



이화다이캐스팅
EHWA Diecasting

COMPANY PROFILE

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COMPANY OVERVIEW

Corporate Name	EHWA DIECASTING Inc.
CEO	Kensung Lee, Sewhan, Lee
Establishment	June 1, 1999 M&A with EHWA Industries (1986 ~ 1999)
Company Scale	Total plottage : 8,951 m ² Building area : 5,696 m ²
Main Products	Automotive parts, Appliance parts, Industrial parts
Address	98-31, Suworam 2-gil, Seotan-myeon, Pyeongtaek-si, Gyeonggi-do, Republic of Korea

VALUES, MISSIONS AND VISION

- **Values**

“Commitment,” “Confidence,” “Innovation.”

- **Missions**

“To focus on R&D with honor and sincerity.”

“To offer best values to customers, based on qualities and reliability.”

- **Vision**

“Through our Core Values, Missions and Vision, we continue to create the best value for global customers success by enhanced quality management and human resources development to pursue the world’s best die-casting manufacturer.”

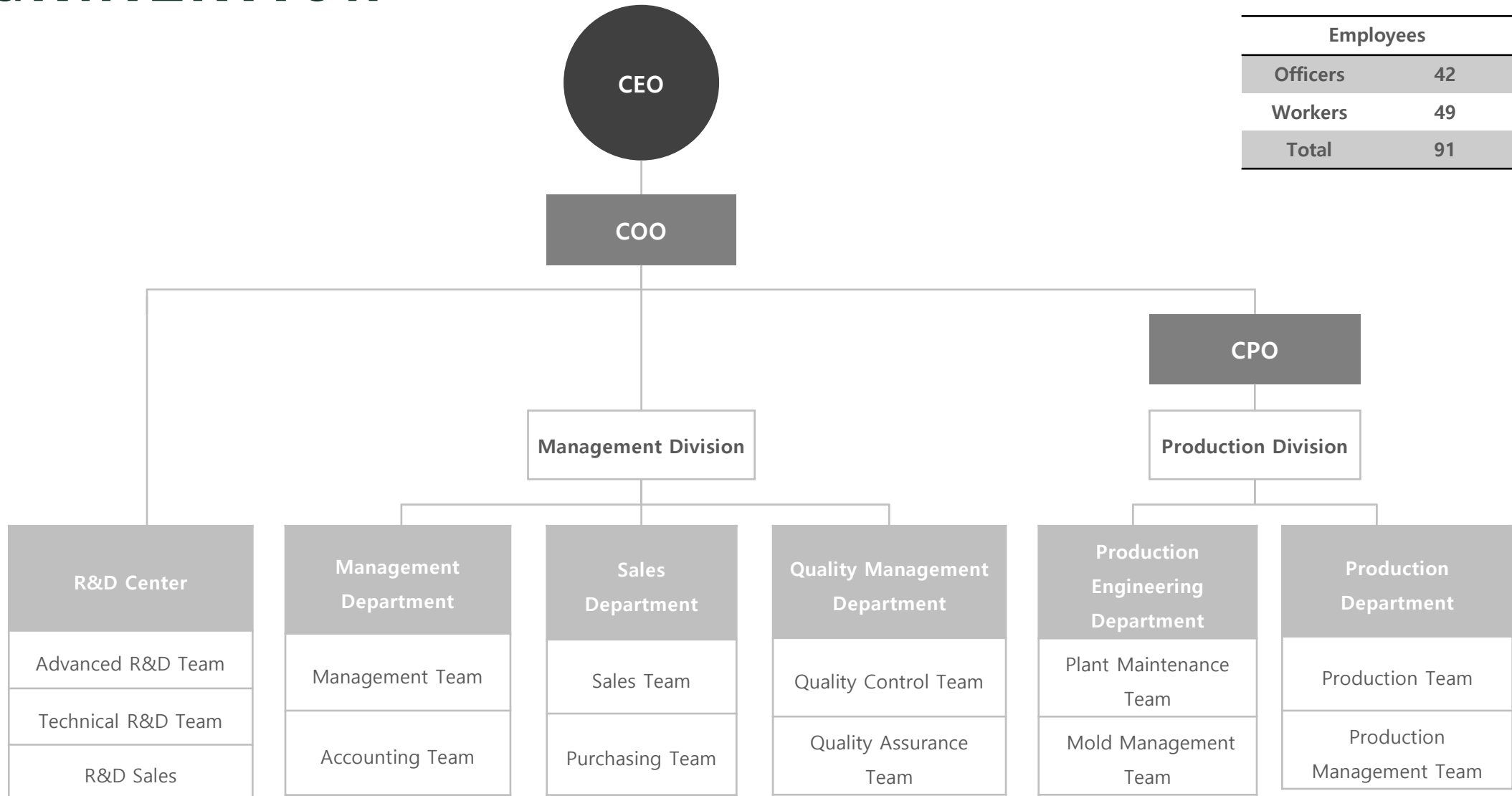
HISTORY

2023	Establishment of Pyeongtaek 2nd factory (processing) completion plan by 2024
2022	Confirmed establishment of plan to complete Cheonan factory and expansion plan for Large Machines (1,250t, 1,650t, 2,500t) by 2025
2021	Started R&D on Korea's first die-casting AI deep learning vision inspection
2018	Developed Regenerative Braking Housing for EV
2017	Developed Cooling parts for Hydrogen Vehicles for the first time in Korea
2017	Adopted MES System
2016	Achieved US\$ 16.4 million in revenue
2012	Developed High-Voltage Junction Block parts for EV
2011	Started exporting Valve Body for Gas Boiler (Time Asia) to Japan
2010	Initiated supplying Diecasting parts to LG Innotek (EPS Motor Housing)
2009	Initiated supplying Diecasting parts to Yura
2008	Developed High-Voltage Connector parts for Hyundai Motor Hybrid Vehicles (Yura)
2006	Established R&D Center Relocated to Poseung, Pyeongtaek
2003	Initiated supplying Wiper parts to Hyundai Motor (DY Auto)
