

제384호 (1/5)

국제공인시험기관인증서

기 관 명 : 농업기술실용화재단

대 표 자 : 전 운 성

법 인 등 록 번 호 : 135871-0007158

사업자등록번호 : 124-82-18476

법 인 주 소 : 경기도 수원시 권선구 서둔동 211-2

사업장소재지 : 경기도 수원시 권선구 서둔동 225-2
경기도 수원시 권선구 서둔동 251

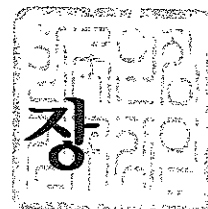
유효기간 : 2008년 12월 01일 ~ 2012년 11월 30일

인정분야 및 범위 : 별첨

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 1월 21일

한국인정기구



“이면기재사항”

1. 2008. 12. 01 : 최초인정

2. 2009. 11. 27 : 농촌진흥청 국립농업과학원에서 농업기술실용화재단으로 업무
이관으로 인한 인정사항변경

기관명변경 : 농촌진흥청국립농업과학원 → 농업기술실용화재단

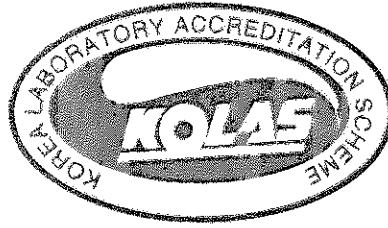
대표자변경 : 조은기 → 전운성

법인등록번호 : 135871-0007158

사업자등록번호 : 124-83-01818 → 124-82-18476

법인주소 및 사업장 소재지 행정구역상 단순변경 : 경기 수원시
권선구 수인로 150 국립농업과학원 → 경기도 수원시 권선구 서
둔동 211-2

3. 2011. 01. 21 : 추가인정



제384호 (2/5)

<경기도 수원시 권선구 서둔동 225-2>

1. 역학시험

1.021 자동차

규격번호	규격명
국립농업과학원 고시 제2010-4호	농업기계 검정 및 안전관리 세부실시 요령 별표3 농용트랙터 시험방법
	6-1. 주 PTO 성능시험
	6-2. 견인성능시험
	6-3. 작업기승강장치 성능시험
	6-4. 제동성능시험
	6-5. 선회시험
	6-6. 중심위치시험
	6-7. 소음시험
	농업기계 검정 및 안전관리 세부실시 요령 별표3 농용트랙터 캡 및 프레임 시험방법
ISO 789-1:1990	Agricultural Tractors—Test Procedures —Part 1 : Power Tests for Power Take-off
ISO 789-3:1993	Agricultural Tractors—Test Procedures — Part 3: Turning and Clearance Diameters
OECD test code 2-2008	OECD Standard Code for the Official Testing of Tractor Performance
	4.1. Power Take-Off and Engine Tests 4.1.1 Main power take-off 4.1.1.1 Maximum power test 4.1.1.2 Test at full load and varying speed 4.1.1.3 Test at varying load
	4.2. Hydraulic Power 4.2.1 Test requirements 4.2.2 Compulsory steady state hydraulic pressure, flow, and power test - maximum available power
	4.3. Hydraulic Lift
	4.4 Drawbar Power and Fuel Consumption 4.4.1 Information about tests 4.4.2 Draw power and fuel consumption test, unballasted tractor
OECD code 4:2010	OECD standard code for the official testing of protective structures on agricultural and forestry tractors (static test)
ISO 5700:2006	Tractors for agriculture and forestry - roll-over protective structures (ROPS) - static test method and acceptance conditions



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1.021 자동차(계속)

