



# Dongying Hengxin Turbomachinery Co.,Ltd

**Company Name** : Dongying Hengxin Turbomachinery Co., Ltd.  
东营恒鑫机械有限公司

**Showroom** : www.hxtcasting.com

**Address** : No. 23, Liupanshan Road, Dongying District, Dongying City,  
Shandong, China

**Product** : Gas Turbine Parts, Turbine Blade and Vane, Turbine Wheel and Disk,  
Nozzle Ring, Structural Parts, Automotive Parts, Machinery Parts

**has been on site audited for the Following Scope of Activity**

1. General Information
2. Foreign Trade Capacity
3. Product Research & Development Capacity
4. Management System and Product Certification
5. Production Capacity & Quality Control
6. Working Environment
7. Energy Saving and Emission Reduction
8. Photos



## **General Comments:**

Located in Dongying city, Shandong province, Dongying Hengxin Turbomachinery (HXT for short) which is established in 2008 with a registered capital of 10 million Yuan. The company has 200 staff including more than 30 technical engineers. Annual production capacity reaches 1800 tons.

HXT is one of leader manufacturer specializes in developing and manufacturing of silica sol investment castings parts with material of nickel & cobalt based alloys, stainless steel, carbon steel which mainly used for Automotive exhaust system parts, Gas /Steam turbine, Pump valves and Lock parts applications filed etc.

The main applications of our products can be found by Volkswagen, Audi, Mercedes-Benz, BMW, etc.

HXT has already got the ISO9001 certificate in 2008 and certification of China Aviation Association in 2013 and IATF 16949 in 2020.

Welcome you come to our factory for a visit!

# Samples Show

<b>Description:</b>	<b>Description:</b>
	
<b>Description: Product Sample</b>	<b>Description: Product Sample</b>
	
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**Description: Product Sample**



**Description: Product Sample**



**Description: Product Sample**



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# SUPPLIER ASSESSMENT REPORT

Audited Company	Dongying Hengxin Turbomachinery Co., Ltd.
Audited Site:	No. 23, Liupanshan Road, Dongying District, Dongying City, Shandong, China

Consigner of Assessment			
Audit Type	<input checked="" type="checkbox"/> Initial Audit <input type="checkbox"/> Re-audit		
Audit Date	14 Apr.,2020	Verify Report	<a href="http://www.sgs.com/ecv">www.sgs.com/ecv</a>
Auditor	Ransford Qi	Reviewed by	Toby Han

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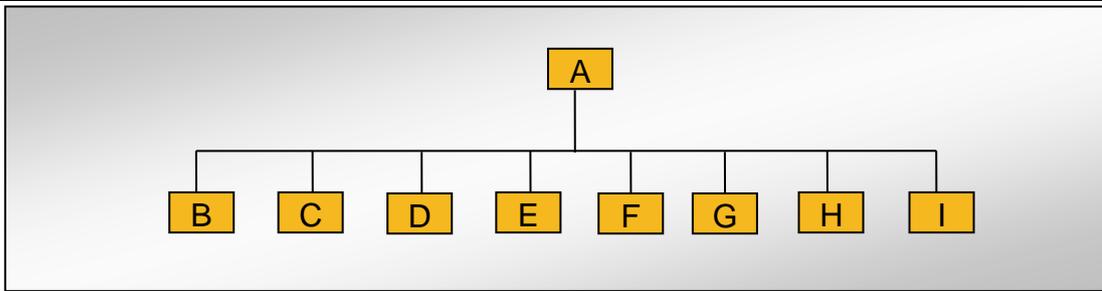
## Part A: General Information