1999	Launched EHWA DIECASTING Inc. (Hwaseong Factory) (M&A with EHWA Industries)
1987	Initiated supplying Diecasting parts to Daewoo Motors (Current GMK)
1986	Established EHWA Industries.

AWARDS & RECOGNITION

2018	Received "Best Delivery Supplier" from DY-AUTO
2017	Acquired IATF16949 Certification Received "Best Quality Supplier" from DY-AUTO
2015	Received "Best Quality Supplier" from TIME ASIA Received "Best Quality Supplier" from LG Innotek
2012	SQ MARK Certification Level-up (A Level) Selected as a "Best Quality Supplier" by SQ-MARK Received "Best Delivery Supplier" from DY-AUTO
2010	Began Exporting to Japan (TIME ASIA) Acquired ISO/TS 16949 Certification Received "Best Quality Supplier" from DY-AUTO
2007	Acquired SQ-MARK(HMC & KIA Motors) Certification Received "Best Cost Reduction Supplier" from DY-AUTO
2006	Established a R&D CENTER
2005	Received "Best R&D Supplier" from DY-AUTO
2004	Received ISO9001 certification for Quality Management System
1999	Established EHWA DIECASTING Inc.

ORGANIZATION



Employees	
Officers	42
Workers	49
Total	91

FACILITY AND CAPABILITIES

Production Facility

No.	EQUIPMENT(Production)	SPECIFICATION	QTY	MAKER
1	Die Casting Machine (Cold)	650 TON	1	TOSHIBA
2	Die Casting Machine (Cold)	530 TON	1	UBE
3	Die Casting Machine (Cold)	350 TON	8	TOSHIBA
4	Die Casting Machine (Cold)	250 TON	2	TOSHIBA
5	Die Casting Machine (Cold)	135 TON	5	TOSHIBA
6	Electric Melting Furnace	300~500kg	21	Dongwoo Roh-Tech.Co.,LTD.
7	Electric Immersion Holding & Melting Furnace	2,500~4,000kg	5	Dongwoo Roh-Tech.Co.,LTD.
8	Automatic Thermostat Controller	300LD	2	REGLOPLAS
9	Vacuum Unit	GV2000TPX	8	대기산업
10	Automatic Dilutor	YS-15FP-FS형	7	미강산업
11	Shot Blasting Machine (Apron type)	300kg	2	원진, 동양엔지니어링
12	Shot Blasting Machine (Hanger type)	500kg	1	한국쇼트기
13	Shot Blasting Machine (Conveyor type)	1000kg	1	동양엔지니어링
14	Barrelling Machine (Vibrating type)	200L	1	오주상사
15	BOX Washer (Air Type)	Washing	1	
		Total	65	

