

勘察設計卷
SURVEY & DESIGN VOLUME

中國建設企業
TOP 100 CONSTRUCTION ENTERPRISES IN CHINA

百強榜

1992

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一九九二年度中國建設企業百強頒獎大會代表合影



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Speech at the Conference

for News Release and Prize

Awarding for the Result of Assessment for the 100 Best Enterprises (Units) According to Their Comprehensive Power and Economic Results Among Construc- -tion Enterprises and Units in China

by Hou Jie, Minister of Construction
August 2, 1993

Dear comrades:

The conference for News Release and Prize Awarding for the Result of Assessment for the 100 Best Enterprises (Units) According to Their Comprehensive Power and Economic Results Among construction Enterprises and Units in China is held here now. First of all, let me, on behalf of the Ministry of Construction, extend our sincere congratulations to the prizewinners—the nation's best surveying, prospecting and designing units and construction enterprises, and extend our warm welcome to our distinguished guests, representatives of the prize-winning enterprises and our friends the reporters present at the conference. The activities of selecting the two kinds of "100 Best" were jointly sponsored by the National Bureau of Statistics and the Ministry of Construction and were carried out by the Construction Enterprises Assessment Center of China with care and support from the Standing Committee of the National People's Congress and departments concerned from the State Council. Mr. Li Ximing, Vice-Chairman of the NPC, though very busy, has come to our conference today. His presence at the meeting is a great inspiration and encouragement to the assessment and selection of the "100 Best" enterprises, to the surveying, prospecting and designing units and construction enterprises in China. We should earnestly sum up our experience, and do a still better job in the annual selection of the "100 Best" enterprises later, and encourage the construction enterprises in China to constantly improve their management and raise their comprehensive power and economic results.

As we all know, the building industry, the real estate and the municipal and public engineering branches are important industries in the national economy. With the tasks of project construction, municipal construction and the construction of villages and towns, they are playing an important role in raising the living standards, both materially and culturally, of the Chinese people living both in urban and rural areas, in strengthening the nation's comprehensive power and in reaching ahead of schedule the strategic aims set for the second step in the modernization of China. Since the founding of New China, especially since the opening and reform, with the vigorous development of the national economy and the gradual deepening of the reform in the national economic system, there has been rapid development in the building industry, the real estate and the municipal engineering and public establishment, and the quality of the enterprises has been raised and their comprehensive power has been strengthened. They have made important contribution to the modernization of China. And, at the same time, there have emerged a number of advanced enterprises of fine quality with great power and good economic results. I believe it is our duty to make an assessment of the comprehensive power and make it known to the public. We must do this if we are to further deepen the reform and open wider to the outside world, if we are to quicken our steps in developing China's socialist economy, to encourage the changes in the management system, to run our enterprises on a higher level and to bring about quicker technological advancement.

Based on the above understanding, the Ministry of Construction and the National Bureau of Statistics have jointly set up the Construction Enterprise Assessment Center of China in charge of the annual assessment of the enterprises in the building industry. It is the first time for the Center to make an assessment of the enterprises this year, focusing on China's surveying, prospecting and designing units and construction building enterprises. Later on, all-round assessment will also be made of the nation's real estate and enterprises of municipal engineering and public establishments. The result of the assessment this year, being the first one and lacking in experience, might not be exactly true to the actual facts. We are convinced, however, that it will play an important role and greatly benefit the further development of construction enterprises, real estate enterprises and municipal engineering and public establishment enterprises and remarkably strengthen their comprehensive power if we sum up our experience and do a still better job in carrying on our assessment activities.

The nation's one hundred best surveying, prospecting and designing units and the one hundred enterprises of the building industry that have been selected this year, are typical exponents in China's surveying, prospecting and designing units and construction enterprises. We hope that they will guard against arrogance and rashness, give full play to their pioneering spirit and make even greater achievements in the future, we also hope that departments responsible for the building industry and the mass media will sum up and give extensive publicity to their good deeds and experience, so that the quality of the building enterprises will be raised to a higher level, their comprehensive power will be further strengthened, and they can make still greater contribution to the reform, opening and the modernization of China.

Here we extend our sincere gratitude to the various departments in different regions that have offered us great support and assistance in our work. May the assessment and selection of the best enterprises bring about marvelous results.

Thank you very much.

