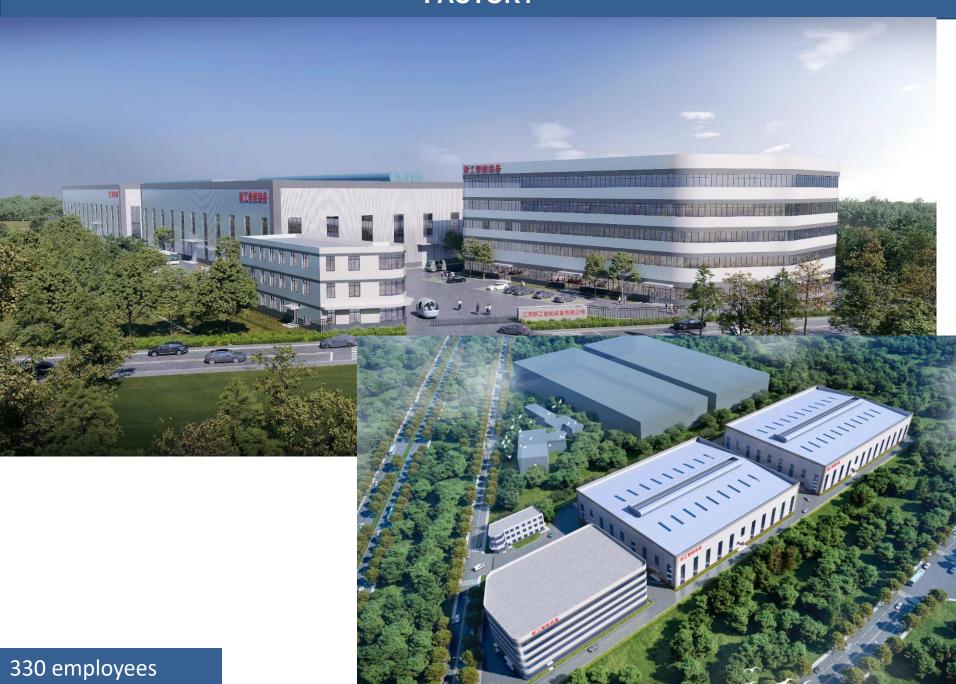


THLE GRAB & HOPPER 新华起重工具

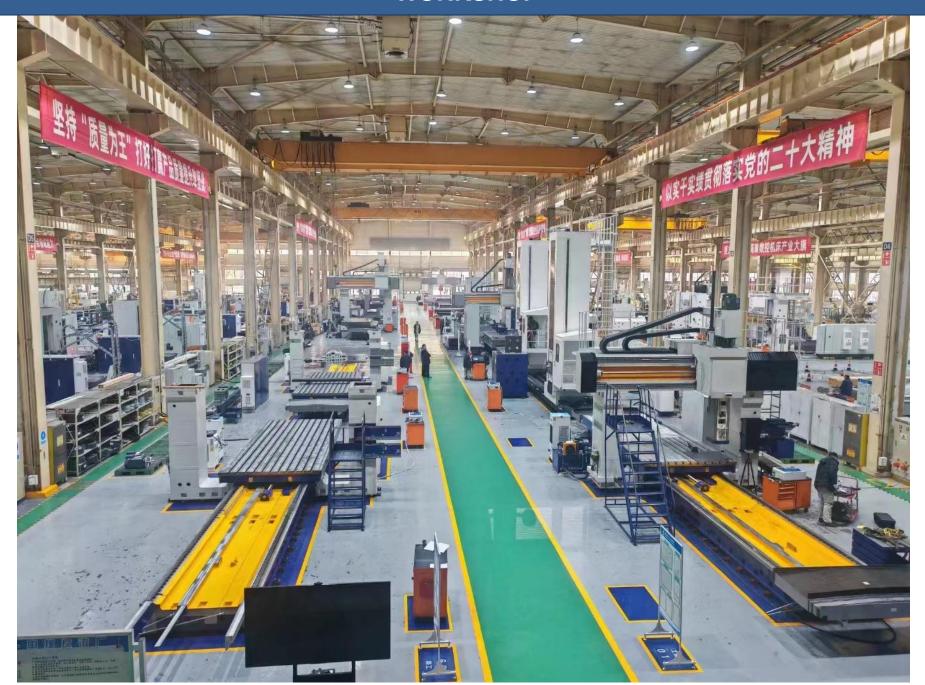


We customize GRAB and HOPPER for dry bulk discharging. And other liftings.