FACILITY AND CAPABILITIES

Mold Facility

No.	EQUIPMENT(Production)	SPECIFICATION	QTY	MAKER
1	Discharge Machine (방전기)	500CNC, 450M	1	대한 EDM
2	Grinding Machine (연마기)	WSG 2545	1	우진
3	General Lathe (범용선반)	TIPL-410	1	통일
4	Dedicated Machine (전용기)	-	2	에스엠코리아
5	Compressor (컴프레샤)	50~100HP	5	경원
6	Overhead Crane (천정크레인)	2.8 Ton	7	천공기술
7	Etc.		5	
		Total	22	

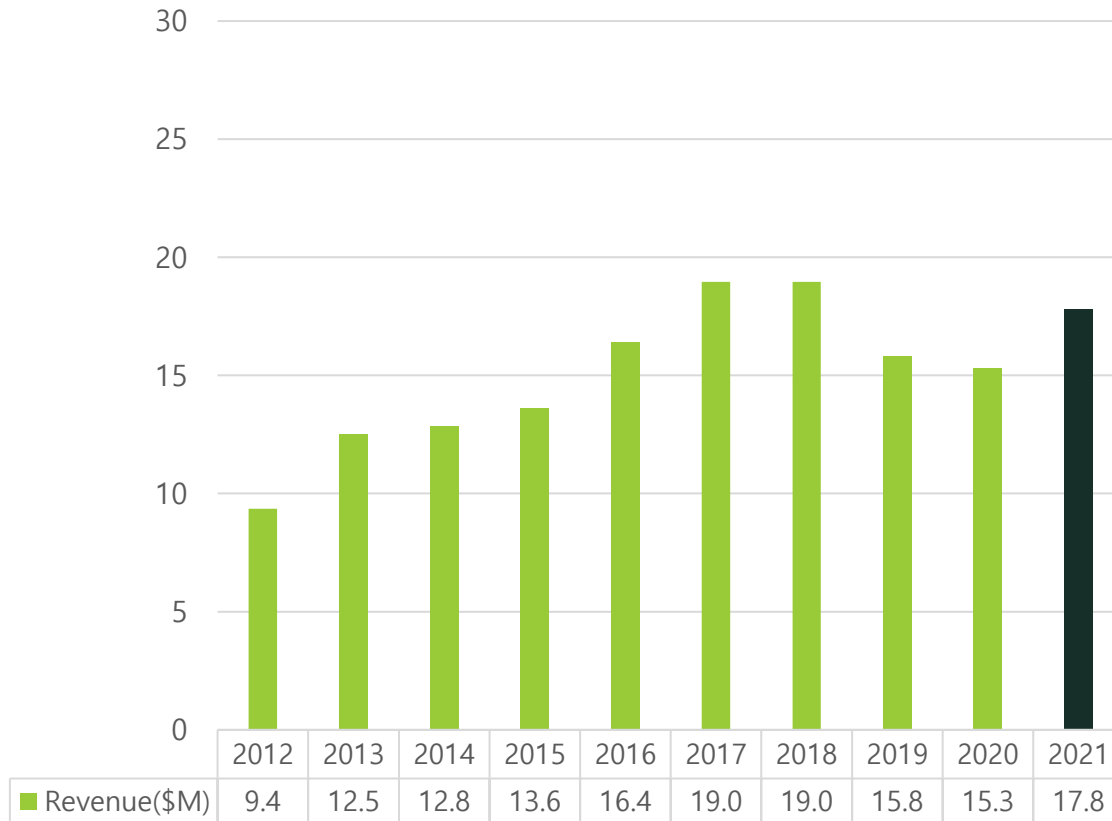
FACILITY AND CAPABILITIES

Inspection Facilities

No.	EQUIPMENT(Production)	SPECIFICATION	QTY	MAKER
1	Three coordinate measuring machine	800×1000×600	2	Sheffield
2	X-Ray CT inspection machine	600×300×600	1	Dukin (Max output 320W)
3	Metals Analyzer (성분분석기)	Spark	1	OXFORD
4	Universal testing machine (UTM)	2 Ton	1	Taewon Tech
5	Tool maker's microscope (공구현미경)	25X ~ 454X	1	MICRO Vu