同志們:

中國勘察設計單位綜合實力和建築施工企業綜合效益百強評選結果新聞發布會,今天在這裡隆重舉行。我首先代表建設部向榮獲“百強”稱號的勘察設計單位和建築施工企業致以熱烈的祝賀,向出席今天會議的各位來賓、百強企業(單位)的代表和新聞界的朋友致以熱烈的歡迎。這次評選“百強”活動,是由國家統計局和建設部共同發起,由中國建設企業評價中心具體舉辦的,它得到了全國人大常委會和國務院各有關部門的關心和支持。李錫銘副委員長在百忙當中出席了我們今天的會議,這對“百強”評選活動的開展,對全國勘察設計單位和建築施工企業都是很大的激勵和鼓舞。我們一定要認真總結經驗,扎扎實實地把每年一度的“百強”評選活動搞好,推動廣大建設企業不斷改善經營管理,提高綜合實力和綜合效益。

大家知道,建築業、房地產業和市政公用行業,是國民經濟中的重要行業,承擔著工程建設、城市建設、鄉鎮建設的繁重任務,對於提高我國城鄉人民群眾的物質文化生活水平,增強我國的綜合國力,提前實現我國現代化建設的第二步戰略目標,都起著重要作用。建國以來,特別是改革開放以來,隨著國民經濟的蓬勃發展和經濟體制改革的逐步深入,我國建築業、房地產業和市政公用行業有了很大的發展,企業整體素質和綜合實力有了很大增強,為我國現代化建設做出了重大貢獻,也湧現了一大批素質高、實力強、效益好的先進企業。我認為,我們有責任也有義務把這些企業的綜合實力評價出來,及時公布於眾,這既是深化改革、擴大開放、加快社會主義市場經濟發展的需要,又是促進企業轉換經營機制、提高經營管理水平、加快技術進步的需要。

正是基於上述認識,建設部和國家統計局聯合成立了中國建設企業評價中心,負責每年一度的評價工作。今年是首次舉行,重點對全國勘察設計單位和建築施工企業進行了評價,今後還將對全國房地產企業和市政公用企業做出全面評價。由於是首次舉行,還缺乏經驗,因此,評價結果可能與實際情況有差異。但是我們深信,通過這次評價活動,進一步總結經驗,加以完善化,把這一活動持續深入地開展下去,必將對推進建築業、房地產業和市政公用行業的更大發展和企業(單位)綜合實力的進一步增強,產生積極的作用和深遠的影響。

此次評價出的勘察設計單位綜合實力百強和建築施工企業綜合效益百強,是全國勘察設計行業和建築行業的典型代表。希望這些百強企業(單位)戒驕戒躁,奮力開拓,百尺竿頭,更進一步。希望各級建設主管部門和新聞媒介,深入總結和廣泛宣傳它們的事跡和經驗,使廣大建設企業的整體素質和綜合實力提高到一个新的水平,為加快改革開放和現代化建設做出新的更大貢獻。

此項評價活動,得到了各地區、各有關部門的大力支持和幫助,特此表示衷心的感謝。預祝此項評價活動取得更大成效。

謝謝大家!

建設部部長 侯捷
一九九三年八月二日

在中國建設企業(單位)綜合實力(效益)百強評價結果新聞發布暨頒獎大會上的講話

Speech at the Conference for News Release and Prize Awarding for the Result of Assessment for the 100 Best Enterprises (Units) According to Their Comprehensive Power and Economic Results Among Construc- -tion Enterprises and Units in China

by Zhang Sai, Director of National Bureau of Statistics
August 2, 1993

Dear comrades and friends:

Today we are here to convene the Conference for News Release and Prize Awarding for the Result of Assessment for the 100 Best Enterprises (Units) According to Their Comprehensive Power and Economic Results Among Construction Enterprises and Units in China. On behalf of the National Bureau of Statistics and the Expert Assessment Committee of the Construction Enterprises Assessment Center of China, I extend our warm congratulations to representatives of the prize-winning construction enterprises and surveying, prospecting and designing enterprises, and give our warm welcome to, and sincere thanks for, our distinguished guests and our friends the reporters present at the conference.

Construction enterprises are an important fundamental industry in the national economy. They play an important role in raising the level of material technological equipment in the national economy. The assessment and evaluation have been carried out according to principles for assessing modern enterprises with scientific assessment index systems centering round the economic power and the economic results of the enterprises, and so the assessment has been all-round and comprehensive. The results of the assessment have been examined by the Ministry of Construction and the National Bureau of Statistics. The prize-winning enterprises are those that are large in production scale, high in technical level, good in economic results and strong in comprehensive power. They can be considered leading enterprises on the construction front in China, and winners in the fight against wind and waves in the sea of market economy. With a keen insight of the market situation and flexible tactics in their management, and with a variety of methods with their own features and dauntless fighting spirit, leaders, managers, workers and staff members of the prize-winning enterprises have accomplished outstanding achievement. What they have achieved has served as an enlightenment for China's enterprises, encouraging them, under the conditions of China's socialist market economy, to quicken their steps in the opening up and reform, to convert the system of the management of enterprises and to strengthen their position in the competition with other enterprises, to raise the level of management, to strengthen their comprehensive power and to expand their influence both in China and in the world.