FACTORY



WORKSHOP



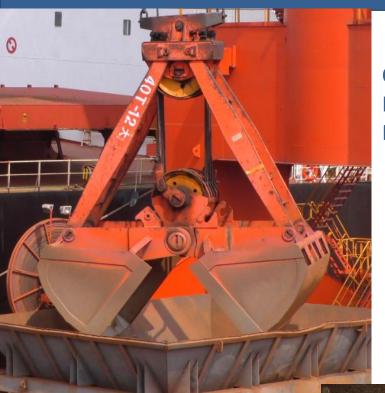
Remote control grab







Mechanical Grab



Coal Iron Ore Many others





Wooden chip

THLE 新华起重工具

Timber log Grab

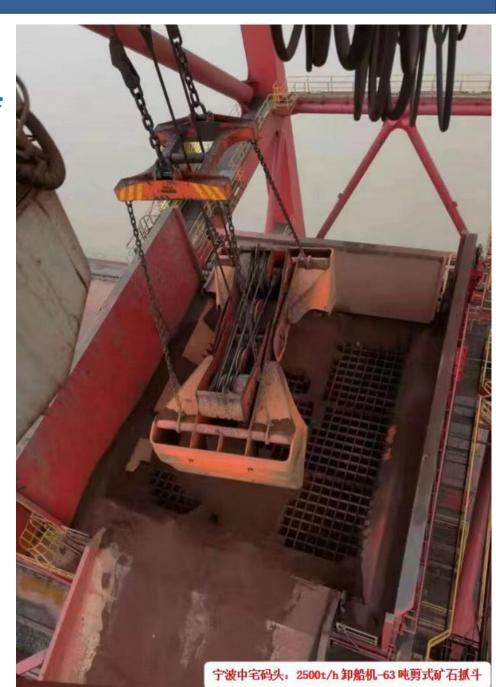


THLE 新华起重工具

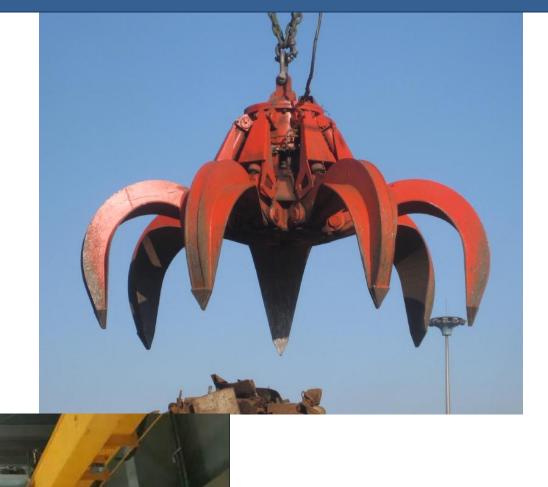


Scissors Grab





Electric-hydraulic grab





Dust suppression hopper

THLE 新华起重工具





Comparison

Dust suppression hopper

- 1. Avoid cargo losses.
- 2. Super high work efficiency Dust filtration system



- 1. Too much dry bulk powder fly to air and gone, A large amount of cargo was lost.
- 2. Seriously pollute the environment and Serious threat to human health.