6	Hardness Tester (경도측정기)	Rockwell	1	Daekyung Tech
7	Surface roughness tester (조도측정기)	-	1	KOSAKA
8	Micrometer (마이크로메타)	0~125mm	21	Mitutoyo
9	Height gauge (하이트게이지)	0~300mm	4	Mitutoyo
10	Etc.		27	
		Total	60	

REVENUE AND CUSTOMERS

Revenue



Customers

HL Mando

kyungshin

DY AUTO

DMT (주)디엠티

SEBANG
세방리튬배터리

ORIENT
(주)오리엔트 정공

LG Innotek

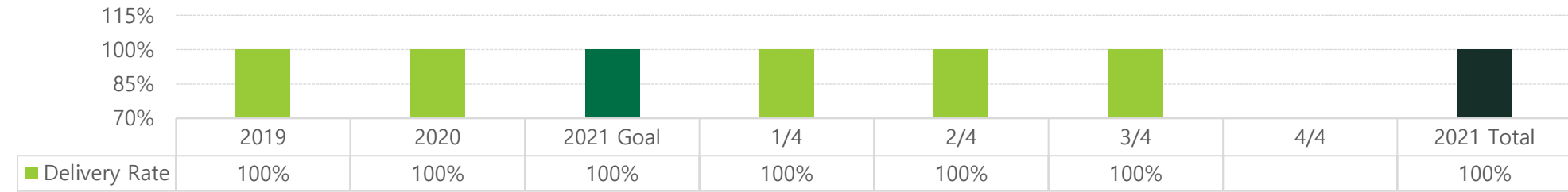
YURA
유라코퍼레이션

Time
TIME ENGINEERING CO.,LTD.

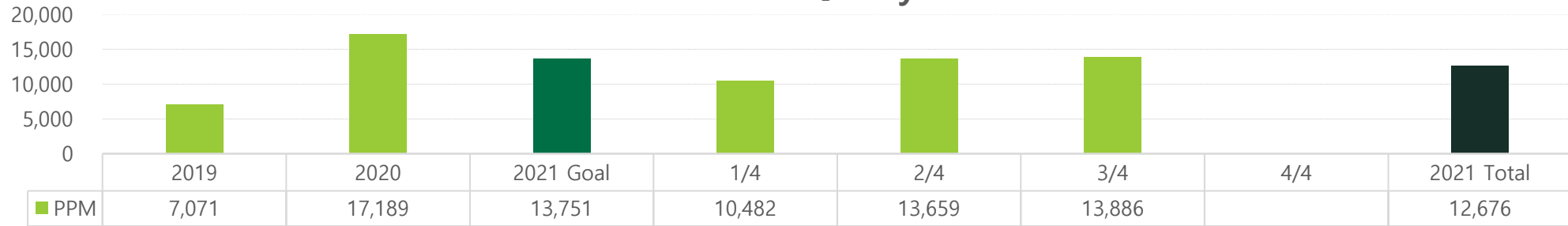
COAVIS

DELIVERY RATE & QUALITY

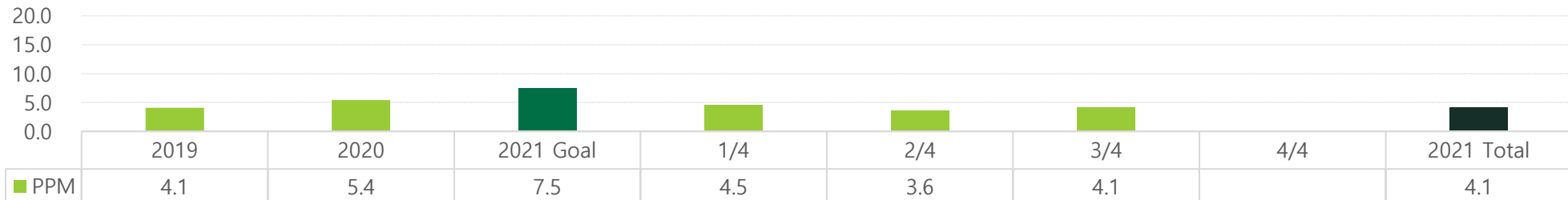
Delivery Rate



Process Quality



Customer Quality



QUALITY CERTIFICATIONS

IATF 16949 (ISO/TS 16949) 인증

UTAC KOREA - 2017년 12월

IATF16949 Certification



CERTIFICATE
N° SQ/2451-1

COMPANY : E-Hwa Die Casting Co., Ltd.

