<table>
<thead>
<tr>
<th>No.</th>
<th>Document Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>1.</td>
<td>PS: 627-1977</td>
<td>Performance of constant speed internal combustion engines for general purposes. (1st Revision).</td>
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<tr>
<td>2.</td>
<td>PS: 822-1-1979</td>
<td>Two stage one liter fuel filter for diesel engines.</td>
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<td></td>
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<td>Specifies material, designation, performance requirements, sampling and criteria for conformity.</td>
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<td>5.</td>
<td>PS: 878-1972</td>
<td>Motorists seat belts with retractors. (Withdrawn)</td>
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<td></td>
<td></td>
<td>Specifies material, manufacture, performance, requirements and finish.</td>
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<td></td>
<td>This standard covers, requirement for leaf spring assembling for automobile suspension.</td>
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<td>Specifies materials, construction protective characteristics, optional characteristics and test.</td>
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<tr>
<td>9.</td>
<td>PS: 1463-1979</td>
<td>Constant speed internal combustion engines for general purposes, code for type testing of. (Withdrawn)</td>
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<td>11.</td>
<td>PS: 1570-1983</td>
<td>Air filter for air supply to internal combustion engine and compressors other than for aircraft.</td>
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<td>It covers the methods for testing brake lining friction material to determine certain physical and chemical properties.</td>
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<td>It specifies the standard reference conditions and the methods of declaring the power, fuel and oil consumption for reciprocating internal combustion on engines using liquid and gaseous fuels.</td>
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<td>It specifies the acceptance and type test method for internal combustion engines in commercial production excluding road vehicles agricultural tractors and aircraft.</td>
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<td>It lists the main parameters used in engine testing with their required accuracies.</td>
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<td>It gives general requirements and definitions for torsional vibrations on engines.</td>
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</table>
It specifies general requirements and definitions for over speed limiting devices used for the protection of reciprocating internal combustion engines.

It defines terms relating to reciprocating internal combustion engines.

15. PS: 2084-1989  Radiator for automobiles.
It covers radiators for automobile cooling system.

It specifies the testing method of heat dissipation performance of radiators for automobiles.


This Pakistan standard defines terms relating to dimensions of motor vehicles and towed vehicles.


It allows evaluations of one of the criteria relating to vehicle (passenger car) dynamics and road-holding properties.

It specifies laboratories test methods for evaluating essential strength characteristics of disc wheels, spoke wheels land demountable rim in tented for highway use on trucks, buses, trailers and multi-purpose passenger vehicles.


It specifies the in-service test procedure for the determination of the concentration of exhaust carbon monoxide (co) emissions from road vehicles equipped with spark-ignition engines running at idle speed.
   It specifies a uniform moving barrier rear collision test method for passenger car.

   It defines only the requirements and characteristic of test benches necessary to ensure consistent results when an injection pump is tested to the manufacturers test specification regardless of the origin of the test bench.

   It covers definitions, symbols and units, static requirements, information to be supplied by manufacturers, specifications and tolerances for test bench equipment, pump delivery measuring system error allowances and method of testing the pump delivery measurement system.

   It applies to test performed in accordance with fuel injection pump manufacturers engine manufacturers or other admissible test schedules.

   It defines terms relating to diagnostic systems for motor vehicles.

   It specifies a method for testing engines designed for motorcycles.

   It specifies the requirements for the calibration fluid with which diesel injection equipment may be calibrated and tested in production, in services and in laboratories.

   It defines a three-dimensional references systems and fiducial marks.

   It specifies a procedure for determining the steady state directional the steady state directional control response of passenger cars.

   It specifies a method for testing engines designed for mopeds, applicable to the evaluation of their performances with a view, in particular, to presenting curves of power and specifies fuel consumption at full load as a function of rotational frequency.

   It specifies test for determining the pressure drop / flow characteristics of full-flow lubricating oil filters for internal combustion engines.

   It specifies test for determining the element by-pass component characteristics of full-flow lubricating oil filters for I.C combustion engines.

It specifies tests for measuring the resistance to high pressure drop and the resistance to elevated temperatures of filter elements of full-flow lubricating oil filters for I.C. engines.


It specifies a method of testing full-flow lubricating oil filters for I.C. Engines to determine their ability to withstand static pressure objective and to determine their burst pressure and the failure mode concerned.

Powered industrial trucks-Terminology.

It establishes the classification and definitions of different powered industrial trucks.

Powered industrial trucks terminology – Classification and nomenclature. (Withdrawn)

Narrow V-belt drives for the automotive industry fatigue test.

It specifies terms and definitions related to the use of endless synchronous belts drives for mechanical power transmission and where positive indexing indexing or synchronization required.

Vehicles road – Rear view mirrors - Test method for determining reflectance.

It specifies a test method for determining the reflectance of rear view mirrors for road vehicles.

Vehicles road – Rear window demisting system for passenger cars – Test method.

It specifies a test method for passenger car rear-window demisting systems when these are fitted.

Vehicles road – Rear window defrosting system for passenger cars-Test method.

It specifies a test method for passenger ;car rear-window defrosting systems when these are fitted.

Vehicles road – Rear window washing and wiping systems for passenger cars - Test methods.

It specifies test methods for passenger car rear-window washing and wiping systems.

Vehicles road – Brake linings – Compressibility test procedure.

It specifies a method for testing and measuring the compressibility of brake lining.

Vehicles road – Brake linings – Internal shear strength of lining material - Test procedure.

It specifies a method of measuring the internal shear strength (stress) of brake lining material.

Vehicles road – Brake linings – Shear strength of discs brake pad and drum brake show assemblies - Test procedures.

It describes a method for measuring the shear strength of disc brake pad and drum brake shoe assemblies with regard to the adhesive/bond connection between the brake lining material and the lining carrier.

