tests are passed according to contractually agreed milestone targets in 2022 and a duly-issued invoice has been received;
- (iii) RMB2,850,000 to be paid in accordance with the Company's then payment policy after interval acceptance tests are passed according to contractually agreed milestone targets in 2023 and a duly-issued invoice has been received; and
- (iv) RMB950,000 to be paid in accordance with the Company's then payment policy after the final acceptance test is passed according to contractually agreed milestone targets in 2024 and a duly-issued invoice has been received.

#### **TECHNOLOGY DEVELOPMENT AGREEMENT VIII**

Set out below is a summary of the principal terms of the Technology Development Agreement VIII:

| Date:             | 10 August 2021   |
|-------------------|--|
| Parties:          | (i) The Company; and   |
|                   | (ii) Angang Beijing Research Institute   |
| Scope of Service: | Pursuant to the Technology Development Agreement<br>VIII, the Company will cooperate with Angang Beijing<br>Research Institute to develop the rolling process<br>for preparing high-carbon extra-thick steel plates<br>with multi-layer subassembly based on simulation<br>technology. |
| Term:             | The Technology Development Agreement VIII shall commence from 10 August 2021 and remain in effect until 31 December 2023.  |

| Payment: | Insti | Company shall pay Angang Beijing Research<br>tute a total of RMB10,400,000 (tax included) in<br>rdance with the following timeline:  |
|----------|-------|--|
|          | (i)   | RMB3,120,000 to be paid in accordance with<br>the Company's then payment policy after the<br>Technology Development Agreement VIII is<br>signed and a duly-issued invoice has been received;   |
|          | (ii)  | RMB4,160,000 to be paid in accordance with<br>the Company's then payment policy after<br>interval acceptance tests are passed according to<br>contractually agreed milestone targets in 2022 and<br>a duly-issued invoice has been received; and |
|          | (iii) | RMB3,120,000 to be paid in accordance with the<br>Company's then payment policy after the final<br>acceptance test is passed according to contractually<br>agreed milestone targets in 2023 and a duly-issued<br>invoice has been received.      |

## **TECHNOLOGY DEVELOPMENT AGREEMENT IX**

Set out below is a summary of the principal terms of the Technology Development Agreement IX:

| Date:             | 10 August 2021   |
|-------------------|--|
| Parties:          | (i) The Company; and   |
|                   | (ii) Angang Beijing Research Institute   |
| Scope of Service: | Pursuant to the Technology Development Agreement<br>IX, the Company will cooperate with Angang Beijing<br>Research Institute to research the key technologies for<br>preparation and structure property control of 1214Bi<br>free-cutting steel. |
| Term:             | The Technology Development Agreement IX shall commence from 10 August 2021 and remain in effect until 31 December 2023.  |

Payment: The Company shall pay Angang Beijing Research Institute a total of RMB6,000,000 (tax included) in accordance with the following timeline: RMB1,800,000 to be paid in accordance with (i) the Company's then payment policy after the Technology Development Agreement IX is signed and a duly-issued invoice has been received; (ii) RMB2,400,000 to be paid in accordance with the Company's then payment policy after interval acceptance tests are passed according to contractually agreed milestone targets in 2022 and a duly-issued invoice has been received; (iii) RMB1,800,000 to be paid in accordance with the Company's then payment policy after the final acceptance test is passed according to contractually agreed milestone targets in 2023 and a duly-issued invoice has been received; and (iv) the remaining fees need not be paid if any of the above contractually agreed milestone targets is not met.