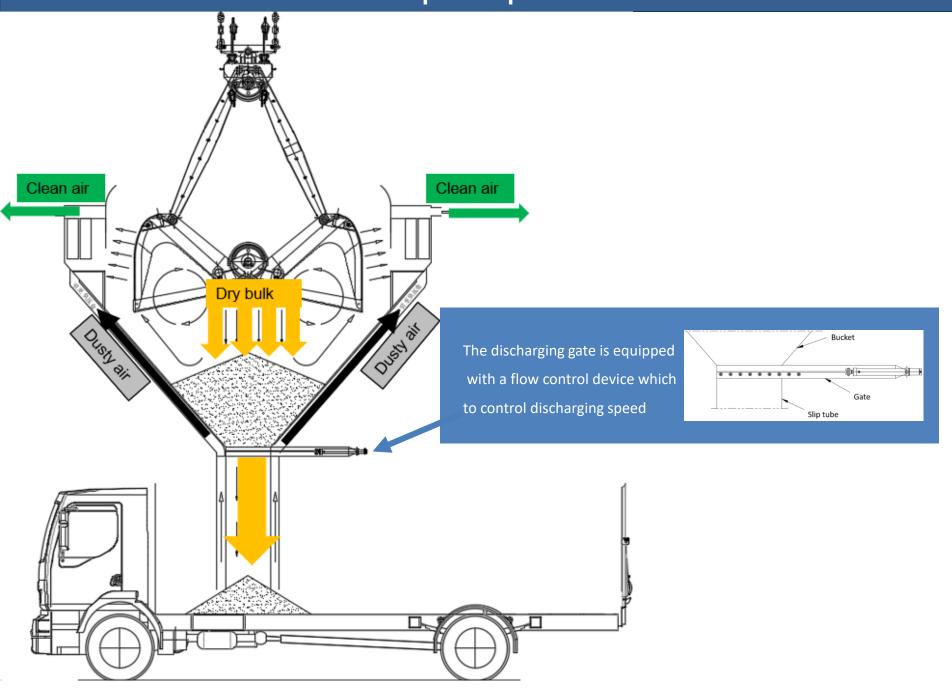


Application: Foodstuff/Dry cassava/Clinker/Fertilizer and many others dry bulk

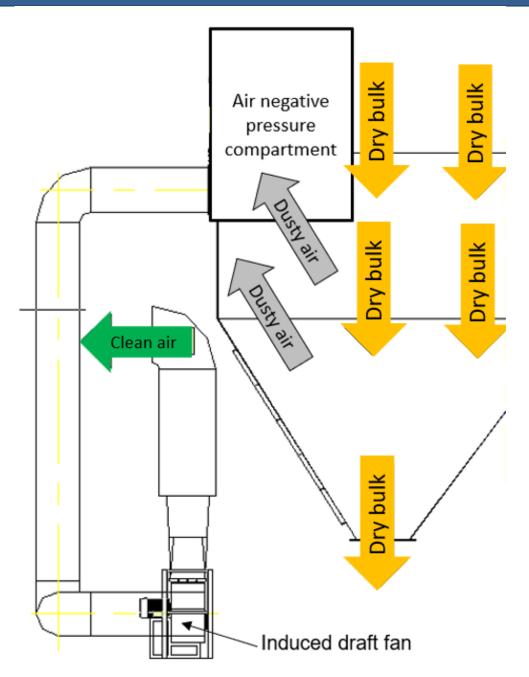




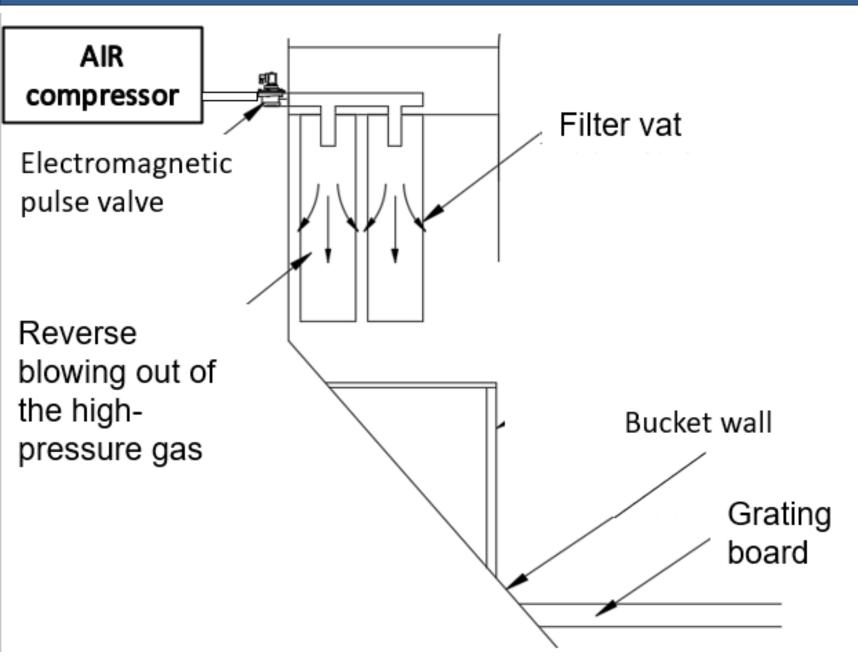
Principle of operation



Dust suppression system operational principle



Dust suppression system operational principle

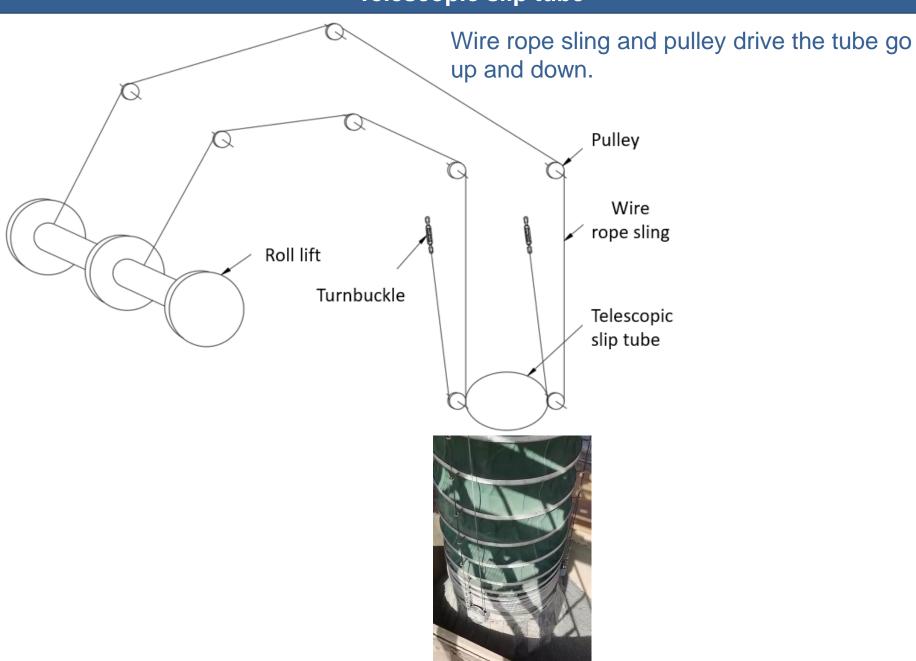


Telescopic slip tube

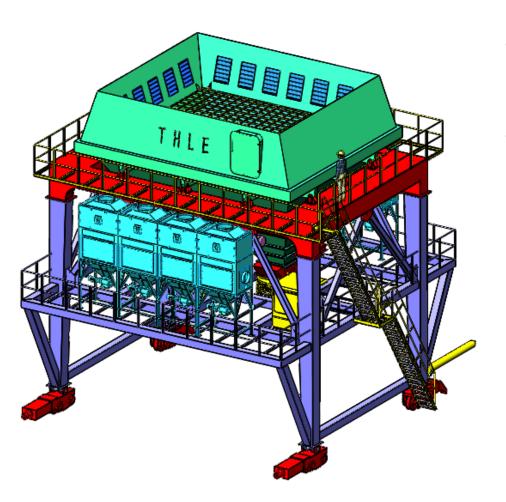
