

제506호 (1/3)

국제공인시험기관인증서

기 관 명 : (주) 태웅

대 표 자 : 허 용 도

법 인 등 록 번 호 : 180111-0073922

사업자등록번호 : 603-81-16009

법 인 주 소 : 부산광역시 강서구 송정동 1462-1

사 업 장 소 재 지 : 부산광역시 강서구 송정동 1462-1

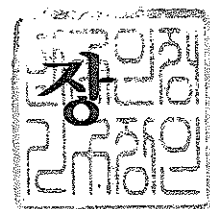
유효 기 간 : 2011년 12월 23일 ~ 2015년 12월 22일

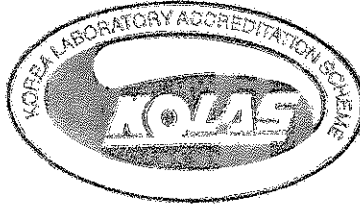
인증분야 및 범위 : 별첨 참조

상기 시험기관을 KS Q ISO/IEC 17025:2006 인정요건 및 국가표준기본법 제23조의 규정에 의거하여 국제공인시험기관으로 인정합니다. 또한 ISO-ILAC-IAF 공동성명(2009.1.8)에 언급된 바와 같이 인정된 분야 및 범위에 대한 기술적 능력과 시험기관 품질경영시스템이 적절함을 인정합니다.

2011년 12월 23일

한 국 인 정 기 구



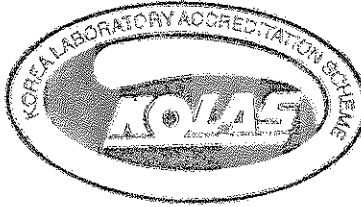


제506호 (2/3)

1. 역학시험

1.001 금속 및 관련제품

규격번호	규격명	시험범위 및 검출한계
ASTM E8/E8M : 2009	Standard Test Methods for Tension Testing of Metallic Materials	Max. 500 kN
ASTM E10 : 2010	Standard Test Method for Brinell Hardness of Metallic Materials	29 400 N
ASTM E23 : 2007	Standard Test Methods for Notched Bar Impact Testing of Metallic Materials	Max. 543 J
ASTM E112 : 2010	Standard Test Methods for Determining Average Grain Size	-
ASTM A370 : 2011	Standard Test Methods and Definitions for Mechanical Testing of Steel Products	-
	Tension : Section 5 to 13	Max. 500 kN
	Bend : Section 14	Max. 500 kN
ASTM E384 : 2010	Impact : Section 19 to 28	Max. 543 J
	Standard Test Method for Knoop and Vickers Hardness of Materials	(9.8 ~ 490) N
EN ISO 148-1 : 2010	Knoop 제외 Metallic materials - Charpy pendulum impact test - part 1 : Test method	Max. 543 J
ISO 6506-1 : 2005	Metallic materials - Brinell hardness test - Part 1 : Test method	29 400 N
ISO 6507-1 : 2005	Metallic materials - Vickers hardness test - Part 1 : Test method	(9.8 ~ 490) N



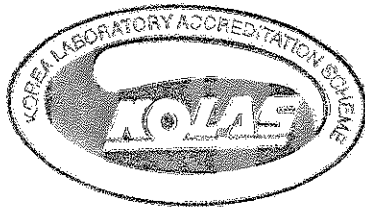
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2. 화학시험

2.001 철강

규격번호	규격명	시험범위 및 검출한계
KS D 1652 : 2007	철 및 강의 스파크 방전 원자 방출 분광 분석 방법	-
	탄소, 규소, 망가니즈, 인, 황, 니켈, 크로뮴, 몰리브덴, 구리, 바나듐	C : (0.001 ~ 1.0) % Si : (0.002 ~ 1.0) % Mn : (0.003 ~ 2.5) % P : (0.000 5 ~ 0.1) % S : (0.000 2 ~ 0.1) % Ni : (0.002 ~ 13.0) % Cr : (0.002 ~ 22.7) % Mo : (0.001 ~ 1.0) % Cu : (0.001 ~ 1.5) % V : (0.001 ~ 0.3) %

끝.



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CERTIFICATE OF ACCREDITATION

Name of Laboratory : Taewoong Co., Ltd.

Representative : Huh Yong Do

Address of Headquarters : 1462-1, Songjeong-Dong, Gangseo-Gu, Busan, 618-270, Korea

Address of Laboratory : 1462-1, Songjeong-Dong, Gangseo-Gu, Busan, 618-270, Korea

Duration : December. 23, 2011 ~ December 22, 2015

Scope of Accreditation

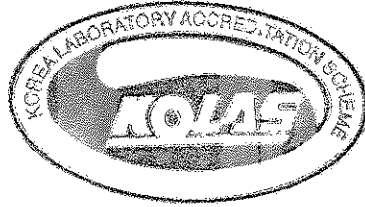
(Scope of Accreditation is described in the accompanying Annex)

This testing laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025 : 2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009).

Dec. 23, 2011

Administrator,

Korea Laboratory Accreditation Scheme(KOLAS)

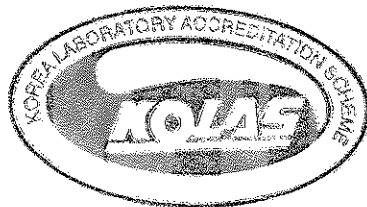


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1. Mechanical Test

1.001 Metal and related product

Test method	Standard designation	Test range or Limits of detection
ASTM E8/E8M : 2009	Standard Test Methods for Tension Testing of Metallic Materials	Max. 500 kN
ASTM E10 : 2010	Standard Test Method for Brinell Hardness of Metallic Materials	29 400 N
ASTM E23 : 2007	Standard Test Methods for Notched Bar Impact Testing of Metallic Materials	Max. 543 J
ASTM E112 : 2010	Standard Test Methods for Determining Average Grain Size	-
ASTM A370 : 2011	Standard Test Methods and Definitions for Mechanical Testing of Steel Products	-
	Tension : Section 5 to 13	Max. 500 kN
	Bend : Section 14	Max. 500 kN
	Impact : Section 19 to 28	Max. 543 J
ASTM E384 : 2010	Standard Test Method for Knoop and Vickers Hardness of Materials	(9.8 ~ 490) N
	Knoop exemption	
EN ISO 148-1 : 2010	Metallic materials - Charpy pendulum impact test - part 1 : Test method	Max. 543 J
ISO 6506-1 : 2005	Metallic materials - Brinell hardness test - Part 1 : Test method	29 400 N
ISO 6507-1 : 2005	Metallic materials - Vickers hardness test - Part 1 : Test method	(9.8 ~ 490) N



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2. Chemical Test

2.001 Iron and Steel

Test method	Standard designation	Test range or Limits of detection
KS D 1652 : 2007	Iron and steel - Method for spark discharge atomic emission spectrometric analysis	-
	Carbon, Silicon, Manganese, Phosphorus, Sulfur, Nickel, Chromium Molybdenum, Copper, Vanadium	C : (0.001 ~ 1.0) % Si : (0.002 ~ 1.0) % Mn : (0.003 ~ 2.5) % P : (0.000 5 ~ 0.1) % S : (0.000 2 ~ 0.1) % Ni : (0.002 ~ 13.0) % Cr : (0.002 ~ 22.7) % Mo : (0.001 ~ 1.0) % Cu : (0.001 ~ 1.5) % V : (0.001 ~ 0.3) %

End.