

Zen Korea Steel Co., Ltd

Company Profile

Qualification Statement

**P
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Various Ferro alloy, Nickel, Cobalt, Zinc, Zinc dust,
Rare metals palladium and iridium extraction, Slag
roughing for steelmaking and various deoxidizing
materials.



ZEN KOREA STEEL

We hope for the development of your company.

First of all, we would like to thank you for establishing a relationship with our company.

In March 2022, we established "Zen Korea Steel Co., Ltd. " in order to challenge ourselves as a leader in the development of not only our company, but also the local community and national industry by maintaining and developing "recycling of waste resources", which is the basis for the next generation of advanced business, based on the corporate philosophy of valuing the value of customers.

Zen Korea Steel Co., Ltd. Aims to develop into an ultra-premium company in the 21st century with "New renewable energy" and "Recycling of waste materials" as its top priorities.

CEO

Yu Hyun Chul



02 Company History



2022.03

Established Zen Korea Steel Co., Ltd.

2022.06

Patenting a waste wire pyrolysis device (Patent No.10-2267471)
Quality management system certification (ISO 9001 Certification)

2022.07

Registration of Zen Korea Steel Co., Ltd. Factory
Patenting a smelter for steelmaking (Patent No.10-2424934)

2023.01

Environmental management system certification (ISO 14001:2015)
Health and safety management system certification (ISO 45001:2018)

2023.02

Establishment of a dedicated R&D department certification (Korea Indu

2023.09

Expanded zinc powder manufacturing facility and filed related patent a

2023.10

Secondary Battery Materials Recycling Facility Expansion
(Nickel, Tin, Cobalt, Lithium, Tungsten, and Platinum)

2023.11

Construction of Zinc Malt Production Facility
Started platinum group separation recovery testing

Zen Korea Steel is a clean company that produces high-quality finished products that recycle sludge through its own technology and is environmentally conscious.

Company Motto

Legitimate, Orthocore, Orthopraxis

Managerial Objective

- A company that thinks about customers 23 hours a day
- Best quality management
- Maximum responsibility management
- Best after-sales service

We will always strive to be a company that satisfies our customers.



Zen Korea Steel Co., Ltd

- CEO : Yu Hyun Chul
- Established Date : March 2022
- Head Office Address : 89, Hwasan-ro, Onsan-eup, Ulju-gun, Ulsan, Korea
- Telephone : 010-9001-1090

Equipment Holdings

Item	Unit	Qty.	Power	Electric capacity	Note
Electric induction furnace		1	1 Ton (1 Source 2 Body)	850 KVA	
DC Electric arc furnace		2	-	630 KVA	
Rotary furnace		1	5 Ton	-	
Thermit		1	-	-	
Mix	Set	1	500kg at a time	-	
Electronic scale	Set	1	16 M	-	

New Equipment

Item	Unit	Qty.	Power	Electric capacity	Note
Electric induction furnace		1	3 Ton, 5 Ton (2 Source 2 Body)	2000 KVA	
DC Electric arc furnace		1	3 phase electrode, 2 tons	2000 KVA	actual capacity 3000KVA
Continuous casting installation		1	-	-	
Zinc dust production equipment		1		200 KVA	

04 Status of Certificate Retention



사업자등록증 (법인사업자)

등록번호 : 134-88-02366

법인명 (단체명) : (주)켄코리아스틸
대표자 : 유현철

개업연월일 : 2022년 03월 01일 법인등록번호 : 110111-8208294
사업장소재지 : 울산광역시 울주군 온산읍 화산로 89

본점소재지 : 울산광역시 울주군 온산읍 화산로 89

사업의종류 : **업태** 제조업 **종목** 광물, 분쇄 및 파쇄 금속광물 도매업
 제조업 1차 비철금속 제조업
 제조업 비철금속 제련, 정련 및 합금철 제조업
 제조업 구조용 금속제품 제조업
 전기업 태양력 발전업
 도소매 비철금속
 도소매 무역업

발급사유 : 정정



사업자 단위 과세 적용사업자 여부 : 여() 부(V)
전자세금계산서 전용 전자우편주소 :

2022년 07월 08일

울산세무서장 







공장등록증명(신청서)

(영축)

※ 바탕색이 어두운 난은 신청인이 적지 않으며, []에는 해당되는 곳에 v표를 합니다.