#### **TECHNOLOGY DEVELOPMENT AGREEMENT X**

Set out below is a summary of the principal terms of the Technology Development Agreement X:

| Date:             | 10 August 2021  |
|-------------------|---|
| Parties:          | (i) The Company; and  |
|                   | (ii) Angang Beijing Research Institute  |
| Scope of Service: | Pursuant to the Technology Development Agreement X, the Company will cooperate with Angang Beijing Research Institute to research and develop the quality inspection system for the end faces of hot rolled plates. |
| Term:             | The Technology Development Agreement X shall commence from 10 August 2021 and remain in effect until 31 December 2023.  |

Payment: The Company shall pay Angang Beijing Research Institute a total of RMB4,740,000 (tax included) in accordance with the following timeline: RMB1,420,000 to be paid in accordance with (i) the Company's then payment policy after the Technology Development Agreement X is signed and a duly-issued invoice has been received; (ii) RMB1,900,000 to be paid in accordance with the Company's then payment policy after interval acceptance tests are passed according to contractually agreed milestone targets in 2022 and a duly-issued invoice has been received; and (iii) RMB1,420,000 to be paid in accordance with the Company's then payment policy after the final acceptance test is passed according to contractually agreed milestone targets in 2023 and a duly-issued invoice has been received. **TECHNOLOGY DEVELOPMENT AGREEMENT XI** 

Set out below is a summary of the principal terms of the Technology Development Agreement XI:

| Date:             | 10 August 2021  |
|-------------------|---|
| Parties:          | (i) The Company; and  |
|                   | (ii) Angang Beijing Research Institute  |
| Scope of Service: | Pursuant to the Technology Development Agreement XI, the Company will cooperate with Angang Beijing Research Institute to conduct big data analysis of the cold rolled and hot rolled plates integration. |
| Term:             | The Technology Development Agreement XI shall commence from 10 August 2021 and remain in effect until 31 December 2023.   |

Payment: The Company shall pay Angang Beijing Research Institute a total of RMB9,000,000 (tax included) in accordance with the following timeline: (i) RMB2,700,000 to be paid in accordance with the Company's then payment policy after the Technology Development Agreement XI is signed and a duly-issued invoice has been received; (ii) RMB3,600,000 to be paid in accordance with the Company's then payment policy after interval acceptance tests are passed according to contractually agreed milestone targets in 2022 and a duly-issued invoice has been received; (iii) RMB2,700,000 to be paid in accordance with the Company's then payment policy after the final acceptance test is passed according to contractually agreed milestone targets in 2023 and a duly-issued invoice has been received; and (iv) the remaining fees need not be paid if any of the above contractually agreed milestone targets is not met. **TECHNOLOGY DEVELOPMENT AGREEMENT XII** 

Set out below is a summary of the principal terms of the Technology Development Agreement XII:

| Date:             | 10 August 2021   |
|-------------------|--|
| Parties:          | (i) The Company; and   |
|                   | (ii) Angang Beijing Research Institute   |
| Scope of Service: | Pursuant to the Technology Development Agreement<br>XII, the Company will cooperate with Angang Beijing<br>Research Institute to research the application of the<br>Cloud-based PLC system defined based on 5G software. |

| Term:    | The Technology Development Agreement XII shall commence from 10 August 2021 and remain in effect until 31 December 2023.  |
|----------|---|
| Payment: | The Company shall pay Angang Beijing Research<br>Institute a total of RMB11,100,000 (tax included) in<br>accordance with the following timeline:  |
|          | <ul> <li>(i) RMB3,330,000 to be paid in accordance with<br/>the Company's then payment policy after the<br/>Technology Development Agreement XII is signed<br/>and a duly-issued invoice has been received;</li> </ul>  |
|          | <ul> <li>(ii) RMB4,440,000 to be paid in accordance with<br/>the Company's then payment policy after<br/>interval acceptance tests are passed according to<br/>contractually agreed milestone targets in 2022 and<br/>a duly-issued invoice has been received; and</li> </ul> |
|          | (iii) RMB3,330,000 to be paid in accordance with the<br>Company's then payment policy after the final<br>acceptance test is passed according to contractually<br>agreed milestone targets in 2023 and a duly-issued<br>invoice has been received.                             |