This is the first time since the founding of New China for the country to select its best one hundred enterprises in the construction field. Its significance does not only lie in the selection itself, but also in the way the assessment and selection were carried out. The assessment and examination were jointly done by the statistic departments with authoritative statistic figures and by the departments responsible for the work in the construction field, so that figures and facts are examined side by side, rendering the judgement fairer and more objective. Meanwhile, the joint assessment has, to a certain extent, checked and tested the quality of the statistic figures, helping us to improve our statistic work and make it more reliable. That's why we say the assessment and selection are significant and meaningful activities. But, of course, these activities are not perfect yet. There is still room for improvement in the ways, the indexes and the means with which the assessment and selection were made. We need to continuously sum up our experience so that we can do better in the future and make improvement each time. I sincerely hope that, in the tide of China's socialist market economy, more and more star enterprises will emerge, and they will stand in the forefront and be pioneers and path breakers and will make still greater contribution to the course of China's socialist modernization.

For truly great men, look to this age alone.
Thank you very much.

同志們、朋友們：

今天，我們在這裡隆重召開“中國建築施工企業綜合效益百強和勘察設計單位綜合實力百強評價結果新聞發布暨頒獎大會”，我謹代表國家統計局和中國建設企業評價中心專家評估委員會向榮獲“百強企業”這一崇高榮譽稱號的建築施工企業和勘察設計單位的代表們致以熱烈的祝賀，向參加今天會議的各位貴賓和新聞界的朋友們表示熱烈的歡迎和衷心的感謝。

建設行業是國民經濟的重要基礎產業，它對於提高國民經濟的物質技術裝備水平具有重要的作用。這次評價依照現代企業評價原則，以經濟實力和經濟效益為中心的科學評估指標體系，進行較全面的評價，并經建設部和國家統計局的有關專家審定。這些企業，生產規模大，技術水平高，經濟效益好，綜合實力強。可以說是我國建設行業排頭兵，是在市場經濟海洋中搏擊風浪的佼佼者。這些企業的領導者、經營者和廣大職工以科學技術為本，憑着敏銳的市場洞察力，靈活的經營戰略，各具特色的經營方式和頑強的拼搏精神，取得了令人矚目的成就。他們取得的成績為我國企業在社會主義市場經濟體制條件下加快改革開放步伐，轉換企業經營機制，增強企業競爭實力，提高企業經營管理水平，擴大企業在國內外的影響，壯大企業綜合實力都提供了有益的啟示。

這次由建設部和國家統計局聯合組織的評選建設行業百強企業活動，是建國以來的首次。它的意義不僅在於評價活動本身，而且評選活動方式也很有新意。由提供權威數據的統計部門與行業主管部門聯合評審，將數據與情況有機地結合起來，使評估活動更加客觀、公正。同時，這種聯合評審也在一定程度上檢驗了我們統計數據的質量，有助於我們進一步加強統計基礎工作，提高統計數據的質量。所以說，這是一項十分有意義的工作。當然，我們的評價活動并非盡善盡美，評估方法、評估指標和評估手段等方面還有進一步可改進之處，需要在實踐中不斷總結、不斷完善。我衷心希望在社會主義市場經濟大潮中能夠涌現出更多的站在潮頭，開拓進取的明星企業，為我國的社會主義現代化建設事業作出更大的貢獻。

數風流人物，還看今朝！

謝謝大家！

國家統計局局長 張塞
一九九三年八月二日

1992年

勘察設計單位

綜閤實力

100強

評選方案

一、參評對象

凡持有建設部頒發的甲級工程勘察、甲級工程設計證書的單位,均可參加評選。

二、評價原則與指導思想:

1、全面考察、綜閤評價。勘察設計單位是為基本建設和企業技術改造提供技術服務的高科技型企業,屬第三產業。因此,對其綜閤實力的評價,須重點體現技術實力、技術水平和綜閤能力。

2、絕對指標和相對指導相結閤。用絕對指標考察勘察設計單位的總體發展水平和規模,用相對指標考察單位的經濟效益水平。

3、簡易性和科學性相結閤。簡易性,是指指標的取得、整理、計算具有一定的可操作性,人力物力不至于耗費太多;科學性,是指標的選取、匯總有一定的科學依據,綜閤評價結果具有一定的說服力,令人信服。

基于以上指導思想,確定從五個方面進行評價,即反映企業當前規模的指標(勘察設計單位人員結構、固定資產),反映企業經營情況的指標(完成任務情況),反映企業經濟效益的指標(單位收入),反映企業技術實力和水平的指標(獲獎情況)。

三、指標解釋:

1、勘察設計單位人員狀況:指所有勘察生產人員、設計生產人員和專職科學研究人員,管理部門的技術人員等在編人數。分高級職稱、中級職稱、初級職稱占全部技術人員總數的百分比。

2、收入情況:指由國家撥給的事業費,承擔可行性研究、勘察、設計等任務所收的費用及其它收入。

3、固定資產:是指生產性固定資產原值和生產性固定資產原值中的電子計算機原值分別列出考評。

4、完成投資額(完成勘察任務量):是指工程勘察單位全年完成的工程測量、勘察的面積和進尺,設計單位全年完成的工程項目初步設計、施工圖,按規定計算的工程投資額。

5、獲獎項目:是指創優項目、創國家級、省、部級優秀勘察、優秀設計、優秀科研、優秀標準設計、優秀計算機軟件等,以及獲得專利的項目。

1. the Target of Evaluation:

Any units, which bears Grade A certificates of engineering survey & design granted by the State Ministry of Construction, are entitled to participate the evaluation.