REGISTRATION LIMITS : E-Hwa Die Casting Co., Ltd.
98-37, Suwaram 2-gil
Seoul-Myun
Pyeongtaek-Si
Gyeonggi-do, 451-852
South Korea

사본

STANDARD : IATF 16949 (2016 Edition)

REGISTRATION SCOPE : Manufacturing of die-casting parts.
(Excluding Product Design)

CERTIFICATION VALIDITY : From 14-December-2017 to 13-December-2020

Gilles FOUGERE
Certification, Audits & Inspections
Department Manager



N° IATF : 0282538

FO_CAL_FCI_033 rev02

Certificat délivré par
Union Technico de l'Automobile, de Matériaux et du Cycle
Séjour Social - Automobile de l'Union Technico - 157, 2012 - 19 311 - MONTLHERY CEDEX - France

SQ MARK 인증 SQ MARK Certification

현대, 기아 자동차 - 2007년 07

LEVEL UP A 등급 - 2013년 06월

CERTIFICATE OF SUPPLIER QUALITY
인증번호 : CF201

SQ 인증서

회 사 명 : (주)이화다이캐스팅 [안전부품]
대 표 자 명 : 이근성 인증업종 : 주단조
사업자번호 : 1248162811 인증등급 : A
업 제 코 드 : #44YW 사업장코드 : #44YW01
회 사 주 소 : 경기도 평택시 서탄면 수월암리 675번지

협력사 품질평가 규정에 의거
상기와 같이 SQ(협력사 품질보증)
요구사항에 적합함을 인증합니다.

인증일자 : 2007년 07월 18일
유효일자 : 2021년 12월 31일 까지
최종평가일자 : 2018.10.04 [SQ사후평가(업체)]

◆ 주 관 : 케이비오토텍 주식회사
◆ 후 원 : 현대 기아자동차

SES-Tier2 인증

르노 삼성자동차 - 2012년 09월

SES- Tier2 Certification

SAMSUNG 르노삼성자동차

SES-Tier2 인증서

CERTIFICATE OF SUPPLIER EVALUATION STANDARD - Tier2

회 사 명 : (주)이화다이캐스팅
대 표 자 명 : 이근성

사업자등록번호 : 1248162811 인증번호 : R1209-0114-00
인증등급 : A 인증업종 : 다이캐스팅
회사주소 : 경기도 평택시 서탄면 수월암리 675 번지

르노 삼성자동차 SES- Tier2
(2차 협력사 평가표준) 규정에 의거하여
상기와 같이 요구사항에 적합함을 인증합니다.