The telescopic slip tube and the hopper have a certain swing freedom in the direction of the vehicle, Avoid damage or shedding due to slight drag.



Telescopic slip tube

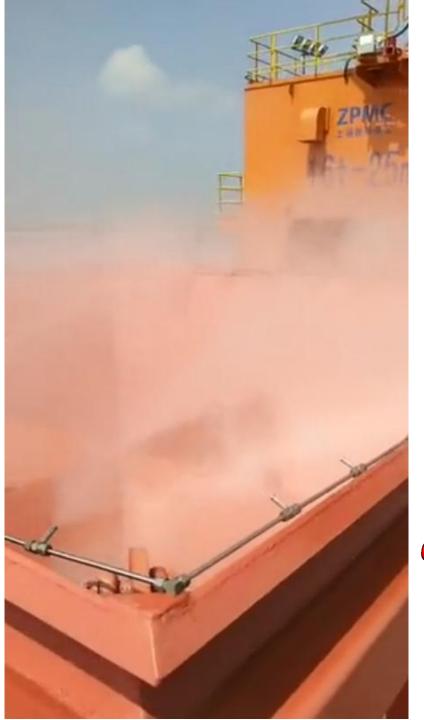


Vibrating system



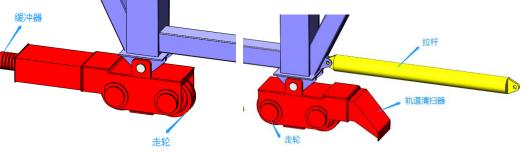
- Vibrating system to speed up dry bulk failing. Prevent cargo from sticking inside hopper bucket.
- Collect dry bulk powder into recovery system, and than fail down to discharging gate again.