접수번호	접수일	처리기간	즉시
회사명 (주)켄코리아스틸		전화번호 055-375-0053	
신청인 대표자 성명 유현철		생년월일(법인등록번호) 110111-8208294	
대표자 주소(법인소재지) 서울특별시 강남구 강남대로92길 31, 6층 6247호 (역삼동)			
공장소재지		단지역:온산국가산업단지자목	보유구분
도로명 : 울산광역시 울주군 온산읍 화산로 89, 지번 : 울산광역시 울주군 온산읍 원산리 1221-1, 1216		공장용지	자가 [V] 임대 []
공장 등록일 2022-07-15	사업 시작일 2022-05-21	종업원 수 남 : 20	여 : 2
공장의 업종(분류번호) 육상 금속 골조 구조재 제조업 외 3종 (25113, 24219, 29199, 35114)			
공장 부지 면적 14,822.4 m ²	제조시설 면적 3,146.85 m ²	부대시설 면적 4,109.39 m ²	
등록 조건			
등록변경·증설등 기재사항 변경내용(변경 날짜 및 내용)		공장관리번호 : 317102022820146	
「산업집적활성화 및 공장설립에 관한 법률 시행규칙」 제12조의3에 따라 위와 같이 공장등록증명서를 신청합니다. 2023년 02월 01일			
한국산업단지공단 이사장 귀하		신청인 (주)켄코리아스틸 (서명 또는 인)	
첨부서류 없음	수수료		원
처리 절차			
신청서 작성 신청인	접수 처리기관	등록 여부 확인 처리기관	결제 처리기관
			공장등록 증명서 발급 처리기관
			통보 처리기관
「산업집적활성화 및 공장설립에 관한 법률」 제16조제1항·제2항·제3항에 따라 위와 같이 등록인 공장임을 증명합니다. 2023년 02월 01일			
한국산업단지공단 이사장			
210mm×297mm(백상지 80g/m ²)		김성운 / 02월01일 09:39	

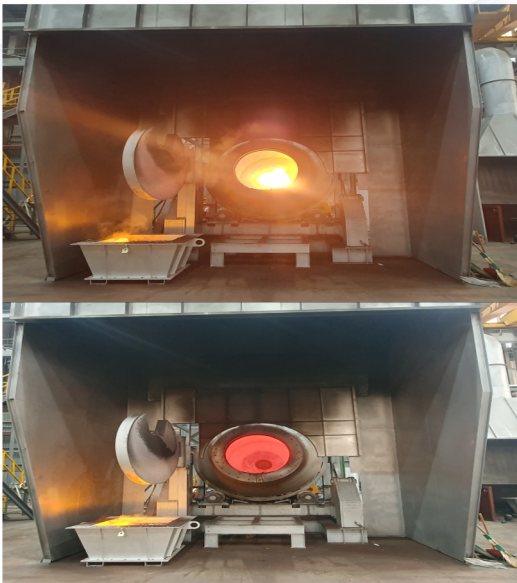
&Patent Certificate



DC arc 0.5 Ton x 2



**1 Ton Electric arc furnace
(1 Source 2 Body)**



Rotary furnace



Microwave melting furnace

05 Status of Equipment

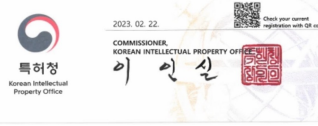
& Patent



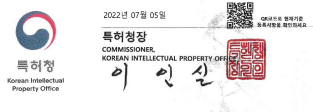
위의 발명은 「특허법」에 따라 특허원부에 등록되었음을 증명합니다.
This is to certify that, in accordance with the Patent Act, a patent for the invention has been registered at the Korean Intellectual Property Office.