2012년 9월12일

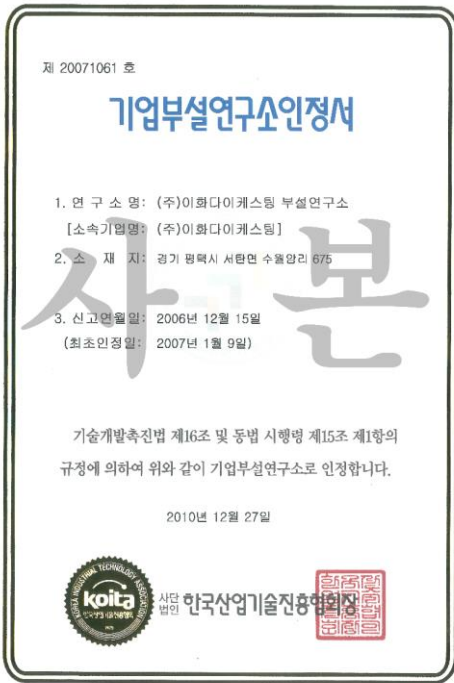
RENAULT SAMSUNG MOTORS

R & D CERTIFICATIONS

부설연구소 인증

산업기술진흥협회 - 2007년 01월

R&D Center Certification



뿌리기업 인증

국가뿌리산업진흥센터 - 2020년 10월

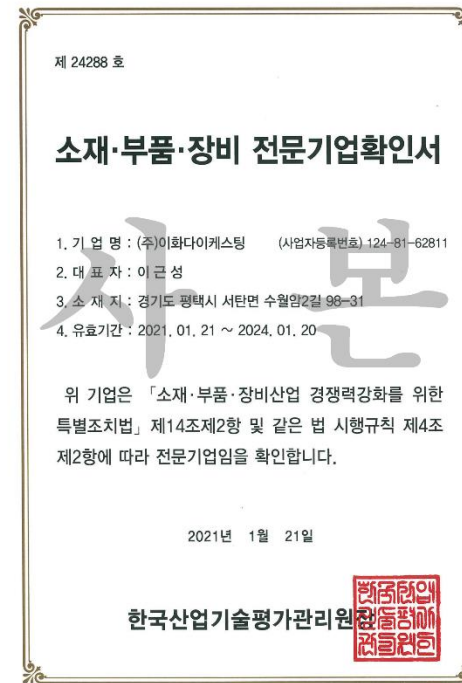
Root-Tech Certification

뿌리기업 확인서		발급번호	20112-09425
		유효기간	발급일로부터 3년
업체명	(주)이화다이캐스팅 (사업자등록번호) (법인번호)	124-81-62811 (-)	
대표자성명	이근성	생년월일	1952년 1월 24일
사업장	주소	117104 경기도 평택시 서탄면 수월암2길 98-31	
	전화번호	(031)665-5041	FAX (031)665-5046
	E-mail	mgt6@ehwadc.co.kr	
사업개시일	1999년 6월 1일	종사자수	44명
		제조면적	846㎡
업종	주조		
주요생산품	자동차부품		
활용기술	주조 / 주물		
용도	고용이가능, 사업신장용		
<p>「뿌리산업 진흥 및 원단화에 관한 법률」 제2조 제3호에 따른 뿌리기업임을 상기와 같이 증명합니다.</p> <p>2020년 10월 22일</p> <p>국가뿌리산업진흥센터소장 이근성</p>			