### Section 1: Company Overview

1.1 Legal Validity			
Does the company have a valid business license?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Others	Registration Number	91370502672227443M
Year of established	22 Feb.,2008	Valid Date	Long Valid
Registered address	No. 23, Liupanshan Road, Dongying District, Dongying City, Shandong, China		
Actual address	No. 23, Liupanshan Road, Dongying District, Dongying City, Shandong, China		
Does the company in abnormal operation status list of industrial and commercial bureau?	No		
Registered capital	RMB 10,000,000		
Name of legal representative	Mr. Xiaowei Fan		
Business scope	Design, production and sales of mould; production and sales of general machinery spare parts. (The items which need to be authorized by the law can be operated only after the approval by relative department)		
1.2 Basic Information			
Contact person	Mr. Madrid Luo		
Phone number	0086-18654676940	Fax number	0086-546-8179992
URL/Web address	<a href="http://www.hxtcasting.com">www.hxtcasting.com</a>		
Company type	<input type="checkbox"/> Manufacturer <input type="checkbox"/> Trading Company <input checked="" type="checkbox"/> Combined <input type="checkbox"/> Group Corporation		
Type of ownership	<input checked="" type="checkbox"/> Limited Company <input type="checkbox"/> Public Company <input type="checkbox"/> Foreign joint venture <input type="checkbox"/> State-Owned <input type="checkbox"/> Private Owner <input type="checkbox"/> Wholly foreign-owned enterprises		
Associated company	No		
Products manufactured / sold scope	Gas Turbine Parts, Turbine Blade and Vane, Turbine Wheel and Disk, Nozzle Ring, Structural Parts, Automotive Parts, Machinery Parts		
1.3 Company Building Information			
According to:			
<input type="checkbox"/> Land certificate <input type="checkbox"/> Real estate certificate <input checked="" type="checkbox"/> Lease agreement <input type="checkbox"/> Observation Estimated on site			
The company area around 20,000 square meters.			
The land occupies Confidential square meters.			
The offices occupy around 2,000 square meters.			
The workshops occupy around 18,000 square meters.			

## Section 2: Human Resources

### 2.1 Company Chart



### 2.2 Explanation of Code and Employee Details

Code	Department	Number of employees
A	GM	1
B	Admin. Office	3
C	Financial Dept.	3
D	Purchasing Dept.	2
E	Sales Dept.	10
F	Tech. Dept.	20
G	QC Dept.	10
H	Equipment Dept.	1
I	Production Dept.	150
<b>Number in total:</b>		200

### 2.3 Key Staff

Title	Full name	Education	Working experience for this trade / total experience
Sales Manager	Mr. Madrid Luo	University	7/7 years

Remark: Above information of Key Staff was based on interview with company representative.

## Part B: Foreign Trade Capacity

### Section 1: Export Overall Situation

1.1 Export Overall Situation	
Does the company have a valid Import and Export license?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The import and export enterprise code.	91370502672227443M
The number of foreign trading staff with relevant trading experience.	<input type="checkbox"/> within 1 year staff <input checked="" type="checkbox"/> 1-5 years 6 staffs <input checked="" type="checkbox"/> 6-10 years 2 staffs <input checked="" type="checkbox"/> over 10 years 1 staff Total 9 staffs
The language freely used by foreign trade staff	<input checked="" type="checkbox"/> English <input checked="" type="checkbox"/> others: Russian
Annual revenue of previous year	Confidential
Annual export revenue of previous year	Confidential
Estimated export revenue for this year.	Confidential
Overseas agent / branch	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Nearest port	Qingdao Port
Acceptable quotation terms	<input checked="" type="checkbox"/> FOB <input checked="" type="checkbox"/> CIF <input checked="" type="checkbox"/> CFR
Acceptable payment terms	<input checked="" type="checkbox"/> LC <input checked="" type="checkbox"/> T/T <input type="checkbox"/> D/P <input checked="" type="checkbox"/> PayPal <input checked="" type="checkbox"/> Western Union <input type="checkbox"/> Small-amount payment
Average lead time (Peak Season)	<input type="checkbox"/> within 15 workday <input checked="" type="checkbox"/> one month <input type="checkbox"/> 2-3 months <input type="checkbox"/> 4-6 months <input type="checkbox"/> 6-12 months <input type="checkbox"/> more time
Average lead time (Off Season)	<input type="checkbox"/> within 15 workday <input checked="" type="checkbox"/> one month <input type="checkbox"/> 2-3 months <input type="checkbox"/> 4-6 months <input type="checkbox"/> 6-12 months <input type="checkbox"/> more time