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위의 발명은 「특허법」에 따라 특허원부에 등록되었음을 증명합니다.
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05 Status of Equipment

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Patent Certificate

INSTITUTE OF GLOBAL CERTIFICATION

INSTITUTE OF GLOBAL CERTIFICATION



Management System Certification Body No. MSCB-105

품질경영시스템인증서

No. 22-A-4461 Rev. 0
(주)젠코리아스틸

울산광역시 울주군 온산읍 화산로 89
사업자등록번호: 134-88-02366

하기 규격에 따라 품질경영시스템이 적격하게 수립 및 유지됨을 확인함

ISO 9001:2015
인증범위
1차 비철금속 제조 & 비철 금속 제련 & 광물 분쇄 & 구조용 금속 제품 제조

IAF Code: 15, 17

본 인증서는 적합한 심사결과에 근거하여 발행되었으며, 인증서의 유효성은 정해진 주기에 따른 사후심사의 긍정적인 결과를 조건으로 유지 됨.
인증표준계약에 따라 상기 인증주체의 의무를 이행하지 않을 경우 인증서의 유효성은 무효가 될 수 있음.

발급 일자: 2022.06.28
만료 일자: 2023.06.27


Head of Certification Body

Rm. 501, Daeryong Techno town, 638, Seokseong-gil, Gyeongsan-gi, Seoul, Republic of Korea
www.igicert.org

INSTITUTE OF GLOBAL CERTIFICATION

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Management System Certification Body No. MSCB-105

환경경영시스템인증서

No. 23-C-2436 Rev. 0
(주)젠코리아스틸

울산광역시 울주군 온산읍 화산로 89
사업자등록번호: 134-88-02366

하기 규격에 따라 환경경영시스템이 적격하게 수립 및 유지됨을 확인함

ISO 14001:2015
인증범위
1차 비철금속 제조 & 비철 금속 제련 & 광물 분쇄 & 구조용 금속 제품 제조

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발급 일자: 2023.01.06
만료 일자: 2024.01.05


Head of Certification Body

Rm. 501, Daeryong Techno town, 638, Seokseong-gil, Gyeongsan-gi, Seoul, Republic of Korea
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Management System Certification Body No. MSCB-105

안전보건경영시스템인증서

No. 23-D-1173 Rev. 0
(주)젠코리아스틸

울산광역시 울주군 온산읍 화산로 89
사업자등록번호: 134-88-02366


하기 규격에 따라 안전보건경영시스템이 적격하게 수립 및 유지됨을 확인함

ISO 45001:2018
인증범위
1차 비철금속 제조 & 비철 금속 제련 & 광물 분쇄 & 구조용 금속 제품 제조

IAF Code: 15, 17

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발급 일자: 2023.01.06
만료 일자: 2024.01.05


Head of Certification Body

Rm. 501, Daeryong Techno town, 638, Seokseong-gil, Gyeongsan-gi, Seoul, Republic of Korea
www.igicert.org


SCI-2023-01-0019500


우수기술기업 인증서

주식회사 젠코리아스틸

사업자등록번호 : 134-88-02366
대표자명 : 유한철
기술영향 : 역동처리 및 용해공정을 통한 잉카이스 재현 기술
인증일자 : 2023.03.06
유효기간 : 2023.03.06 ~ 2024.03.05

위 기업을 기술사업역량 및 기술경쟁력이 우수한 기업으로 인증합니다.


SCI평가정보(주) 대표이사

 SCI평가정보

[홍사번호: gfnh-xrPh-xmqt-ulta] [발급일자: 2023년 02월 10일]


제 2023151116 호

연구개발전담부서 인정서

- 전담부서명: 연구개발전담부서
[소속기업명: (주)젠코리아스틸]
- 소재지: 울산광역시 울주군 온산읍 화산로 89
(주)젠코리아스틸
- 신고 연월일: 2023년 02월 10일