#### REASONS AND BENEFITS OF ENTERING INTO THE 2021 TECHNOLOGY DEVELOPMENT AGREEMENTS

Angang Beijing Research Institute is a forward-looking technology research and development platform under Angang Group Company. It has a high scientific research position and strong scientific research strength in the fields of steel material technology research, new material calculation and design, and process simulation technology. The success in the research and development of the abovementioned projects will greatly enhance the Company's basic research and development level and enable the Company to maintain its current leading level in the field of steel for marine engineering, expand its leading capability in the field of new materials such as 1214Bi free-cutting steel, develop future revolutionary steel processing technology, thereby providing strong support for the Company to improve its scientific research and development ability, product competitiveness and profitability in the future.

Having reviewed and considered the terms of the 2021 Technology Development Agreements, the Directors (including the independent non-executive Directors) are of the view that:

- (i) the terms of the 2021 Technology Development Agreements are fair and reasonable;
- (ii) the entering into of the 2021 Technology Development Agreements is on normal commercial terms or better and in the ordinary and usual course of business of the Company; and
- (iii) the entering into of the 2021 Technology Development Agreements is in the interest of the Company and its Shareholders as a whole.

### **GENERAL INFORMATION OF THE PARTIES**

#### The Company

The Company is a major steel manufacturing enterprise in the PRC. It is principally engaged in ferrous metal smelting and steel pressing and processing.

#### Angang Beijing Research Institute

Angang Beijing Research Institute, formerly known as Future Iron and Steel Research Institute Co., Ltd.\* ("**Future Iron and Steel Institute**"), was established in March 2010 in the PRC. It is an indirectly wholly-owned subsidiary of Angang Group Company. As at the date of this announcement, it is held as to 54%, 30%, 11% and 5% by Angang Group Company, Angang Holding, Pangang Group Co., Ltd.\* (攀鋼集團 有限公司) ("**Pangang**") and Angang Group Mining Co., Ltd.\* (鞍鋼集團礦業有限公司) (the "**Mining Company**"), respectively. Each of Angang Holding, Pangang and the Mining Company is a wholly-owned subsidiary of Angang Group Company.

Angang Group Company is the ultimate controlling Shareholder. As at the date of this announcement, it indirectly holds approximately 53.33% equity interest of the Company through Angang Holding. Angang Group Company is a company incorporated in the PRC. It was established and is wholly owned by the State-owned Assets Supervision and Administration Commission of the State Council (國務院國有資產監督管理委員會) (as the representative of the State Council of the PRC) as at the date of this announcement.

Angang Holding, a wholly-owned subsidiary of Angang Group Company, is a major enterprise in the iron and steel industry in the PRC and engaged in a wide range of iron and steel-related business activities including steel products, metal wares (exclusive of franchised products), cast iron pipes, metal structure materials, iron wire ropes and relevant products, coking and coking products, cement, electricity generation, metallurgical appliance and equipment and related spare parts and components, electrical machinery, equipment, instruments and apparatus for power transmission, distribution and control, mining and beneficiation of iron ore and manganese ore as well as quarrying of refractory pebble, etc. As at the date of this announcement, it directly holds approximately 53.33% equity interest in the Company.

### IMPLICATIONS OF THE LISTING RULES

Angang Beijing Research Institute is owned as to 54% by Angang Group Company, the ultimate controlling Shareholder. Accordingly, Angang Beijing Research Institute is a connected person of the Company and the transactions contemplated under the 2021 Technology Development Agreements constitute connected transactions of the Company under Chapter 14A of the Listing Rules.

Taking into account the fact that (i) the 2021 Technology Development Agreements are entered into on the same day with the same party, and (ii) the 2020 Technology Development Agreements and the 2019 Technology Development Agreements are still ongoing and were entered into by the Company with the same party as the 2021 Technology Development Agreements, all the 2021 Technology Development Agreements, together with the 2020 Technology Development Agreements and the 2019 Technology Development Agreements, should be aggregated as if they were one transaction pursuant to Rule 14A.81 of the Listing Rules.