### Section 2: Export Business Capacity

2.1 Market Distribution (please list top three areas)		
Market	Main Product	Main client
<input checked="" type="checkbox"/> North America	Gas Turbine Parts, Turbine Blade and Vane, Turbine Wheel and Disk, Nozzle Ring, Structural Parts, Automotive Parts, Machinery Parts	Confidential
<input type="checkbox"/> South America		
<input checked="" type="checkbox"/> Europe	Gas Turbine Parts, Turbine Blade and Vane, Turbine Wheel and Disk, Nozzle Ring, Structural Parts, Automotive Parts, Machinery Parts	Confidential
<input checked="" type="checkbox"/> Southeast Asia/ Mideast	Gas Turbine Parts, Turbine Blade and Vane, Turbine Wheel and Disk, Nozzle Ring, Structural Parts, Automotive Parts, Machinery Parts	Confidential
<input type="checkbox"/> Africa		
<input type="checkbox"/> East Asia (Japan/ South Korea)		
<input type="checkbox"/> Australia		
<input type="checkbox"/> Domestic		
<input type="checkbox"/> Others		

### Section 3: Supplier Management

3.1 Supplier Management		
Item	Content	Observations /Comments
1	Does the company establish and implement an effective suppliers' assessment procedure?	<input checked="" type="checkbox"/> Have the written procedures and followed records <input type="checkbox"/> Have the written procedures but no records <input type="checkbox"/> Have relevant records without written procedure <input type="checkbox"/> No written procedures or followed records <input type="checkbox"/> Other
2	Does the company have an updated list of approved suppliers?	<input checked="" type="checkbox"/> The approved suppliers list was updated in <u>2019</u> <input type="checkbox"/> Have the written suppliers without approved signature or date. <input type="checkbox"/> Provided some suppliers names <input type="checkbox"/> No approved suppliers list <input type="checkbox"/> Other

### Section 4: After-sales Service Capacity

4.1 After-sales Service Capacity		
Item	Content	Observations /Comments
1	Is there a procedure to conduct random product inspection after final packaging in place?	<input checked="" type="checkbox"/> Have clear standards and written inspection records <input type="checkbox"/> No written standards but had inspection reports <input type="checkbox"/> Have the procedures but no inspection records <input type="checkbox"/> It's not necessary to carry out the inspection <input type="checkbox"/> Other
2	Is there a clear procedure for handling customer complaints?	<input type="checkbox"/> Has the clear procedure and followed records <input checked="" type="checkbox"/> Has the procedure but no written records. <input type="checkbox"/> No written procedures or records. <input type="checkbox"/> Other
3	Can the finished/packaged product be traced by lot identification to the appropriate raw materials test reports?	<input checked="" type="checkbox"/> Have the procedures to trace the raw materials. <input type="checkbox"/> Can trace main materials <input type="checkbox"/> Can trace production date. <input type="checkbox"/> Can't trace products <input type="checkbox"/> Other
4	Are corrective & preventive actions mechanism established and implemented effectively (including the suppliers/ sub-contractors control, incoming inspection, process control, final inspection and customer complaint)?	<input checked="" type="checkbox"/> Has the clear procedure and followed records <input type="checkbox"/> Has the procedure but no written records. <input type="checkbox"/> No written procedures or records. <input type="checkbox"/> Other

## Part C: Product Research & Development Capacity

1.1 Product Research & Development Capacity	
The amount of R&D and relevant working experience.	<input type="checkbox"/> within 1year staff <input type="checkbox"/> 1-5 years staff <input checked="" type="checkbox"/> 6-10 years 15 staffs <input checked="" type="checkbox"/> over 10 years 5 staffs Total 20 engineers
What is the main job responsibility for R&D engineers?	To design products and improve production procedures
Is there any relevant design input, output, review, verification and validation documentation available for auditor to review?	YES
Is there any special software or instrument used by the R&D staffs during the design process of new products? If yes, please list the main software or instrument.	YES, UG, AutoCAD, SolidWorks, Trilinear Coordinates Measuring Instrument
Does the company have an effective design change control procedure in place?	YES
Please list the patent certificates and qualification license.	Nil