소재·부품·장비 전문기업 인증

한국산업기술평관리원 - 2021년 01월

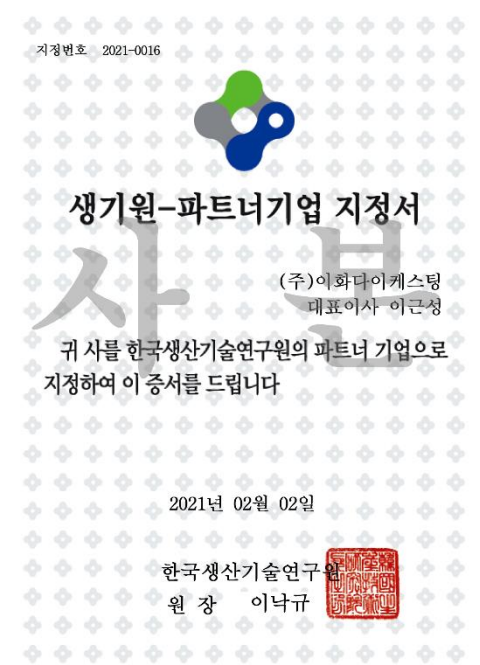
Material Business Certification



생기원 파트너기업 인증

한국생산기술연구원 - 2021년 02월

Korea R&D Partner Certification

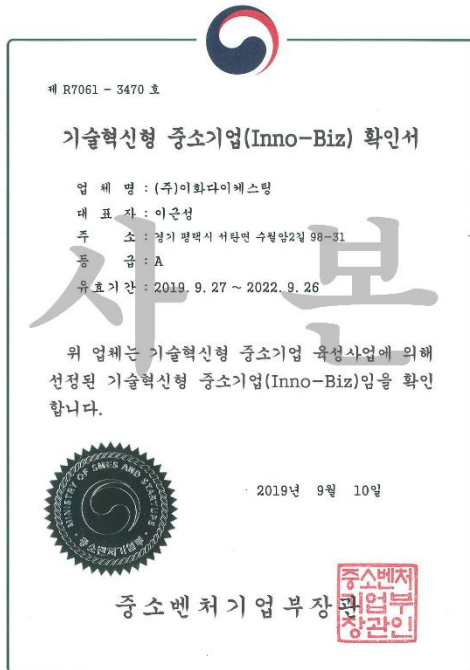


BUSINESS CERTIFICATIONS

기술혁신형 중소기업 인증

중소벤처기업부 - 2019년 10월

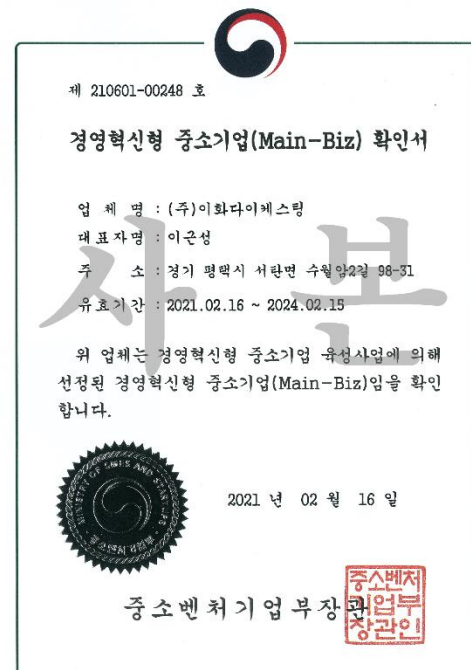
Inno-Biz Certification



경영혁신형 중소기업 인증

중소벤처기업부 - 2021년 02월

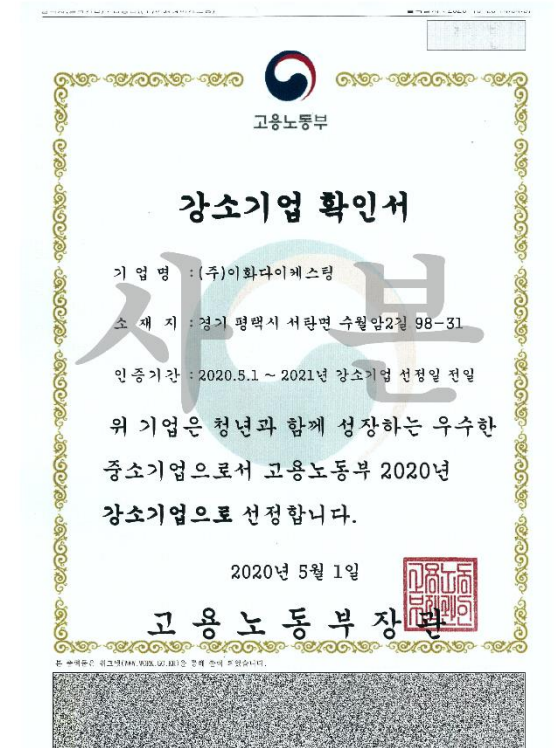
Main-Biz Certification



강소기업 인증

고용노동부 - 2020년 05월

Good workplace Certification



MAIN PRODUCTS

Automotive



현대자동차



기아자동차



GM DAEWOO



르노삼성자동차

Thermal Management Parts

ECU Controller Heat Sink
Regulator Heat Sink
Battery Heat Sink
DC/DC Converter Heat Sink



