

Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-PL-11097-02-03 according to DIN EN ISO/IEC 17025:2005

Period of validity: 2016-09-16 to 2021-09-15

Date of issue: 2018-02-09

Holder of certificate:

TÜV Rheinland (Shanghai) Co., Ltd.
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Tests in the fields:

Machinery

The laboratory is permitted, without being required to inform and obtain prior approval from DAkkS, to use standard test methods listed here with different issue dates or revision status updates.

The testing laboratory maintains a current list of all testing within the flexible scope of accreditation.

Department	Standard / in house procedure / Version	Title of standard or in house procedure (deviations / modifications of standard)	Test area / reductions
Machinery	EN 1010-1:2004 +A1:2010	Printing and paper converting machines	
Machinery	EN 1010-2:2006 +A1:2010	Printing and varnishing machines including pre-mess machinery	
Machinery	EN 1010-3:2002 +A1:2009	Paper cutting machines	
Machinery	EN 1010-4:2004 +A1:2009	Bookbinding, paper converting and paper finishing machines.	

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Machinery	EN 1010-5:2005	Machines for the production of corrugated board and machines for the conversion of flat and corrugated board	
Machinery	EN 1012-1:2010	Compressors	
Machinery	EN 12151:2007	Machinery and plants for the preparation of concrete and mortar	
Machinery	EN 12417:2001 +A2:2009; EN 12417:2001+A2+ 2009/AC:2010	Machining centres. Without annex A	
Machinery	EN 12418:2000+A1: 2009	Masonry and stone cutting-off machines for job site	
Machinery	EN 12601:2010	Reciprocating internal combustion engine driven generating sets	
Machinery	EN 12622:2009	Hydraulic press brakes	
Machinery	EN 12717:2001 +A1:2009	Drilling machines	
Machinery	EN 13155:2003 +A2:2009	Cranes (Non-fixed load lifting attachments)	
Machinery	EN 13157:2004 +A1:2009	Cranes (Hand powered lifting equipment)	
Machinery	EN 13218:2002 +A1:2008; EN 13218:2002 +A12008/+ AC:2010	Stationary grinding machines	
Machinery	EN 13683: 2003+A2: 2011	Garden equipment - Integrally powered shredders/chippers - Safety	
Machinery	EN 13684: 2004 +A3:2009	Garden equipment - Pedestrian controlled lawn aerators and scarifiers - Safety	
Machinery	EN ISO 23125:2010 +A1:2012	Turning machines	
Machinery	EN 13898:2003+A1: 2009	Sawing machines for cold metal	
Machinery	EN 13985:2003 +A1:2009	Guillotine shears	
Machinery	EN 1493:2010	Vehicles lifts	
Machinery	EN ISO 4254-1:2009; EN ISO 4254- 1:2009+AC:2010;	Agricultural machinery - Safety - Part 1: General requirements	

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Machinery	EN 1570-1:2011	Lifting tables	
Machinery	EN 16722:2005 +A1:2009	Food processing machinery (hygiene requirements)	
Machinery	EN 1757-3:2002	Pedestrian controlled manual and semi-manual trucks (Platform trucks)	
Machinery	EN ISO 3691-5:2009	Industrial trucks - Safety requirements and verification - Part 5: Pedestrian-propelled trucks	
Machinery	EN 1807:1999+A1:2009	Band sawing machines	
Machinery	EN 201:2009	Rubber and plastic machines (injection moulding machines)	
Machinery	EN 289:2004+A1:2008	Rubber and plastic machines (Presses)	
Machinery	EN ISO 13857:2008	Safety of machinery – Safety distance to prevent danger zones being reached by the upper limbs and lower limbs	
Machinery	EN 415-2:1999	Packaging machines (Pre-formed rigid container packaging machines)	
Machinery	EN 415-3:1999 +A1:2009	Packaging machines (Form, fill and seal machines)	
Machinery	EN 422:2009	Rubber and plastic machines (Blow moulding machines intended for the production of hollow articles)	
Machinery	EN 500-1:2006 +A1:2009	Mobile road construction machinery. Without ROPS, FOPS	
Machinery	EN 500-4:2011	Mobile road construction machinery (compaction machines)	
Machinery	EN 609-1:1999 +A2:2009	Log splitters (wedge splitters)	
Machinery	EN 609-2:1999 +A2:2009	Log splitters (Screw splitters)	
Machinery	IEC 60974-1: 2012 EN 60974-1:2012 DIN EN 60974-1:2006 VDE 0544-1:2006	Arc welding equipment (Welding power sources)	
Machinery	IEC 60974-6:2010 EN 60974-6:2011 DIN EN 60974-6:2011 VDE 0544-6:2011	Arc welding equipment (Limited duty manual arc welding power sources)	