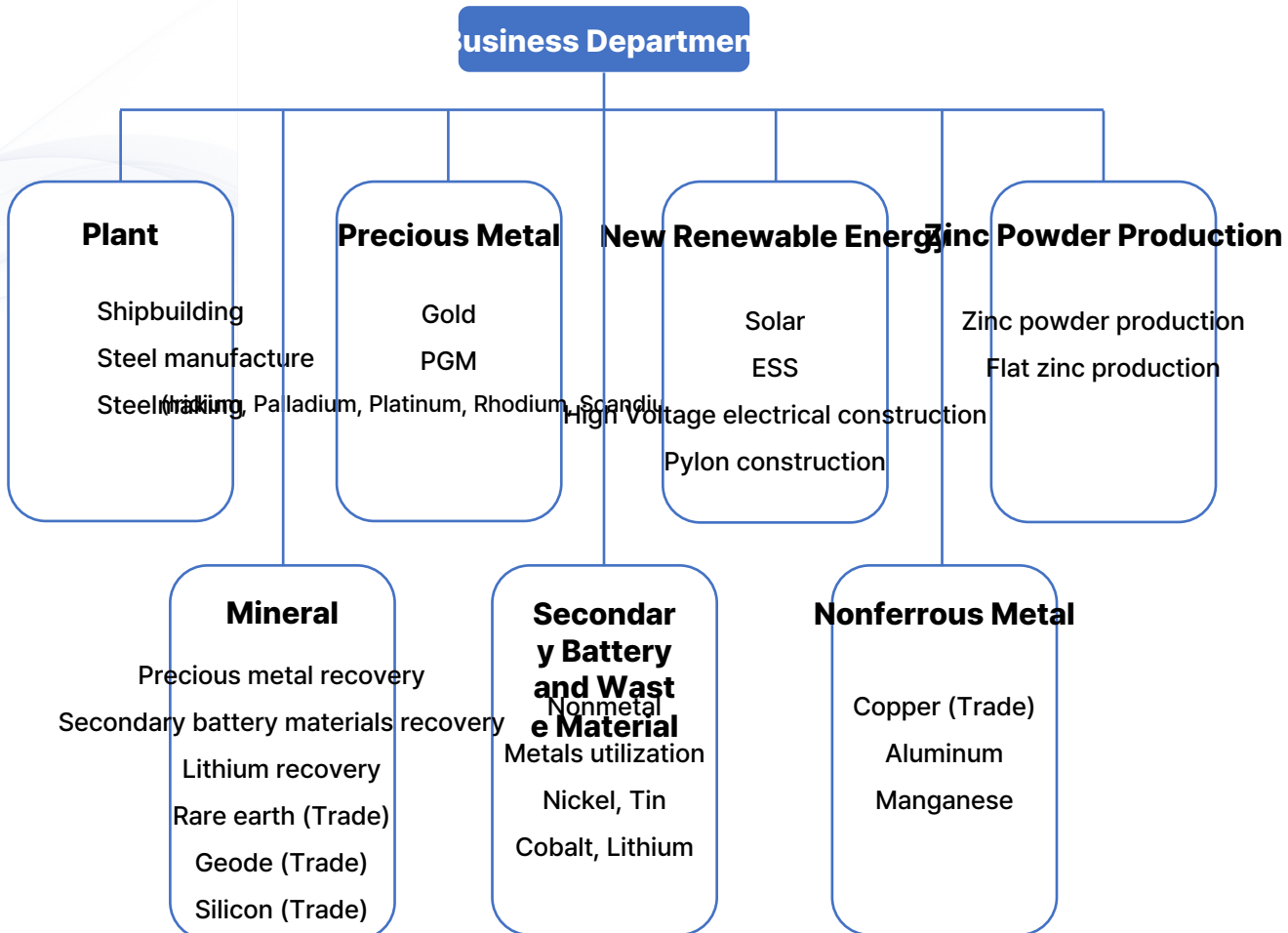