2. the Principle & Guidelines on evaluation:

1) Overall investigation, and comprehensive evaluation. The nature of survey & design units is to provide technical services to basic construction and technology transformation of the enterprises, thus they are considered as hitech type enterprises belonging to third industry. Therefore, the evaluation on the survey & design units must be focused on its technical strength, technical level and comprehensive capability.

2) To integrate absolute index with comparative index. Investigating the overall development level & scale of the survey & design units by applying absolute index, while assessing the economic benefits level of the survey & design units by using comparative index.

3) To combine simplicity with scientific nature. The simplicity refers to the certain method of operation applied to acquiring, sorting out and computing index without consuming much manpower and material resources, while its scientific nature points to the selection and gathering of index supported by scientific basis, thus enables comprehensive evaluation more convincing. Based on the above-mentioned guidelines, the evaluation should be conducted through five aspects as follows: the index reflecting the present scale of the enterprise(the personnel structure, fixed assets of the survey & design units) , the index reporting the operating situation of the enterprise(projects completed), the index of economic benefits, and the index demonstrating the technical strength and the level of the enterprise.

3. the Explanation of the Evaluation:

1) The personnel situation of the survey & design units refers to those permanent staff in the field of survey & design, scientific research and management, etc., and the percentage of various title holders of the total technicians.

2) The income status refers to the operating expenses allocated by the State, and the incomes obtained by undertaking feasibility study, survey & design tasks, etc.

3) The fixed assets refers to the original value of productive fixed assets and the electronic computer value of the original value proportion of the productive fixed assets.

4) The investment quota accomplished(the surveying work volume completed) refers to annual engineering mapping & surveying projects completed by the engineering units, etc.

5) The awarded projects refers to the engineering projects rewarded national, ministerial and provincial level excellent engineering prizes in the field of survey & design, scientific research, standard design, computer softwares as well as patent winning projects.

Evaluation Scheme of Top

100 Survey & Design

Units in

terms of Comprehensive

Strength in 1992

1992年度中國勘察設計單位綜合實力百強

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- 1 冶金工業部北京鋼鐵設計研究總院
- 2 中國兵器工業第五設計研究院
(含中國兵器工業勘察研究院)
- 3 電力工業部西北電力設計院
- 4 中國成達化學工程公司
- 5 中國電子工程設計院
- 6 核工業第二研究設計院
- 7 北京市建築設計研究院
- 8 中國石化北京設計院
- 9 中國航空工業規劃設計研究院
- 10 北京有色冶金設計研究總院
- 11 中國寰球化學工程公司
- 12 冶金工業部重慶鋼鐵設計研究院
- 13 中國建築東北設計研究院
- 14 華北電力設計院
- 15 中國石化洛陽石油化工工程公司
- 16 中國五環化學工程公司
- 17 電力工業部東北電力設計院
- 18 冶金工業部武漢鋼鐵設計研究院
- 19 中國石化北京石油化工工程公司
- 20 電力工業部中南電力設計院
- 21 機械工業部設計研究院
- 22 電力工業部水利部成都勘测設計研究院
- 23 華東建築設計院
- 24 上海市民用建築設計院

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- 25 電力工業部長江電力設計院
- 26 中國機械工程公司
- 27 鐵道部第一勘测設計院
- 28 冶金工業部鞍山耐火材料設計院
- 29 水利部長江水利委員會
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- 37 中國建築西南設計研究院
- 38 大連城市建設設計研究院
- 39 鐵道部第五勘测設計院
- 40 輕工業部制糖設計院
- 41 國家建築材料工業局天津水泥工業設計院
- 42 廣東省建築設計院
- 43 中國建築西北設計研究院
- 44 中國有色金屬工業長沙勘察院
- 45 化學工業部第一勘察設計院
- 46 冶金工業部武漢勘察研究院
- 47 電力工業部水利部中南勘测設計研究院
- 48 中國兵器工業第六設計研究院
- 49 中廣建築設計院

1992年度中國勘察設計單位綜合實力百強

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- 50 機械工業部第四設計研究院
- 51 首鋼勘察研究總院
- 52 電力工業部水利部華東勘測設計研究院
- 53 浙江省建築設計研究院
- 54 廣州市市政工程設計研究院
- 55 深圳市工程地質勘察公司
- 56 建設部綜合勘察研究院
- 57 中國有色金屬工業西安勘察院
- 58 冶金工業部沈陽勘察研究院
- 59 電力工業部水利部昆明勘測設計研究院
- 60 鐵道部第二勘測設計院
- 61 廣東省電力勘測設計院
- 62 廣州市建築設計院
- 63 北京市市政設計研究院
- 64 天津市建築設計院
(含天津市勘察院)
- 65 輕工業部上海輕工業設計院
- 66 遼河石油勘探局勘察設計研究院
- 67 機械工業部第二設計研究院
- 68 山東省電力設計院
- 69 上海核工程研究設計院
- 70 中國航天建築設計研究院
- 71 中國石油化工蘭州設計院
- 72 河北省電力設計院
- 73 機械工業部第五設計研究院
- 74 水利部電力工業部天津勘測設計研究院