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Machinery	EN 692:2005+A1:2009	Mechanical presses	
Machinery	EN 693:2001+A2:2011	Hydraulic presses	
Machinery	EN 709:1997+A4: 2009	Pedestrian controlled tractors with mounted rotary cultivator, motor hoes, motor hoes with drive wheel(s)	
Machinery	EN ISO 4254-12:2012	Rotary mowers and flail mowers	
Machinery	EN ISO 10218-1:2011	Robots	
Machinery	EN 786:1996+A2: 2009	Garden equipment - Electrically powered walk-behind and hand-held lawn trimmers and lawn edge trimmers – Mechanical safety	
Machinery	EN 792-1: 2000 +A1:2008 ISO 11148-1:2011 EN ISO 11148-1:2011 DIN EN ISO 11148-1:2012	Hand-held non-electric power tools (Assembly power tools for non-threaded mechanical fasteners)	
Machinery	EN 792-10: 2000 +A1:2008 ISO 11148-10: 2011 EN ISO 11148-10: 2011 DIN EN ISO 11148-10:2012	Hand-held non electric power tools –Safety requirements- Part 10: Compression power tools)	
Machinery	EN 792-11: 2000 +A1:2008 ISO 11148-11: 2011 EN ISO 11148-11: 2011 DIN EN ISO 11148-11:2012	Hand-held non-electric power tools- Safety requirements- Part 11 Nibblers and shears	
Machinery	EN 792-12: 2000 +A1:2008	Hand-held non-electric power tools - Safety requirements- Part 12 Small circular, small oscillating and reprocating saws	
Machinery	EN 792-13: 2000 +A1:2008	Hand-held non-electric power tools - Safety requirements- Part 13 Fastener driving tools	

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Machinery	EN 792-2: 2000 +A1:2008 ISO 11148-2:2011 EN ISO 11148-2: 2011 DIN EN ISO 11148-2:2012	Hand-held non-electric power tools - Safety requirements- Part 2 Cutting-off and crimping power tools	
Machinery	EN 792-3: 2000 +A1:2008 ISO 11148-3:2010 EN ISO 11148-3: 2010 DIN EN ISO 11148-3:2011	Hand-held non-electric power tools - Safety requirements- Part 3 Drills and tappers	
Machinery	EN 792-4: 2000 +A1:2008 ISO 11148-4:2010 EN ISO 11148-4: 2010 DIN EN ISO 11148-4:2011	Hand-held non-electric power tools - Safety requirements- Part 4 Non rotary percussive power tools)	
Machinery	EN 792-5: 2000 +A1:2008 ISO 11148-5:2011 EN ISO 11148-5: 2011 DIN EN ISO 11148-5:2012	Hand-held non-electric power tools - Safety requirements- Part 5 Rotary percussive drills	
Machinery	EN 792-6: 2000 +A1:2008 ISO 11148-6:2011 EN ISO 11148-6: 2011 DIN EN ISO 11148-6:2012	Hand-held non-electric power tools - Safety requirements- Part 6 Assembly power tools for threaded fasteners	
Machinery	EN 792-7: 2000 +A1:2008 ISO 11148-7:2012 EN ISO 11148-7: 2012	Hand-held non-electric power tools - Safety requirements- Part 7 Grinders	
Machinery	EN 792-8: 2000 +A1:2008 ISO 11148-8:2011 EN ISO 11148-8: 2011 DIN EN ISO 11148-8:2012	Hand-held non-electric power tools - Safety requirements- Part 8 Polisher and sanders	