규격번호	규격명
EEC 79/622:2007	Council directive on the approximation of the laws of the member states relating to the roll-over protection structures of wheeled agricultural or forestry tractors (static testing)
OECD code 6:2010	OECD standard code for the official testing of front-mounted protective structures on narrow-track wheeled agricultural and forestry tractors
ISO 12003-1:2008	Agricultural and forestry tractors - roll-over protective structures on narrow-track wheeled tractors Part 1: Front-mounted ROPS
EEC 87/402:2007	Roll-over protection structures mounted in front of the driver's seat on narrow-track wheeled agricultural and forestry tractors
OECD code 7:2010	OECD standard code for the official testing of rear-mounted protective structures on narrow-track wheeled agricultural and forestry tractors
ISO 12003-2:2008	Agricultural and forestry tractors - roll-over protective structures on narrow-track wheeled tractors Part 2: Rear-mounted ROPS
EEC 86/298:2007	Rear mounted roll-over protection structures of narrow-track wheeled agricultural and forestry tractors
OECD code 8:2010	OECD standard code for the official testing of protective structures on agricultural and forestry tracklaying tractors
OECD code 10:2010	OECD standard code for the official testing of falling object protective structures on agricultural and forestry tractors



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<경기도 수원시 권선구 서둔동 251>

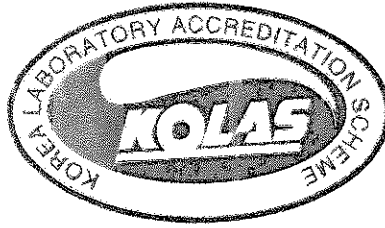
1. 화학분야

2.013 석유제품

규격번호	규격명
KS E 3707:2001	석탄류 및 코크스류 - 발열량 측정방법
	8.b) 자동열량계 측정값의 산출
EN 14918:2009	Solid biofuels - Determination of calorific value
	10. Gross calorific value
ISO 1928:2009	Solid mineral fuels - Determination of gross calorific value by the bomb calorimetric method and calculation of net calorific value
	10. Gross calorific value

2.019 농축산물

규격번호	규격명
농촌진흥청 고시 제2010-9호	비료의 품질검사방법 및 시료채취기준 별표1 비료의 이화학적 검사방법
	1. 적용범위 원자흡광분광법 : 구리, 아연 유도결합플라즈마발광분광법 : 카드뮴, 크롬
농림수산식품부 고시 제2009-14호	사료공정서 - 사료표준분석방법
	IV. 무기물 16. ICP 발광분광분석법 1. 적용범위 구리, 아연, 칼슘, 인, 철, 망간
식품의약품안전청 고시 제2010-25호	식품공전 10.4.1.2 식품 중 잔류농약분석법 - 다중농약다성분 분석법 제2법
	Azoxystrobin, Procymidone



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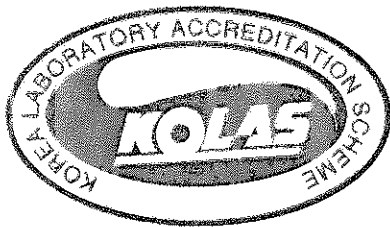
2.019 농축산물(계속)

규격번호	규격명
국립농업과학원 고시 제2010-4호	농산물비파괴선별기 시험방법
	5.2 성능시험 5-2-1-3 측정 및 조사항목 (1) 선별능률 (2) 측정정밀도 (가) 중량 측정 정밀도 (나) 크기(지름) 측정 정밀도 (다) 당도 측정 정밀도 (라) 산도 측정 정밀도 (3) 이송속도
	저온저장고(50 m ³ 이하)시험방법
	5.2 성능시험 5-2-1. 저장고 보냉성능시험 5-2-2. 저장실 온습도조절시험 5-2-3. 제상히터 작동시험
	저온저장고(50 m ³ 이상)시험방법 5-3. 성능시험 5-3-1. 단열 성능시험 5-3-2. 온·습도조절 성능시험 5-3-3. 서리제거 성능시험
AOAC 930.15	Animal feed - Loss on drying(Moisture) for feeds(135 °C/2 h) 1. Scope : Moisture
AOAC 2003.05	Animal feed - Crude fat in feeds 1. Scope : Crude fat(ethyl ether)
ISO 5984:2002	Animal feed - Determination of crude ash 1. Scope : Crude ash

2.019 토양

규격번호	규격명
환경부 고시 제2009-255호	토양오염공정시험기준 ES 07400.1
	금속류-원자흡수분광광도법 1. 적용범위 : 구리
	토양오염공정시험기준 ES 07400.2 금속류-유도결합플라즈마-원자발광분광법 1. 적용범위 : 카드뮴

끝.



