

KOLAS 공인 시험기관, 비공인 항목(역학 2, 화학 25규격)

01. 역학 시험

01.001 역학

규격번호/()항목	규격명	시험범위
ASTM A1038 (현장경도)	Standard Test Method for Portable Hardness Testing by the Ultrasonic Contact Impedance Method	-
ISO 6506 (브리넬 경도)	ISO 6506 Metallic materials - Brinell hardness test - Part 1: Test method	-

02. 화학시험

02.001 철강

규격번호.	규격명	시험범위
(Ferrite scope를 이용한 페라이트 함량)	-	-
(PMI 이용한 합금강성분 측정)	-	-
ASTM F1372-93(2020) (SEM 분석)	Standard Test Method for Scanning Electron Microscope (SEM) Analysis of Metallic Surface Condition for Gas Distribution System Components	
KS D ISO 22309(2016확인) (EDS 분석)	마이크로빔 분석 - 에너지 분산 분광법(EDS)을 이용한 정량 분석	

02.002 화학/기타

규격번호	규격명	시험범위
NAS 1638 (오일 오염도 입자카운팅)	NAS1638 CLEANLINESS REQUIREMENTS OF PARTS USED IN HYDRAULIC SYSTEM-REV 4	1~12
ISO 4406 (오일 오염도 입자카운팅)	Hydraulic fluid power - Fluids - Method for coding the level of contamination by solid particles	-
KS M ISO 3104:2003 (동점도)	석유제품 - 투명 및 불투명 액체 - 동점도 시험방법 및 점도 계산	-
KS M ISO 6296 (수분)	석유계 원유 - 수분 시험 방법 - 칼피셔식 전기량 적정법	-
KS A 0601:2016 (비중)	액체 비중 측정방법	-

ASTM D664 (전산가)	Standard Test Method for Acid Number of Petroleum Products by Potentiometric Titration	-
ASTM D4739 (전염기가)	Standard Test Method for Base Number Determination by Potentiometric Hydrochloric Acid Titration	-
DIN EN ISO 1172 (GRP 함유량)	Glass reinforced plastics Determination of the loss on ignition	-
KS I ISO 10523 (pH)	수질 - pH 측정방법	-
SS(부유물질)	STANDARD METHOD FOR THE EXAMINATION OF WATER AND WASTE WATER - 22nd EDITION	-
염소이온	STANDARD METHOD FOR THE EXAMINATION OF WATER AND WASTE WATER - 22nd EDITION	-
KS I ISO 7888:2007 (전기전도도)	수질-전기전도도 측정방법	-
ASTM D2697-03(2014) (부피고형분)	Standard Test Method for Volume Nonvolatile Matter in Clear or Pigmented Coatings	-
ISO 3233-1 (부피고형분)	Paints and varnishes - - Determination of the percentage volume of non-volatile matter - Part 1: Method using a coated test panel to determine non-volatile matter and to determine dry-film density by the Archimedes' principle	-
ISO 3233-2 (부피고형분)	Part 2: Method using the determination of non-volatile-matter content in accordance with ISO 3251 and determination of dry film density on coated test panels by the Archimedes' principle	-

(계속)

규격번호	규격명	시험범위
ISO 3233-3 (부피고형분)	Paints and varnishes - Determination of the percentage volume of non-volatile matter - Part 3: Determination by calculation from the non-volatile-matter content determined in accordance with ISO 3251, the density of the coating material and the density of the solvent in the coating material (ISO 3233- 3:2015); German version EN ISO 3233- 3:2015	-
ASTM D1644-01(2017) (불휘발분)	Standard Test Methods for Nonvolatile Content of Varnishes	-
ISO 2884-1 (Poise 점도)	Standard Test Methods for Nonvolatile Content of Paints and varnishes - Determination of viscosity using rotary viscometers - Part 1: Cone-and-plate viscometer operated at a high rate of shear (ISO 2884-1:1999); German version EN ISO 2884-1:2006	-
ISO 2884-2 (Poise 점도)	Paints and varnishes - Determination of viscosity using rotary viscometers - Part 2: Disc or ball viscometer operated at a specified speed (ISO 2884- 2:2003); German version EN ISO 2884- 2:2006	-
ASTM D4400-18 (흐름저항성)	Standard Test Method for Sag Resistance of Paints Using a Multinotch Applicator	-
ASTM D1475-13 (비중)	Standard Test Method For Density of Liquid Coatings, Inks, and Related Products	-