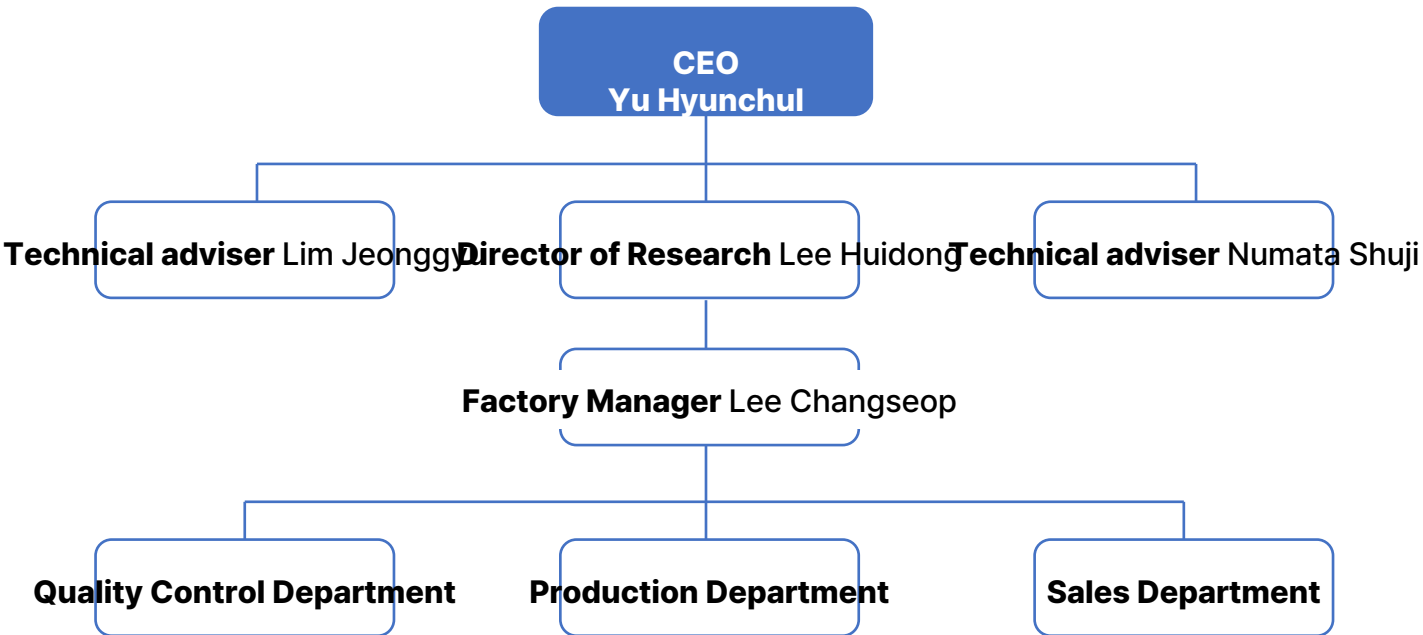
과학기술정보통신부