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CERTIFICATE OF ACCREDITATION

Name of Laboratory : Foundation Of Agri. Tech. Commercialization & Transfer

Representative : Jeon, Un-seong

Address of Headquarters : 211-2, Seodun-dong, Gwonson-gu, Suwon-si, Gyeonggi-do, Republic of Korea

Address of Laboratory : 225-2, Seodun-dong, Gwonson-gu, Suwon-si, Gyeonggi-do, Republic of Korea
251, Seodun-dong, Gwonson-gu, Suwon-si, Gyeonggi-do, Republic of Korea

Duration : December 01, 2008 ~ November 30, 2012

Scope of Accreditation

(Scope of Accreditation is described in the accompanying Annex)

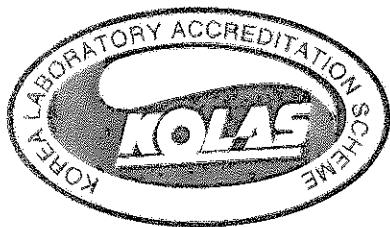
This testing laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025 : 2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated 8 January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

January 21, 2011

Huh. Kyung

Administrator,

Korea Laboratory Accreditation Scheme(KOLAS)



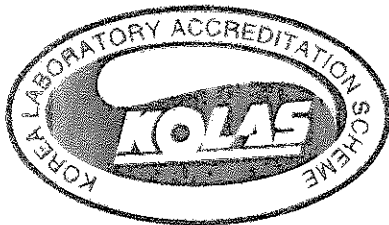
No. 384(2/5)

<225-2, Seodun-dong, Gwonson-gu, Suwon-si, Gyeonggi-do, Republic of Korea>

1. Mechanical Test

1.021 Automobile

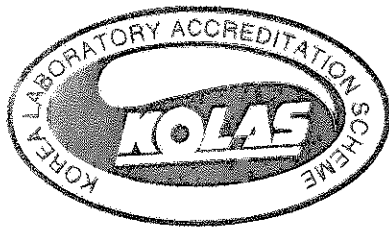
Test Method	Standard designation
National Academy of Agricultural Science Bulletin No. 2010-4	Directive for agricultural machinery test and safety management Annexed list 3 Test method of agricultural tractors
	6-1. Main PTO performance test
	6-2. Drawbar power tests
	6-3. Hydraulic power and lift test
	6-4. Braking performance test
	6-5. Turning radius
	6-6. Center of gravity
	6-7. Noise test
	Directive for agricultural machinery test and safety management Annexed list 3 Test method for roll over protective structures of agricultural tractors
ISO 789-1:1990	Agricultural Tractors – Test Procedures – Part 1 : Power Tests for Power Take-off
ISO 789-3:1993	Agricultural Tractors-Test Procedures – Part 3: Turning and Clearance Diameters
OECD test code 2-2008	OECD Standard Code for the Official Testing of Tractor Performance
	4.1. Power Take-Off and Engine Tests 4.1.1 Main power take-off 4.1.1.1 Maximum power test 4.1.1.2 Test at full load and varying speed 4.1.1.3 Test at varying load
	4.2. Hydraulic Power 4.2.1 Test requirements 4.2.2 Compulsory steady state hydraulic pressure, flow, and power test – maximum available power
	4.3. Hydraulic Lift
	4.4 Drawbar Power and Fuel Consumption 4.4.1 Information about tests 4.4.2 Draw power and fuel consumption test, unballasted tractor
OECD code 4:2010	OECD standard code for the official testing of protective structures on agricultural and forestry tractors (static test)
ISO 5700:2006	Tractors for agriculture and forestry – roll-over protective structures (ROPS) – static test method and acceptance conditions



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1.021 Automobile(Cont.)