Optional configuration

- Dust spray system on top opening.
- Remote control discharging door open & close by cylinder drive.
- Gantry wheel or tyre are also optional.



Control room & Power

- The hopper is controlled by PLC in the control room.
- Control transformer, air compressor, freeze dryer, air filtration system ,etc.



The hopper power from the crane.

The crane is equipped with a power box, which on the land side of crane leg,

THLE provides the corresponding power cable and control cable between

- the crane and the hopper.
- Cables are equipped with drum for it storage during shutdown.



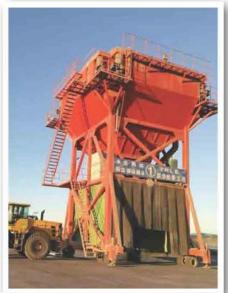
Project reference

Discharging work efficiency	≥400t/h
Specific dry bulk	Foodstuff
Volume	≥60m³
Dry bulk weight	≥40t
Physical dimension	L 10000 X W 10000 X H 14500mm around or customize
Top opening (Grab is closed into the hopper)	≥6500x6500mm
Inner dimension (The grab opens in the hopper)	≥7000x7000mm
Distance between legs	6500mm or customize
Vehicle maximum-through height	≥4400mm
Clearance height when the telescopic slip tube drops to the lowest position (Exclude dust suppression curtain)	≤1.1m
Hopper materials	Main fabrication Q355B/Q235A .Bucket inner plates use wear-resisting plate NM400

Hydraulic pressure station of landing leg:	5.5kw*2 380V/50Hz 25MPa
Total handling of air volume	>60000 m³/h
Dust removal effect	>90%
noise	<90 decibels
total power:	60kw
Deadweight:	Around 65t
Telescopic slip tube diameter:	≥600mm
Filling gate:	≥800X500mm
Filling gate open/close time	Around 12s

Other projects reference

















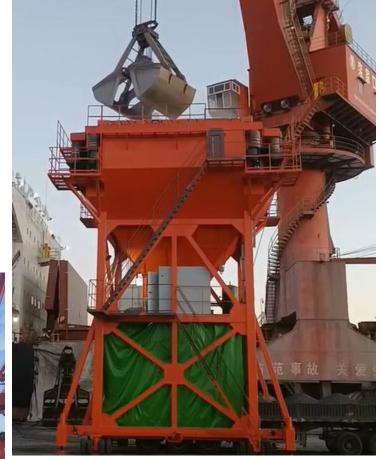
Other projects reference







Other projects reference



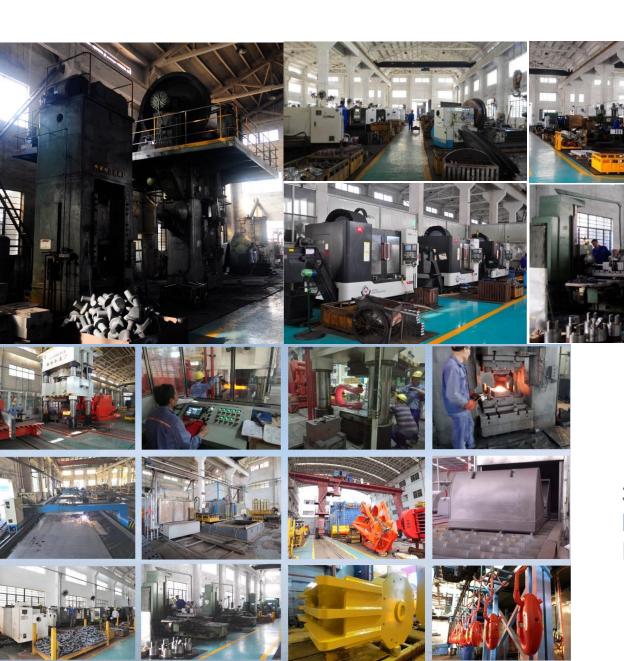




Other lifting items



Facilities - Forging & Machining



3000T Forging machine Large gantry machining center Furnace for heat treatment

Facilities - Quick glance



THLE Test Center







100Ton Tensile Test





























大连华锐重工集团股份有限公司 DALIAN HUARUI HEAVY INDUSTRY GROUP CO.,LTD.