Wiper System Parts

Wiper Sleeve
Wiper Motor Housing



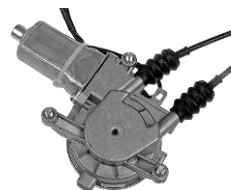
EPS Parts

EPS Motor Bracket
EPS Motor Housing



Window System Parts

Window Motor Housing
Sunshade Housing
Sunroof Motor Housing



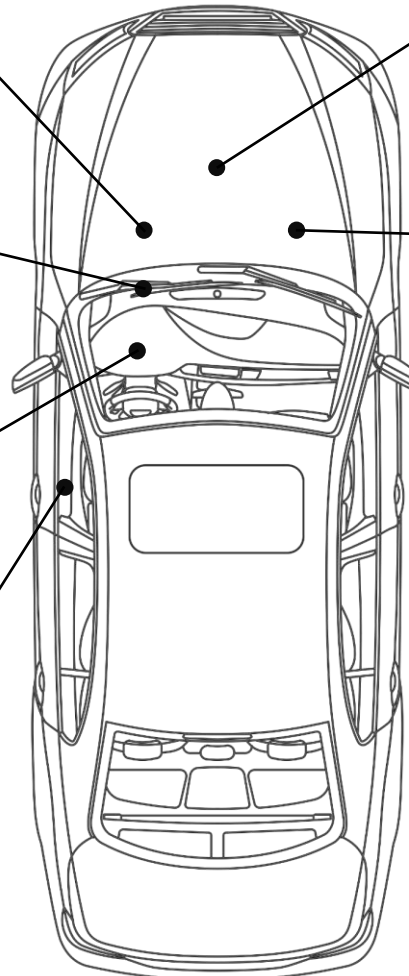
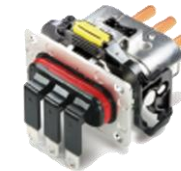
Engine & Powertrain Parts

Fan Clutch Cover
Oil Pump Parts
Engine Mounting Bracket



EV Parts

High Voltage Junction Block
DC/DC Converter Housing
Battery Housing
Connector



OUR SERVICE

Material control

Material Storage



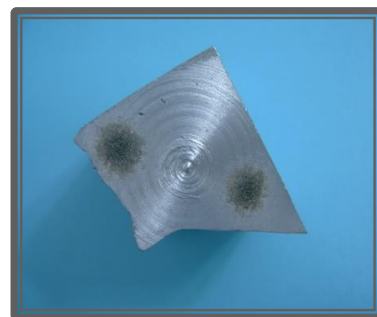
FIFO Management

A photograph of a large board titled "원재료 선입선출 현황판" (Raw Material First In First Out Status Board). The board displays a table with columns for LINE, 품목명 (GRADE), LOT NO, LOT SIZE, and others. The table lists several items, including ALDC 12.1 and ALDC 12.1, with their respective lot numbers and sizes. The board is used for tracking the flow of raw materials through the production process.

Visual Inspection



Destruction Inspection



Material Analysis

A photograph of a board titled "원재료 관리 현황판" (Raw Material Management Status Board). The board displays a table with columns for 품목명, 입고량, 출고량, and others. The table lists several items, including ALDCS -12.1 and 2#DC -2, with their respective quantities and dates. The board is used for tracking the management of raw materials.

Incoming-outgoing Management

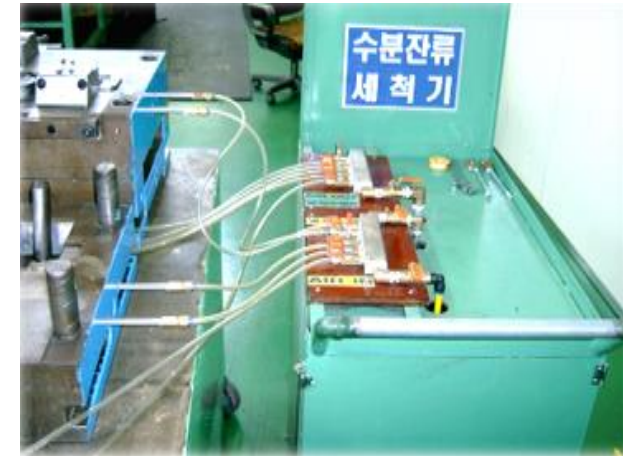
OUR SERVICE

Mold Control

Mold Storage



Arrangement by Cycle



Arrangement by Customers



Spare parts



Mold Lay-out



OUR SERVICE

Casting Control

Casting Factory



Return Material



Return Material



Work Standard



JIG Management



Initial Product



OUR SERVICE

Shot Blasting Control

Shot Blasting Room



Limit Samples



Spare parts and Work Standard



OUR SERVICE

Inspection & Packing

Inspection Room



Processing waiting area



Q-POINT



Work Standard and Spare parts



OUR SERVICE

Finished Product Control

Product Storage



FIFO Management



Incoming-outgoing Management



CONTACT

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이화다이케스팅