Test Method	Standard designation
EEC 79/622:2007	Council directive on the approximation of the laws of the member states relating to the roll-over protection structures of wheeled agricultural or forestry tractors (static testing)
OECD code 6:2010	OECD standard code for the official testing of front-mounted protective structures on narrow-track wheeled agricultural and forestry tractors
ISO 12003-1:2008	Agricultural and forestry tractors - roll-over protective structures on narrow-track wheeled tractors Part 1: Front-mounted ROPS
EEC 87/402:2007	Roll-over protection structures mounted in front of the driver's seat on narrow-track wheeled agricultural and forestry tractors
OECD code 7:2010	OECD standard code for the official testing of rear-mounted protective structures on narrow-track wheeled agricultural and forestry tractors
ISO 12003-2:2008	Agricultural and forestry tractors - roll-over protective structures on narrow-track wheeled tractors Part 2: Rear-mounted ROPS
EEC 86/298:2007	Rear mounted roll-over protection structures of narrow-track wheeled agricultural and forestry tractors
OECD code 8:2010	OECD standard code for the official testing of protective structures on agricultural and forestry tracklaying tractors
OECD code 10:2010	OECD standard code for the official testing of falling object protective structures on agricultural and forestry tractors



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<251, Seodun-dong, Gwonson-gu, Suwon-si, Gyeonggi-do, Republic of Korea>

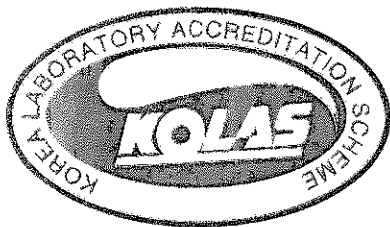
1. Chemical Test

2.013 Miscellaneous Petroleum Products

Test Method	Standard designation
KS E 3707:2001	Determination of calorific value of coal and coke
	8. b) Measurement by automatic calorimeter
EN 14918:2009	Solid biofuels – Determination of calorific value
	10. Gross calorific value
ISO 1928:2009	Solid mineral fuels – Determination of gross calorific value by the bomb calorimetric method and calculation of net calorific value
	10. Gross calorific value

2.019 Agro-livestock products

Test Method	Standard designation
Rural Development Administration Bulletin No. 2010-9	Method for quality test of fertilizer and sampling standards Annexed list 1 Chemical test methods of fertilizer
	1. Scope Atomic absorption spectrometry : Zn, Cu Inductively coupled plasma – Optical emission spectrometry : Cd, Cr
Ministry for Food, Agriculture, Forestry and Fisheries Bulletin No. 2009-14	Official regulation of feed Official method of feed analysis
	IV. Minerals 16. Inductively coupled plasma 1. Scope Ca, P, Fe, Zn, Cu, Mg
Korea Food & Drug Administration Bulletin No. 2010-25	Korean food standards codex 10.4.1.2 Multi class pesticide multiresidue methods
	Azoxystrobin, Procymidone



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2.019 Agro-livestock products(Cont.)

Test Method	Standard designation
National Academy of Agricultural Science Bulletin No. 2010-4	Test methods of agricultural product nondestructive sorting machine
	5.2 Performance test 5-2-1-3 Measurement and investment item (1) Sort efficiency (2) Precision (A) Weight (B) Size (C) Sugar content (D) Acidity content (3) Transfer speed
	Test methods of low temperature storeroom(below 50 m ³)
	5.2 Performance test 5-2-1. Insulation performance test of storeroom 5-2-2. Temperature and humidity control test of storeroom 5-2-3. Operating test of defrosting heater
	Test methods of Low temperature storeroom(over 50 m ³)
AOAC 930.15	5-3. Test of performance 5-3-1. Insulation performance test 5-3-2. Temperature and humidity control test 5-3-3. Performance test of defrosting
	Animal feed - Loss on drying(Moisture) for feeds(135 °C/2 h)
AOAC 2003.05	1. Scope : Moisture
	Animal feed - Crude fat in feeds
ISO 5984:2002	1. Scope : Crude fat(ethyl ether)
	Animal feed - Determination of crude ash
	1. Scope : Crude ash

2.019 Soil

Test Method	Standard designation
Ministry of Environment Bulletin No. 2009-255	Standard test method for soil pollution : ES 07400.1
	Metals - Atomic absorption spectrometry
	1. Scope : Cu
	Standard test method for soil pollution : ES 07400.2
	Metals - Inductively coupled plasma
	1. Scope : Cd

End.