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- 75 冶金工業部鞍山黑色金屬華山設計研究院
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- 77 中國船舶工業總公司第九設計研究院
- 78 機械工業部第七設計研究院
- 79 上海勘察院
- 80 水利部黃河委員會勘測規劃設計研究院
- 81 煤炭工業部兗州煤礦設計研究院
- 82 機械工業部第六設計研究院
- 83 太原煤炭設計研究院
- 84 北京市勘察院
- 85 機械工業部勘察研究院
- 86 交通部第一航務工程勘察設計院
- 87 武漢市建築設計院
- 88 沈陽煤炭設計研究院
- 89 吉林化學工業公司設計院
- 90 沈陽鉛鋅設計研究院
- 91 化學工業部第六設計院
- 92 紡織工業部設計院
- 93 機械工業部第九設計研究院
- 94 交通部第三航務工程勘察設計院
- 95 福建省水利水電勘測設計研究院
- 96 郵電部設計院
- 97 交通部第一公路勘察設計院
- 98 電力工業部水利部北京勘測設計研究院
- 99 北京煤炭設計研究院
- 100 黑龍江省林業設計研究院

冶金工業部北京鋼鐵設計研究總院



院長、教授級高級工程師：王定武
The Director (senior engineer) Wang Dingwu



該院現有職工 1881 人，其中具有高級技術職稱的 562 人，中級技術職稱的 691 人。設有煉鐵、煉鋼、鑄合金、軋鋼、製造廠、冶金設備、機械化運輸、工業爐、電力、計算機、自動化、電訊、燃氣、熱力、給排水、采暖通風、總圖運輸、土建、技術經濟、工程經濟、環保等 25 個設計研究室和電氣傳動所及液壓研究室。

建院四十多年來，該院為國內外 300 多個企事業單位承擔了工程諮詢、設計、設備承包等多種技術服務，包括 135 個大中型鋼鐵企業、15 個特殊鋼廠、26 個鑄合金廠以及 125 個其他企事業單位，設計的工程投資總額超過 250 億元。

該院發揮技術先導作用，設計了我國第一座氧氣頂吹轉爐車間、第一臺連鑄機、第一座高爐噴吹煤粉裝置、第一座 3/4 連續式熱軋帶鋼車間、第一座車輪輪箍廠等。在現代化高爐、方坯連鑄、超高功率煉鋼電爐及爐外精煉、鑄合金電爐、中厚板、熱軋帶鋼、棒线材、離心球墨鑄管、工業爐、干式煤氣櫃、計算機過程控制、環境評價等方面形成了技術優勢和特長。高速线材軋機、水方坯連鑄機、煉鋼電爐、鑄合金電爐、高爐噴吹煤粉等當代先進技術、設備已出口國外。

1992 年，經貿部授予該院對外經營權，包括向國外提供勘察、設計、諮詢、施工監理；為工程項目出口設備材料；向境外派遣技術勞務人員以及在境外開辦各類企業等。

該院獲國家優秀工程設計 10 項，部（省、市）級優秀工程設計 39 項。共完成科技開發項目 573 項，其中獲國家發明獎 9 項，國家科技進步獎 31 項，部（省、市）級科技成果獎 149 項，獲專利權 17 項。

Beijing Iron & Steel Designing & Research Institute

the Ministry of Metallurgical Industry

The Institute owns a staff of 1881 people which includes 562 persons with senior technical title and 619 persons with intermediate technical title. It has 25 designing and research labs in the fields of iron—smelting, steel—smelting, ferroalloy, steel rolling, manufacturing factory, metallurgical equipment, mechanized transportation, industrial furnace, electric power, computer, automation, telecommunications, gas, heating power, water supply & drainage, heating & ventilation, general transportation, civil construction, technical economy, engineering economy and environmental protection and also a electrical transmission research institute and a hydraulic research institute. For 40—odd years since its founding, the Institute has undertaken various kinds of technical services such as engineering consultation, designing & equipment contracting for more than 300 enterprises and institutions (both at home and abroad) including 135 large and medium sized iron & steel enterprises, 15 special steel works, 26 ferroalloy works and 125 other enterprises or institutions with the total amount of investment exceeding 25 billion yuan.