## Part D: Management System and Product Certification

1.1 Management System and Product Certification	
Management system certification	<p><input checked="" type="checkbox"/> ISO9001:2015 certificate            Certificate Name:ISO9001:2015 Certificate            NO.: 03419Q50406R0M            Issued by: Beijing Hangxie Certification Center Co., Ltd.            Issued Date: 09 May.,2019            Valid Until: 08 May.,2022            Scope: Design and production of mould</p> <p><input checked="" type="checkbox"/> ISO14001:2015 certificate            Certificate Name:ISO14001:2015 Certificate            NO.: 17420E20119R0M            Issued by: HXC (Beijing) Certification Center Co., Ltd.            Issued Date: 26 Mar.,2020            Valid Until: 25 Mar.,2023            Scope: Design and sales molds(metals), sales of mechanical parts involved in the environmental management activities</p> <p><input checked="" type="checkbox"/> Others            Certificate Name:ISO45001:2018 Certificate            NO.: 17420S20119R0M            Issued by: HXC (Beijing) Certification Center Co., Ltd.            Issued Date: 26 Mar.,2020            Valid Until: 25 Mar.,2023            Scope: Design and sales molds(metals), sales of mechanical parts involved in the occupational health and safety management activities</p>
Product certification	<p><input type="checkbox"/> CE</p> <p><input type="checkbox"/> UL</p> <p><input type="checkbox"/> CCC</p> <p><input type="checkbox"/> RoHS</p> <p><input type="checkbox"/> FCC</p> <p><input type="checkbox"/> Others</p> <p><input checked="" type="checkbox"/> NIL</p>
Test reports for raw materials	<p><input type="checkbox"/> RoHS</p> <p><input type="checkbox"/> Reach</p> <p><input type="checkbox"/> Others</p> <p><input checked="" type="checkbox"/> NIL</p>

## Part E: Production Capacity & Quality Control

### Section 1: Production Capacity





### 1.2 Products Situation (Top three Product Categories)

Product	Price range	Min. order quantity	Top monthly output	Average monthly output	Total in 2019
 Turbine Blade	Negotiable	100 pieces	50 pieces	Confidential	Confidential
 Flange	Negotiable	1,000 pieces	1,200,000 pieces	Confidential	Confidential

### 1.3 Main Facilities

Picture	Facility name	Brand or Country/Region of origin	Target Value/machine*day	Quantity
	CNC Machining Center	Confidential	Confidential	14
	Wax Injection Machine	Confidential	Confidential	4
	MPI Wax Injection Machine	Confidential	Confidential	1
	Drying Line	Confidential	Confidential	1

	Dewaxing Machine	Confidential	Confidential	1
	Roasting Furnace	Confidential	Confidential	3
	Smelting Furnace	Confidential	Confidential	2
	Shell Vibrating Machine	Confidential	Confidential	2
	Shot Blasting Machine	Confidential	Confidential	5
	Cutting Machine	Confidential	Confidential	2
	Lathe	Confidential	Confidential	1
	Polishing Machine	Confidential	Confidential	2
	Pressing Machine	Confidential	Confidential	4

	Vacuum Melting Furnace	Confidential	Confidential	1
	Trilinear Coordinates Measuring Instrument	Confidential	Confidential	1
	Blue Laser Scanner	Confidential	Confidential	1
	Spectrograph	Confidential	Confidential	1
	Rockwell Apparatus	Confidential	Confidential	1
	High Temperature Durable Creep Tester	Confidential	Confidential	1
	Tension Tester	Confidential	Confidential	1