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Machinery	EN 792-9: 2000 +A1:2008 ISO 11148-9:2011 EN ISO 11148-9: 2011 DIN EN ISO 11148-9 :2012	Hand-held non-electric power tools - Safety requirements- Part 9 die grinders	
Machinery	EN 809:1998+A1:2009; EN 809:1998+A1: 2009/+AC:2010	Pumps and pump units for liquids	
Machinery	EN 836:1997+A4: 2011	Garden equipment (Power lawnmowers)	
Machinery	EN 859:2007+A2:2012	Woodworking machines (Handfed surface planning machines)	
Machinery	EN 860:2007+A2:2012	Woodworking machines (one side thickness planning machines)	
Machinery	EN 869:2006+A1:2009	High pressure metal diecasting units	
Machinery	EN 940:2009+A1:2012	Combined woodworking machines	
Machinery	EN ISO 4413:2010	Fluid power systems and their components (hydraulics)	
Machinery	EN ISO 4414:2010	Fluid power systems and their components (pneumatics)	
Machinery	EN 15503: 2009+A2: 2015	Garden equipment – Garden blowers, vacuums and blower/vacuums – Safety	
Machinery	EN ISO 10472-1:2008	Industrial laundry machinery	
Machinery	EN ISO 10472-2:2008	Washing machines and washer-extractors	
Machinery	EN ISO 10472-3:2008	Washing tunnel lines including components machines	
Machinery	EN ISO 10472-4:2008	Air dryers	
Machinery	EN ISO 10472-5:2008	Flatwork ironers, feeders and folders	
Machinery	EN ISO 10472-6:2008	Ironing and fusing presses	
Machinery	EN ISO 10517:2009 +A1:2013	Powered hand-held hedgetrimmers	
Machinery	EN ISO 11111-1:2009	Textile machinery	
Machinery	EN ISO 11111-2:2005 +A1:2009	Spinning preparatory and spinning machines	
Machinery	EN ISO 11111-3:2005 +A1:2009	Nonwoven machinery	
Machinery	EN ISO 11111- 4:2005+A1:2009	Yarn processing, cordage and rope manufacturing machinery	

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Machinery	EN ISO 11111-5:2005 +A1:2009	Preparatory machinery to weaving and knitting	
Machinery	EN ISO 11111-6:2005 +A1:2009	Fabric manufacturing machinery	
Machinery	EN ISO 11111-7:2005 +A1:2009	Dyeing and finishing machinery	
Machinery	EN ISO 11680-1:2011	Pole mounted power pruners fitted with integral combustion engine	
Machinery	EN ISO 11680-2:2011	Pole-mounted power pruners for use with a back-pack power source	
Machinery	EN ISO 11681-1:2011	Portable chain-saws (Chain-saws for forest service)	
Machinery	EN ISO 11681-2:2011	Portable chain-saws (Chain-saws for tree service)	
Machinery	EN ISO 11806-1:2011	Agricultural and forestry machinery-Safety requirements and testing for portable, hand-held, powered brush-cutters and grass-trimmers-Part 1: Machines fitted with an integral combustion engine	
Machinery	EN ISO 11806-2:2011	Agricultural and forestry machinery-Safety requirements and testing for portable, hand-held, powered brush-cutters and grass-trimmers-Part 2: Machines for use with back-pack power unit	
Machinery	EN ISO 19432:2012	Portable, hand-held, international combustion cutting-off-machines	
Machinery	ISO 11789:1999	Power edgers, with rigid cutting means	
Machinery	ISO 8437:1989 +A1: 1997	Snowthrowers	
Machinery	EN 14910 : 2007+A1 : 2009	Garden Equipment- walking behind combustion engine powered trimmers-safety	
Machinery	ISO 5395-1:2013 EN ISO 5395-1:2013 DIN EN ISO 5395-1 :2014	Garden Equipment-Safety requirements for combustion-engine-powered lawnmowers-Part 1: Terminology and common tests	
Machinery	ISO 5395-2:2013 EN ISO 5395-2:2013 DIN EN ISO 5395-2 :2014	Garden Equipment-Safety requirements for combustion-engine-powered lawnmowers-Part 2: pedestrian controlled lawnmowers	

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Machinery	ISO 5395-3:2013 EN ISO 5395-3:2013 DIN EN ISO 5395-3:2014	Garden Equipment-Safety requirements for combustion-engine-powered lawnmowers-Part 3: rided-on lawnmower with seated operator	