南京港机重工制造有限公司(南京港口机械厂)

Nanjing Port-Machinery & Heavy-Industry Manufacture Co., Ltd (Nanjing port machinery plant)























CHITECATE NAMES. 13-MMPS-FF&PAC-472 MIMPS: 2884; OID: 3013692: O2E: T1027475

ABS MATERIALS HOUSTON

CERTIFICATE OF FORGING FACILITY AND PROCESS APPROVAL

This is to certify that a representative of ABS did, at the request of

Wuxi City Xinhua Lifting Equipment Co., Ltd.

aroud its facilities as indicated in the ABS port office survey report number NX2195815 dated 17 April. 2013, in order to carry out a survey of the facilities and associated quality procedures. The facility is considered capable of numerications

Steel Forgings for Marine Applications

is accordance with the ABS Approval latter, ABS Bales, designated standards and ABS approved drawings. The approval is valid subject to adherence to relevant ABS Ruke and survey requirements and annual facility and orderes its an ABS representative.

ISSUE DATE: 17 Apr. 17 EXPIRATION DATE: 16 Apr. 18



MENANTER.

ABS MANAGER, MATERIALS, HOUSTON

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中国船艇杜 GREEN TOTAL MERS CHINA CLASSIFICATION SOCIETY

工厂认可证书 CERTIFICATE OF WORKS APPROVAL

UP TORK STATE THAT I THE RELIGIOUS AS

望证理本证书可述的是广风各版图下的标准的模式生产本证书明用产品的股方和条件。 This is to certify that the manufacturer stated in the certificate meets the expainments of the standards lated below and is available with the ability and conditions to produce the products on described in the contribute.

60hf"/Manufacturer

无锡市新华起重工具有限公司

WENT CITY XINDIEA LIFTING EQUIPMENT CO., LTB.

五桶市新宝铸件工业集中区都达舞038号 No.228 Note Read, Minima Industrial Carden New Position, World City

表写产品/ Product Approved

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S. T. H. B. / Approved Standard

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2017年12月28日 7, Dec. 29, 2017 E reality 2006 roll roll

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中国船级社质量认证公司

质量管理体系认证证书 QUALITY MANAGEMENT SYSTEM CERTIFICATE

编号: No.80516Q26444R4M

禁证债

无锡市新华起重工具有限公司

(在衛生产地址,江苏省北州市新区商社领域运路224 号 - 北端,214112, 组织和两代码;73416880.7)

This is to cartify that the Quality Management System (QMS) of

WUXI CITY XINHUA LIFTING EQUIPMENT CO., LTD.

(Regulered Penduction Add. No 228 NIDA ROAD, MERCUN TOWN, WAST CITY NEW ZONE, MANGNO PROVINCE 274112. P.R.CHBIA: Organizational Cultr. 73 (18810-7)

建全的液量分配体系符合标准。 CB/T 19691-2099 / TSO 9601:2609. has been found to conform to standard GB/T 19001-2008 / ESO 9001-2008.

本证书对下述范围的质量管理体系有效: *热轧槽接、起重工具囊具、循斗等侧结构件的

This certificate is valid to the following scope for QMS: *PROBUCTION OF HOT-ROLLED PULLEYS, LIFTING YACKLE & RIGGING, GRAH AND THE LIKE RITERL COMPONENTS:

本证书有效数率。2019年3月10日。 This certificate is valid until 10 March 2019.

作: CB/TVMOL200019CHOOL 2008 G/近岸東有東東京東京2018年9月18日. Remarker The complication to CRETINNOLD RELISCONDS: 2008 to valid to \$5 September, 2008.

注: 足附件一. Kemarks: See Attachment 1.







General Manager Huang Shiyuan



CANADA DEL CONTRACTOR DEL CONTRACTOR DE LA CONTRACTOR DE





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