## Section 2: Production Process Control

2.1 Production Process Control		
Item	Content	Observations /Comments
1	Product R&D capacity	<input type="checkbox"/> Own brand <input checked="" type="checkbox"/> ODM <input checked="" type="checkbox"/> OEM
2	Are the environmental conditions, such as tidiness and cleanliness being controlled and suitable for the operation performed?	<input type="checkbox"/> Very tidy <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Need to improve <input type="checkbox"/> Very poor
3	Are the necessary items /documents provided at appropriate location and under control?	<input checked="" type="checkbox"/> Work Instructions /procedures <input type="checkbox"/> Workmanship standard /acceptance <input type="checkbox"/> Golden sample /Approval sample <input type="checkbox"/> Product picture <input type="checkbox"/> Verbal by workshop director
4	Are written instructions available for incoming material inspections /testing? Is the relevant record maintained?	<input checked="" type="checkbox"/> Has instructions and uniformly followed <input type="checkbox"/> Has instruction but no written records <input type="checkbox"/> Materials checked by storage staff
5	Are written inspections /testing instructions available for finished products? Is the relevant record maintained?	<input checked="" type="checkbox"/> Have instructions and uniformly followed <input type="checkbox"/> Have instruction but no written records <input type="checkbox"/> Finished product checked by packing staff
6	What type of inspection is used for finished products?	<input checked="" type="checkbox"/> Random inspection <input type="checkbox"/> Visual inspection <input checked="" type="checkbox"/> Function inspection <input checked="" type="checkbox"/> 100% inspection <input checked="" type="checkbox"/> Visual inspection <input type="checkbox"/> Function inspection
7	Are non-conforming units clearly marked/ segregated to prevent accidental dispatch?	<input checked="" type="checkbox"/> Marked and segregated <input type="checkbox"/> Segregated but not marked clearly <input type="checkbox"/> Not found on site
8	How are the non-conforming units handled?	<input checked="" type="checkbox"/> Repaired and re-inspection <input checked="" type="checkbox"/> Picked out <input type="checkbox"/> Used under control <input type="checkbox"/> Others

## Part G: Working Environment

### Section 1: Working Environment

1.1 Welfare Benefits		
Item	Content	Observations /Comments
1	Does the company have effective procedures to verify the age of staff at the time of recruitment?	<input checked="" type="checkbox"/> Has written procedure and keeps adequate age documents of workers <input type="checkbox"/> Has written procedure but doesn't follow records <input type="checkbox"/> Hasn't written procedure or follows records
2	Do all workers sign employment contracts with the factory?	<input checked="" type="checkbox"/> All workers sign employment contracts <input type="checkbox"/> Some workers sign employment contracts <input type="checkbox"/> Only management staff sign employment contracts <input type="checkbox"/> No staff sign employment contracts
3	Is statutory contribution required for all employees' social insurance (e.g. health insurance, unemployment insurance, accident insurance etc.) paid for by the enterprise?	<input checked="" type="checkbox"/> All workers have social insurance. <input type="checkbox"/> Some workers have social insurance <input type="checkbox"/> Only management staffs have social insurance <input type="checkbox"/> No staff have social insurance
4	Does the company have a clear and effective policy on working hours, rest and vacations? If does, please list it.	<input type="checkbox"/> All staffs work kept to the policy <input checked="" type="checkbox"/> Most of the time it keeps to the policy except midseason. <input type="checkbox"/> Usually needs overtime. <input type="checkbox"/> No relevant records for working hours Describe the working hours: 8 hours per day, 6 days per week
5	Does the company pay extra remunerations for all overtime work?	<input checked="" type="checkbox"/> For all overtime work. <input type="checkbox"/> For official holidays <input type="checkbox"/> For official holidays except weekend. <input type="checkbox"/> No extra remunerations for overtime.
6	Does the company have dormitories for staff? If yes, please describe the condition.	<input type="checkbox"/> Provide dormitories for all staff <input type="checkbox"/> Provide dormitories for workers <input type="checkbox"/> Provide dormitories for management staff <input checked="" type="checkbox"/> No dormitories were provided. Describe the condition: Nil
1.2 Labor Protection		
Item	Content	Observations /Comments
1	Are there uniforms for all staff in company?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Other
2	Is the emergency medical supplies enough and easily used in workshop?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Other
3	Does the company arrange health and safety training for new workers?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Other
4	Do the workers have the appropriate protective equipment during operation in workshop? Such as gloves, masks.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Other
5	Is there training needed and carried out for fire protection?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Other