As one or more of the applicable percentage ratios (as defined under the Listing Rules) in respect of the aggregated results of entering into the 2021 Technology Development Agreements, the 2020 Technology Development Agreements and the 2019 Technology Development Agreements exceeds 0.1% but are less than 5%, the entering into of the 2021 Technology Development Agreements is subject to the reporting and announcement requirements, but is exempt from the circular, independent financial advice and the independent Shareholders' approval requirement under Chapter 14A of the Listing Rules.

Mr. Wang Yidong, the chairman of the Company, and Mr. Li Zhen, an executive Director, who are also the deputy general manager of Angang Group Company and a director of Angang Holding, respectively, are considered to have a material interest in the transactions contemplated under the 2021 Technology Development Agreements due to their senior management and director positions in Angang Group Company and its subsidiary. Therefore, Mr. Wang Yidong and Mr. Li Zhen have abstained from voting on the resolutions in relation to the 2021 Technology Development Agreements proposed to the Board.

Save as disclosed above, none of the Directors is deemed to have a material interest in the 2021 Technology Development Agreements and none of them had to abstain from voting in respect of the 2021 Technology Development Agreements at the Board meeting.

# DEFINITIONS

In this announcement, the following expressions shall have the following meanings unless the context requires otherwise:

| "2019 Technology<br>Development<br>Agreements" | collectively, the nine technology development<br>agreements referred to in the announcement of the<br>Company dated 10 September 2019  |
|--|--|
| "2020 Technology<br>Development<br>Agreements" | collectively, the six technology development agreements<br>referred to in the announcement of the Company dated<br>11 December 2020  |
| "2021 Technology<br>Development<br>Agreements" | collectively, Technology Development Agreement I,<br>Technology Development Agreement II, Technology<br>Development Agreement III, Technology Development<br>Agreement IV, Technology Development Agreement V,<br>Technology Development Agreement VI, Technology<br>Development Agreement VII, Technology Development<br>Agreement VIII, Technology Development Agreement<br>IX, Technology Development Agreement X, Technology<br>Development Agreement XI and Technology<br>Development Agreement XII |
| "Angang Beijing Research<br>Institute"         | Angang Group Beijing Research Institute Company<br>Limited* (鞍鋼集團北京研究院有限公司), a<br>company established in the PRC with limited liability,<br>and a 54% owned subsidiary of Angang Group Company   |
| "Angang Group Company"                         | Angang Group Company* (鞍鋼集團有限公司), a company incorporated in the PRC with limited liability, the ultimate controlling Shareholder   |
| "Angang Holding"                               | Anshan Iron & Steel Group Co., Ltd.* (鞍山鋼鐵集<br>團有限公司), a wholly-owned subsidiary of Angang<br>Group Company and the immediate holding Shareholder<br>which holds 53.33% of equity interest in the Company as<br>at the date of this announcement   |

| "Board"                                   | the board of Directors   |
|---|--|
| "Company"                                 | Angang Steel Company Limited* (鞍鋼股份有限公司), a joint stock limited company incorporated in Anshan, Liaoning Province, the PRC, the H shares of which are listed on the Hong Kong Stock Exchange (Stock code: 347) and the A shares of which are listed on the Shenzhen Stock Exchange (Stock code: 898) |
| "Director(s)"                             | director(s) of the Company   |
| "Hong Kong"                               | the Hong Kong Special Administrative Region of the PRC   |
| "Listing Rules"                           | the Rules Governing the Listing of Securities on The<br>Stock Exchange of Hong Kong Limited  |
| "PRC" or "China"                          | the People's Republic of China, which for the purpose<br>of this announcement excludes Hong Kong, the Macau<br>Special Administrative Region and Taiwan  |
| "RMB"                                     | Renminbi, the lawful currency of the PRC   |
| "Shareholder(s)"                          | shareholder(s) of the Company  |
| "Technology Development<br>Agreement I"   | the technology development agreement entered into<br>between the Company and Angang Beijing Research<br>Institute on 10 August 2021 to detect and research the<br>mechanism of volatile organic compounds (VOCs) from<br>the coking process  |
| "Technology Development<br>Agreement II"  | the technology development agreement entered into<br>between the Company and Angang Beijing Research<br>Institute on 10 August 2021 to conduct analysis and<br>process optimization of Bayuquan coke dry quenching<br>system   |
| "Technology Development<br>Agreement III" | the technology development agreement entered into<br>between the Company and Angang Beijing Research<br>Institute on 10 August 2021 to develop and apply the<br>technology of electromagnetic slagging technology for<br>zinc liquid   |