「기초연구진흥 및 기술개발지원에 관한 법률」 제14조의 2제1항 및 같은 법 시행령 제27조제1항에 따라 위와 같이 기업의 연구개발전담부서로 인정합니다.

2023년 2월 16일

한국산업기술진흥협회

* 본 인정서는 한국산업기술진흥협회가 발급한 것으로 "Korea Science & Technology Information Service"에서 인증서 번호를 입력하여 조회 가능합니다.

06 Organization

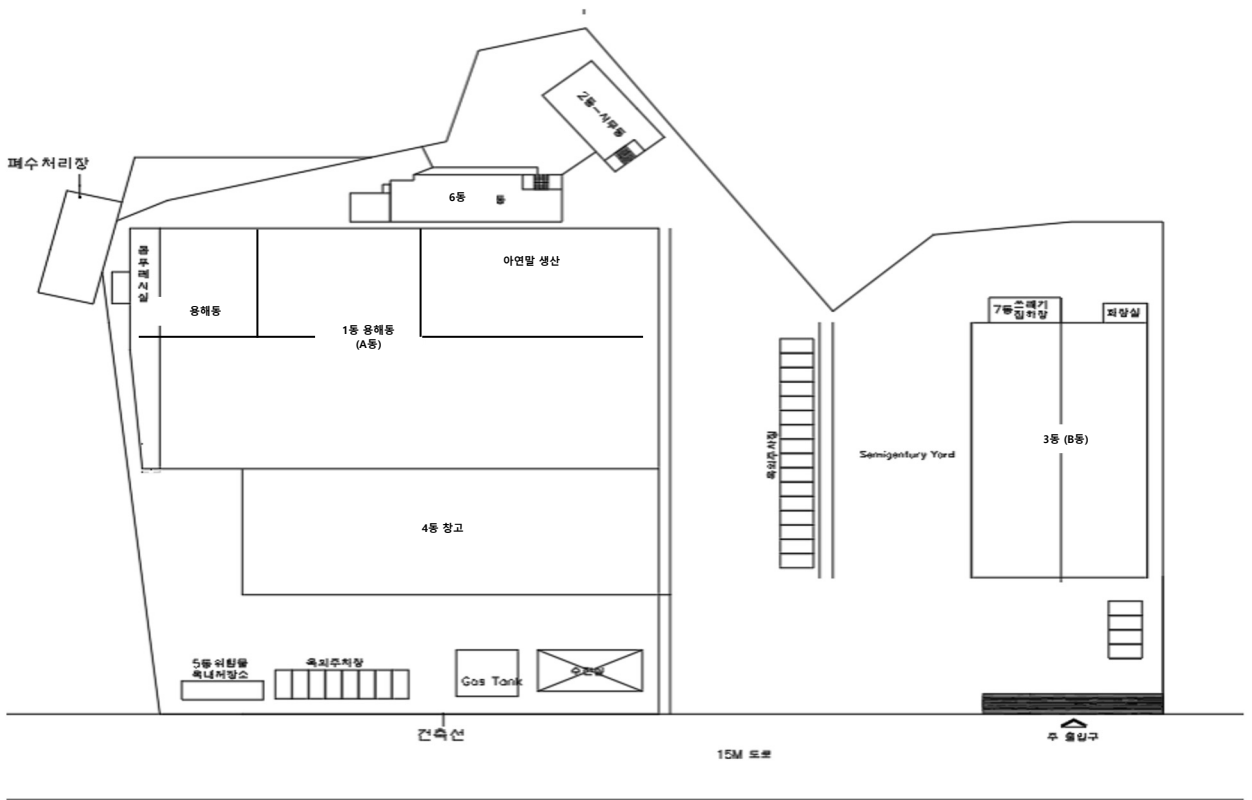


07 Status of Building



Block	Use	Structure	Building area (m ²)	Floor area (m ²)
A dong	Melting (Nickel, Zinc, Manganese) Zinc dust production	Steel framed	4,873.92	4,775.04
B dong	Metal assembly manufacturing, gemstone melting, Zinc, Nickel, Manganese production	Steel framed	1,451.26	1,396.41
C dong	Warehouse	Light-weight steel framed	61.8	61.8
D dong	Office	Steel framed; light-weight steel framed	142.86	248.7
E dong	Cafeteria, Office	Reinforced concrete	257.13	257.13
F dong	Garbage dump	Light-weight steel framed	47.52	47.52
G dong	Dangerous goods storage	Light-weight steel framed	61.8	61.8

07 Building Status Drawing





CEO Yu Hyunchul

- 1999 - Graduated from Gwangju Natural Science High School with a mechanical degree
- 2005 ~ 2007 - Worked at HDCS Co., Ltd. for melting business department
- 2009 ~ 2011 - Worked at Hamyang Steel Co., Ltd
- 2013 ~ current - Worked in Lasung Metal Co., Ltd. for refining business department (Technical advisor and Director)
- 2022 - Established Zen Korea Steel Co., Ltd.
- Founding Chairman of the 73rd Busan University business school CEO course
- Holding three patents (including patents related to steelmaking)
- CNC Shelf Certificate, HGV license, Cargo driving license, Forklift driving license, Excavator driving license, Crane driving license