## Part H: Energy Saving and Emission Reduction

### Section 1: Environmental Management

1.1 Environmental Management		
Item	Content	Observations /Comments
1	Environmental Management System	<input checked="" type="checkbox"/> ISO 14001 Certificate <input type="checkbox"/> Cleaner production management <input type="checkbox"/> NIL
2	Environmental Impact Assessment	<input checked="" type="checkbox"/> The Report of Environmental impact assessment is approved by EPA Dongying in 2018. <input type="checkbox"/> NIL
3	Check and Acceptance of Completed Constructive Projects	<input checked="" type="checkbox"/> The Report Completed Constructive Projects Inspection and Acceptance is approved. <input type="checkbox"/> NIL
4	"Three Simultaneity" for Environmental protection	<input checked="" type="checkbox"/> The Report of "Three Simultaneity" for Environmental protection Inspection and Acceptance is available. <input type="checkbox"/> NIL

### Section 2: Water, Gas and Noise Control

2.1 Water, Gas and Noise Control		
Item	Content	Observations /Comments
1	Water-intaking	<input type="checkbox"/> Water-intaking license <input type="checkbox"/> No water-intaking license <input checked="" type="checkbox"/> No water taken from natural water body
2	Waste water	<input type="checkbox"/> Water-draining license or contract <input type="checkbox"/> Having carried out waste water treatment before draining <input checked="" type="checkbox"/> Having carried out waste water monitoring and the result of which being within the standard limit <input type="checkbox"/> No detail activities were found
3	Emission to air	<input type="checkbox"/> Air pollutant emission license <input checked="" type="checkbox"/> Having carried out air pollutant emission monitoring and the result of which being within the standard limit <input type="checkbox"/> No detail activities were found to reduce emission to air
4	Classification and Recycling for solid waste	<input checked="" type="checkbox"/> Having applied trash classification recycling <input type="checkbox"/> Having special warehouse for hazardous waste <input type="checkbox"/> No detail activities were found
5	Noise	<input checked="" type="checkbox"/> The company carried out noise monitoring and the result of which being within the standard limit one time per year <input type="checkbox"/> No detail activities were found

# Part J: Photos

## Section 1: Photos of Documents

### 1.1 Photos of Documents

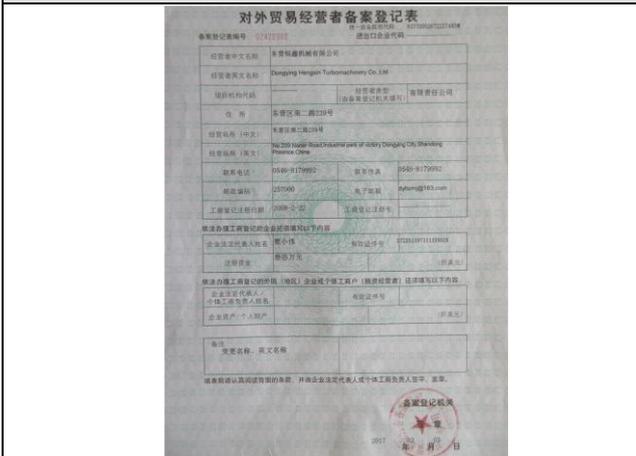
Description: Business License (Original)



Description: Business License (Duplicate)



Description: Export License



Description: ISO9001 Certificate



Description: ISO14001 Certificate



Description: ISO45001 Certificate



## Section 2: Photos of Company

### 2.1 Photos of Company and Product Sample

Description: Company Gate



Description: Office Building



Description: Office



Description: Office



Description: Workshop



Description: Workshop