| "Technology Development<br>Agreement IV"   | the technology development agreement entered into<br>between the Company and Angang Beijing Research<br>Institute on 10 August 2021 to research and develop the<br>layered casting process technology   |
|--|---|
| "Technology Development<br>Agreement V"    | the technology development agreement entered into<br>between the Company and Angang Beijing Research<br>Institute on 10 August 2021 to research the properties<br>and anti-oxidant mechanism in high-temperature<br>environment of the medium manganese steel structure<br>for warm forming |
| "Technology Development<br>Agreement VI"   | the technology development agreement entered into<br>between the Company and Angang Beijing Research<br>Institute on 10 August 2021 to conduct integrated<br>computing of and research retained austenite in<br>advanced high-strength steel  |
| "Technology Development<br>Agreement VII"  | the technology development agreement entered into<br>between the Company and Angang Beijing Research<br>Institute on 10 August 2021 to conduct integrated<br>computing of and research the reinforcement behavior<br>of V microalloyed and heat-processed steel for pipelines               |
| "Technology Development<br>Agreement VIII" | the technology development agreement entered into<br>between the Company and Angang Beijing Research<br>Institute on 10 August 2021 to develop the rolling<br>process for preparing high-carbon extra-thick steel<br>plates with multi-layer subassembly based on simulation<br>technology  |
| "Technology Development<br>Agreement IX"   | the technology development agreement entered into<br>between the Company and Angang Beijing Research<br>Institute on 10 August 2021 to research the key<br>technologies for preparation and structure property<br>control of 1214Bi free-cutting steel                                      |
| "Technology Development<br>Agreement X"    | the technology development agreement entered into<br>between the Company and Angang Beijing Research<br>Institute on 10 August 2021 to research and develop the<br>quality inspection system for the end faces of hot rolled<br>plates  |

| "Technology Development<br>Agreement XI"  | the technology development agreement entered into<br>between the Company and Angang Beijing Research<br>Institute on 10 August 2021 to conduct big data analysis<br>of the cold rolled and hot rolled plates integration         |
|---|--|
| "Technology Development<br>Agreement XII" | the technology development agreement entered into<br>between the Company and Angang Beijing Research<br>Institute on 10 August 2021 to research the application<br>of the Cloud-based PLC system defined based on 5G<br>software |
| "%""                                      | percent  |

In addition, the terms "associate", "connected person", "connected transaction", "continuing connected transaction", "controlling shareholder", "percentage ratio(s)" and "subsidiary(ies)" shall have the meanings ascribed to them under the Listing Rules.

# By Order of the Board ANGANG STEEL COMPANY LIMITED\* Wang Yidong

Executive Director and Chairman of the Board

Anshan City, Liaoning Province, the PRC 10 August 2021

As at the date of this announcement, the Board comprises the following Directors:

Executive Directors: Wang Yidong Li Zhen Li Zhongwu Wang Baojun

Independent Non-executive Directors: Feng Changli Wang Jianhua Wang Wanglin Zhu Keshi

\* For identification purpose only