Playing the leading role in technology, the Institute has designed the first oxygen top—blown converter workshop, the first continuous casting machine, the first blast furnace coal fine sprinkling & blowing device, the first 304 continuous hot rolling strip steel shop, and the first wheel type factory in our country. It has formed technical superiority and speciality in modern blast furnace, continuous casting machine of square blank, superhigh power steel—smelting & out—furnace refining, ferroalloy electric furnace, medium thick steel plate, hot and cold rolling strip steel, cord wiring material, centrifugal modular cast iron, industrial furnace, dry style gas cupboard, computer—process control and environment evaluation, etc. Some of its modern advanced technology and equipment, such as high—speed wiring material rolling machine, hydroblast continuous casting machine, steel—smelting electric furnace, ferroalloy electric furnace, blast furnace coal fine sprinkling & blowing, etc., have been exported abroad.

In May 1992, the Institute was authorized by the Ministry of Foreign Economic Relations and Trade to practice overseas business which includes the right to offer services in prospecting, designing, consultancy, and construction supervision towards overseas countries; to export equipment and material

for engineering projects; to dispatch technical staff abroad; to set up all kinds of enterprises in foreign countries.

The Institute has won 10 national quality design prizes and 39 provincial quality design prizes. It has completed 573 scientific development projects, which includes 9 national invention prizes, 31 national science & technology progress prizes, 149 ministerial or provincial level scientific achievement prizes and 17 patent rights.

- 1) 北京鋼鐵設計研究總院主辦公樓
- 2) 唐山鋼鐵公司1260立方米高爐
- 3) 大連無縫鋼管總廠全景
- 4) 上海第三鋼鐵廠3300毫米厚板車間
- 5) 北京市急救中心

- 1) The Main Office Building of the Institute
- 2) 1260—cubic meter blast furnace in Tangshan Iron & Steel Company
- 3) The full view of Dalian Seamless Tube General Plant
- 4) 3300—millimeter thick plate shop in Shanghai No.3 Iron & Steel Mill
- 5) Beijing Emergency Center



中國兵器工業第五設計研究院

該院創建於1953年，是甲級綜合性設計研究院。該院設有化工、火工、機械、光學、電子等工藝和城鎮規劃、總圖運輸、建築、結構、電信、自控、設備、工程經濟等幾十個專業。技術力量雄厚，現有工程技術人員1132人，其中有國家設計大師1人，國家首批批準的監理工程師2人，有研究員級高級工程師39人，高級工程師395人，工程師610人。建院以來，在國內完成了上千個大、中型軍工與民用工程建設項目的設計，在國外與54個國家和地區開展了廣泛的技術交往，承擔了16個國家60多個工程建設項目的設計及施工指導等工作。

改革開放十多年來，該院先后在民用化工、機械、光學、電子、輕工、建材、卷烟、食品、飲料和高層建築、賓館、飯店、文教、體育、衛生設施、居住小區、市政工程等行業完成了幾百項工程的设计、規劃、技術開發、項目評估和環境影響評價等任務，形成了一支能軍能民的工程設計隊伍。此外，該院還擁有抗爆防暴、抗震防震、防靜電及靜電利用、防火滅火、電磁屏蔽、感應加熱、環境試驗等專項設計技術和獲得多項國家獎的計算機軟件。