08 Executives Background

Director of Research Lee Huidong



- 1990. 02 - Graduated from Pukyong National University, Department of Chemical Engineering
- 1994. 08 - Graduated from Pukyong National University (Master of Engineering)
- 2010. 02 - Graduated from Ulsan National University (Doctor of Engineering)
- 2004 ~ 2019 – CEO of TNC Co., Ltd.
- 2008. 04 – Outstanding Technologist Award
- 2010. 12 – Gold Award for Outstanding Businessman (Nam-gu, Ulsan)
- 2011. 05 – Outstanding SME Award (Minister of Knowledge Economy)
- 2012. 10 – Award for the best paper presented at an academic conference (Korean Society of Chemical Engineers)
- 2013. 12. Gold Award for SMEs (Ulsan Mayor)
- 2014. 07 – Awarded the Outstanding Presentation Paper Award (Korean Society of Materials)
- 2020. 01 ~ Current - CEO of UTC Co., Ltd.

	Content	Period
R&D Performan c	Served as general manager of a regional industrial common technology development project (research on the development of organic-inorganic nanocomposite antirust paint for ship underwater)	2006.10 ~.2008.07
	Served as the general manager of the 2nd year field-tailored technology development project(research on the development of nanocomposite materials for improving corrosion resistance of automobile bodies)	2007.02 ~ 2008. 02
	Served as general manager of the local technology innovation project (development of high-performance Zn pigments and anticorrosive paints)	2007. 07 ~ 2012. 06
	Implemented the ecological industrial complex earth reduction project (Creation of high value-added Flake Zinc Powder product using by-product zinc powder)	2009. 05 ~ 2010. 04
	Execution of the 4th year site-customized technology development project task	2013. 05 ~ 2015. 04



Technical Advisor Numata Shuji

Japan

- 1972. 03 - Graduated from the department of marine resources, faculty of oceanography, Donghae University
- 1973. 01 – Established Biomass energy research center

Possesses marine resource manganese nozzle recovery technology

Research ocean deep water, possesses seawater desalination technology by reverse osmosis membrane

- 1980. 04 – Established NRC Plant Co., Ltd.

Development and sales of anti-slumping materials for steelmaking from paper sludge

- 1990. 09 – Established Hazard Consultant Co., Ltd

Development and sales deoxidizer for steelmaking from aluminum dross

- 2011. 02 – Established Hazard

Development and sales deoxidizer for steelmaking from silicon sludge

Korea

- 2011. 04 – Technology partnership with Neotech Co., Ltd. And Nano Green
- LG Siltron silicon sludge resource utilization support
- Technology support for manufacturing anti-slumping materials for steelmaking from papermaking sludge
- 2015. 04 – DAR Co.,Ltd. Gimhae refractory brick and refractory paint manufacturing technology support
- 2020. 11 - BSK Material rare metal recovery technology support
- 2021. 11 – Technical advisor and director of research for Zen Korea Steel Co., Ltd.



Technical Advisor Lim Jeonggyu

- 1991. 02 – Graduated from Jeonbuk National University, Department of metallurgical engineering (B.S.)
- 1995. 03 – Tokyo University, department of metallurgy (Master of Engineering)
- 2010. 02 – Graduated from Ulsan National University (Master of Engineering)
- 1996 ~ 1999 – Researcher at Seahbesteel Co., Ltd.
- 2002 ~ 2008 – Researcher at Shinhan Valve Co., Ltd.
- 2008 ~ 2011 – Head of Quality/R&D team at Altisolar Co., Ltd.
- 2011 ~ 2015 – Head of new business development team at Dongbu Metal Co., Ltd.
- 2015 ~ 2023 – Director of Korsteel Tec Co., Ltd.
- Smelting technician (Iron Metallurgy)
- Metal materials technician 1st class
- Possesses steelmaking electric arc furnace (EAF), alloy steel arc furnace (SAF), and rare metal production and extraction technology




Address

89, Hwasan-ro, Onsan-eup, Ulju-gun,
Ulsan, Republic of Korea
Zip code : 44999



Contact

TEL. : 052-238-0151
FAX : 052-238-0155
E-MAIL : admin@zenkoreasteel.co.kr
WEB SITE: www.zenkoreasteel.co.kr



E. O. D

Thank you!



ZEN KOREA STEEL