近十多年來，該院共獲得國家級、部省級153項發明獎、科技進步獎和優秀設計獎。1992年，國務院對外經濟貿易部批准該院享有對外經營權。



院長：程松光
The Director: Cheng Songguang

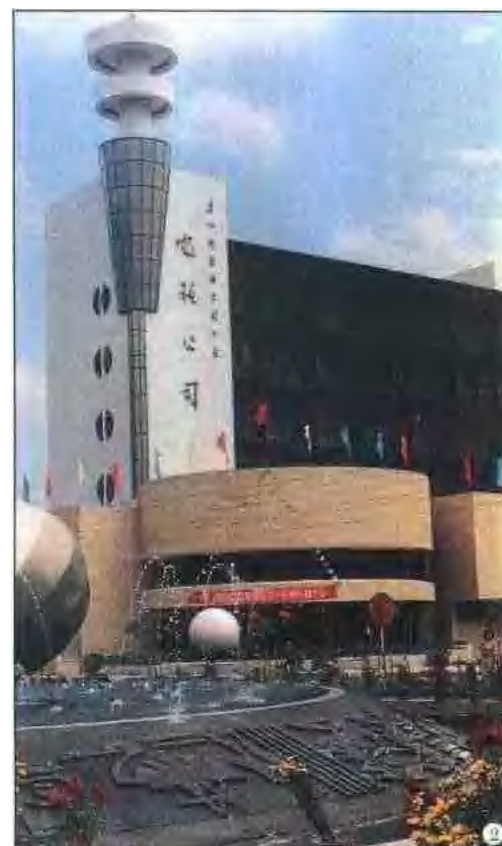
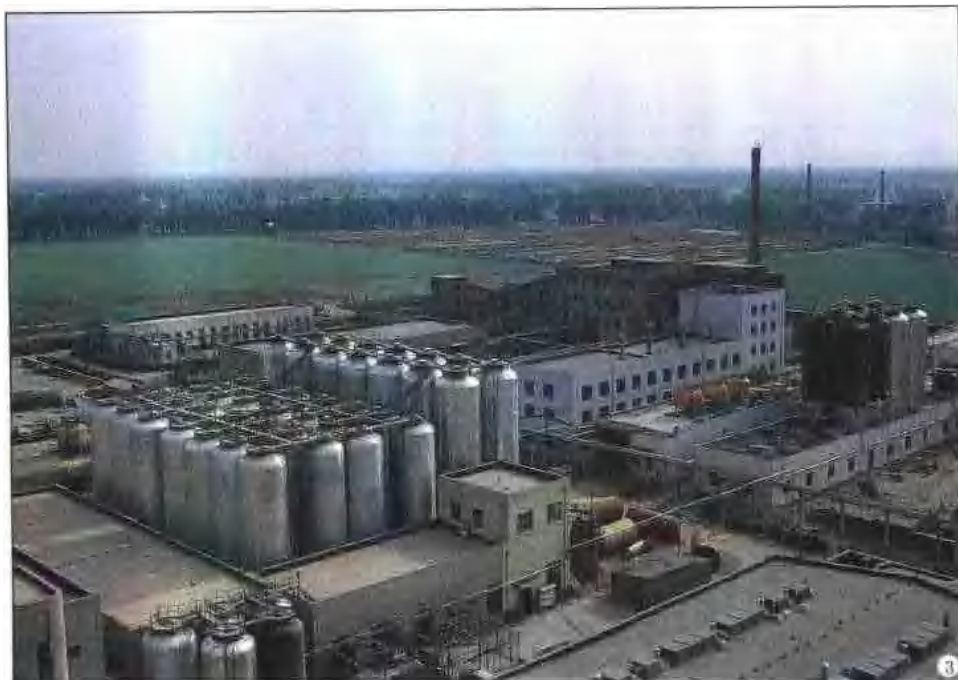


- 1) 院辦公樓
- 2) 廣州開發區郵電中心
- 3) 北京三環啤酒廠全景
- 4) 北方公司軍事外貿展覽中心
- 5) 吳淞化工廠全景

- 1) The Office Building of the Institute
- 2) The Post & Telegraph Center of Guangzhou Development Zone
- 3) The full view of Beijing Three Ring Brewery
- 4) The Military Foreign Trade Exhibition Center of Beifang Corp
- 5) The full view of Wusong Chemical Industry Plant

No.5 Designing & Research Institute of China Ordnance Industry

Established in 1953, it is a large sized Grade A comprehensive designing & research institute. The institute is well-staffed with 1132 engineering personnel including one national level design master, 2 supervising engineers, 39 senior engineers at research fellow level, 395 senior engineers and 610 engineers, with over dozens of specialities available such as chemical industry, ordnance, machinery, optics, electronics, urban & rural planning, general layout & transportation, building, structure, telecommunication, automation, equipment and engineering economy, etc. Since its founding, the Institute has completed over thousands of large and medium sized military and civil engineering projects designs at home; developed extensive technical exchanges with 54 foreign countries and regions and contracted over 60 designing & construction projects in 16 foreign countries. Since China's reform and open-door policy came into existence, the institute has completed the designing, planning, technical development, project evaluation and environmental influence evaluation of hundreds of projects including civil chemical industry, machinery, optics, electronics, light industry, building materials, cigarette, foodstuff, beverage, high buildings, hotels, facilities for health, culture, education and sports, living quarters, municipal engineering, etc. In addition, the Institute is in possess of designing techniques of antiknock & explosion-proof, antiseismic & vibration-proof, electrostatic-proof and use of static electricity, fire prevention and fire-extinguishing, electromagnetic shielding, induction heating and environmental experiment, etc.; and the computer software which won the Institute many national prizes. In recent ten-odd years, the Institute has won 153 prizes of invention, science & technology progress and excellent designing at national and ministerial levels. In 1992, the Institute was authorized by the Ministry of Foreign Economic Relation and Trade to practise overseas business.



中國兵器工業勘察研究院

該院創建於1952年，是國家甲級勘察單位。技術力量雄厚，現有勘察大師2名，教授級高工10名，高級工程師60名，專業工程師86名。

該院主要業務範圍包括工程測繪、地下管網測量；工程地質、水文地質勘察與諮詢；工程物探、測樁及水、土的物理實驗與化學分析；岩土工程勘察、設計、施工及監測；各種直徑灌注樁施工及其他各種類型基礎樁、護坡樁施工及軟弱地基加固與處理；降水、洞室防漏及屋面防水；勘察儀器設備、機具維修與加工等。

建院四十年來，該院除承擔兵器工業系統大型複雜工程外，還承擔了鐵路、公路、石化、輕紡、水利水電等系統的勘察任務，以及大量城市道路、橋梁、住宅等市政工程的勘察任務。其中較有影響的工程有北京京城大廈、東便門立交橋、廣安門立交橋、廈門閩南大廈、石景山體育館等工程地質勘察；唐山市、內蒙古包頭市等城市規劃測量；燕山石化地下管網測量；山西太原蘭村、河南濟源地區等水資源評價及大口徑鑿井工程；北京東方藝術大廈沉降及傾斜觀測；北京首都機場地下洞庫加固防漏處理等。

該院獲得國家金質獎章1枚，銀質獎章5枚，部級優秀工程項目19項。1992年被建設部評為全國工程勘察先進單位。



Set up in 1952, it is a national Grade A surveying unit well-staffed with one national—level surveying master, 10 professor—level senior engineers, 60 senior engineers and 86 engineers. Its main business line includes: engineering mapping, underground pipe network measuring; engineering geology, surveying and consultancy of hydrogeology; engineering surveying, pile measuring and

China Ordnance Industry Survey & Research Institute



院长：尤大鑫
The Director You Daxin



physical experiment & chemical analysis of water & earth; rock & earth project surveying, designing, construction and its monitoring, pile concreting construction of various diameters and other various types of base pile and bank protection pile construction, soft foundation bracing and treatment, repair & processing of surveying equipments, etc. In the past 40 years, the Institute, apart from undertaking large sized complicated projects of organizations affiliated to ordnance industry, has contracted surveying task for organizations affiliated to railway, roads, petrochemical, light textile industry, hydroconservancy & hydropower; and for municipal works of city roads & bridges, houses, etc. Some of its influential surveying projects are: Beijing Jingcheng Mansion, Dong Bianmen Gallop Bridge, Guang Anmen Gallop Bridge, Xiamen Mingnan Mansion and Beijing Shi Jinshan Gymnasium; the municipal planning & measuring projects of Tangshan City and Baotou City of Inner-Mongolia, the underground pipe network measuring project; the water resource evaluation & large aperture well digging projects of Taiyuan Lancun Village of Shanxi Province and Jiyuan Region of Henan Province; the observation & surveying of settling and inclination of Beijing Oriental Art Building; the bracing and leakage-proof treatment of underground cave & storehouse of Beijing Capital Airport. The Institute was awarded one national gold medal and 5 silver medals; 19 of its projects were rated as the excellent projects at ministerial level. In 1992, it was honored as the ONational Advanced Unit of Engineering Surveying by the Ministry of Construction.



- 1) 北京第一幢超高层建築——京城大厦工程地質勘察及正在進行的沉降觀測
- 2) 黄河水上鑽探
- 3) 滑坡治理——抗滑樁工程
- 4) 首都機場高速公路林蔭路鑽孔灌注樁工程
- 5) 數字彩色分析儀

- 1) The first ultra-high building of Beijing—Jingcheng Mansion is undergoing engineering surveying and settling observation
- 2) The hydrodrilling over Huanghe River
- 3) The landslide treatment—anti-slip pile engineering
- 4) The bore hole concreting pile engineering along the highway leading to the Beijing Capital Airport
- 5) The digital color analytical instrument



電力工業部西北電力設計院

Northwest Electric Power Designing Institute

of the Ministry of Electric

Power Industry



山東鄒縣電廠

5



該院成立於1956年，是我國具有60萬千瓦火電機組設計資格的甲級設計院。該院現有職工1700多人，其中高級工程師300多人，工程師500多人。

該院擅長各種類型、容量的火力發電和各種電壓的輸變電工程勘測設計；電力系統規劃及設計；計算機控制系統及多種自動裝置設計；環境保護工程測試、評價及設計；調度通訊工程設計；各種工業及民用建築；水文地質、工程地質、工程質量、砂土液化試驗、航測技術等。該院設計的300MW及以上機組已達30臺以上，已投產的機組均能安全滿發，1990年該院榮獲能源部電力企業質量管理獎；1992年榮獲陝西省勘察設計單位先進集體稱號。

30多年來，該院先後承擔過西北、西南、華東、華北等地區一些省市的發電、輸電、變電工程設計。其中先後有戶縣電廠、黃島電廠、秦嶺電廠、鄒縣電廠、辛店電廠（二期）和石橫電廠（二期）等輸變電工程勘測設計，分別獲得國家優秀設計獎、部級優秀設計獎和國家優質工程獎。在工程設計中，該院積極進行卓有成效的科學試驗，有100多項榮獲部級以上科技成果獎。



- 1) 中共中央江澤民總書記視察西北電力設計院設計的人橋電廠
- 2) 上海大連熱電廠六期工程(2×300MW)，由華銀行貸款項目，已建成投產
- 3) 石橫電廠(2×300MW)，系引進國外先進技術，1991年榮獲國家重大技術設備特等獎
- 4) 聳立在青海高原的330KV輸電鐵塔
- 5) 山東鄒縣電廠夜景
- 6) 劉家峽水電站的出線鐵塔

第 3 名

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