It specifies a combined method of measuring disc brake pads to determine their dimensional changes in relation to temperature and their resistance to heat transfer.


It specifies a laboratory method for exposing samples to detrimental environments, measuring the effect on strength and shape and comparing the result with those from uncontaminated samples.

54. PS: 2586-1989  Vehicles road – Brake-seizure to ferrous mating surface due to corrosion - Test procedure.

It specifies a laboratory method for conditioning brake lining in an environment that will promote corrosion and a test method to assess the strength of bound formed by corrosion.


It defines a three-dimensional H-point machine for use in the determination of the H-point of an actual seat.


It gives the vocabulary on piston rings of internal combustion engines.


It defines measuring principals to be used for measuring rings.


Establishes a classification of materials intended for the manufacturers of piston ring based on mechanical properties also applies to the manufacture of piston rings upto and including 20 mm diameter of I.C. engine.


Specifies dimensional criteria also provides a system for coding, designation and marking of the piston rings.


Specifies those quality aspects which are capable of definition but not normally found on a drawing specification.


It defines terms relating to the dimensions of two-wheeled mopeds and motorcycles.


It defines terms relating the masses of two-wheeled mopeds and motorcycles.


It establishes the terminology relating to road vehicles collisions in either actual accident or laboratory tests.

60. PS: 2604-1989  Vehicles road – Sound signaling devices - Test after mounting on vehicles.
   It establishes a laboratory test procedure to evaluate axial (Lateral) curb impact collision properties of a wheel manufactured either wholly or partly or screening and/or quality control.

   It defines terms relating to lighting and light signaling device for road vehicles.

63. PS: 2612-1989  Vehicles road – Masses and dimensions of caravans terms and definitions.
   It gives terms and definitions.

   It specifies two types of calibrating nozzle holder assemblies intended for the testing and setting of diesel fuel injection pumps on test benches.

   It specifies the flow measuring system including the fixture, to be used for flow testing the single hold orifice plates used in an orifice plate type nozzle and holder assembly which are intended for testing and setting diesel fuel injection pumps on test benches.

   It specifies minimum requirements for material, installation on the vehicle and test requirements for thermoplastics tubing for use in air braking systems on road vehicles.

   It specifies graphical symbols for diagnostic testers.

68. PS: 2634-1989  Vehicles road – Caravans and light trailers. Trailers of categories 01 and 02-inertia bench test procedure for overrun brakes.
   It specifies test procedures for type approval testing of overrun brakes on trailers.

69. PS: 2635-1989  Vehicles road – Caravans and light trailers - Bench test methods for brake controls for inertia brakes trailers of categories 01 and 02.
   It specifies the test methods which may be applied to the type approval of categories 01 and 02 trailers with inertia brakes by testing the control devices on a linear test bench.

   It establishes a vocabulary and definitions relating to fuel injection pumps for compression ignition (diesel) engines.

71. PS: 2640-1989  Vehicles road – Brake linings - Evaluation of friction material characteristics - Small sample bench test procedure.
   It specifies the equipment and procedure for testing small samples of specified sizes of brake lining material on the test results.

It describes a method of determining the thermal conductivity of homogenous materials or the thermal resistance of coated materials by means of the guarded hot-plate apparatus by applying it to brake linings for road vehicles.

   It establishes a vocabulary for components and systems for reciprocating I.C. engines.

   It establishes a vocabulary for main running gears of reciprocating I.C. engines.

   It establishes a vocabulary for components and systems of I.C. engines.

73. PS: 2652-1989 Vehicles road – Braking in a turn - Open loop test procedure.
   It specifies a test method to determine the effect of braking on the directional behavior of a vehicle whose steady state movement is altered.

   It specifies minimum requirements for hand-lever operated testing and setting apparatus to perform certain tests on fuel injectors for compression ignition engines for road vehicles.

   It specifies tests which can be performed on fuel injectors for compression ignition engines for road vehicles, using a hard-lever-operated testing and setting apparatus only by the braking.

   Specifies three dimensional manikin, having 50 % value (JM50) or adult male physique for use in defining automobile seating accommodation.

   Specifies a method of designation the cylinders of reciprocating I.C. engines.
   Specifies the direction of motion of hand operated devices for speed regulation and reversing of reciprocating I.C. engines.

   Specifies the direction of motion of hand operated devices for speed regulation and reversing of reciprocating I.C. engines.
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<tr>
<td>78.</td>
<td>PS: 3141-1992</td>
<td>Reciprocating internal combustion engines – Definitions of locations on an engine. Specifies locations on a reciprocating internal combustion engines so that the position of equipment on the engine can be described.</td>
</tr>
<tr>
<td>79.</td>
<td>PS: 3166-1992</td>
<td>Acoustics measurement of noise inside motor vehicles. This Pakistan standard specifies the conditions for obtaining reproducible and comparable measurement of noise.</td>
</tr>
<tr>
<td>80.</td>
<td>PS: 3167-1992</td>
<td>Vehicles road – Masses – Vocabulary and codes. This Pakistan standard defines the terms &amp; codes masses and road vehicles.</td>
</tr>
<tr>
<td>81.</td>
<td>PS: 3538-94</td>
<td>Vehicles road – Techniques of measurement in impact test-instrumentation. This Pakistan standard specifies the performances and recommended matters of instrumentations channels to be used in impact test.</td>
</tr>
<tr>
<td>2.</td>
<td>PS: 3655-1995</td>
<td>Reciprocating internal combustion engines – Fire protection. This standard establishes additional requirements for reciprocating internal combustion engines to minimize the risk of fire caused by the engine and the components and auxiliaries fitted to it.</td>
</tr>
<tr>
<td>83.</td>
<td>PS: 3816-1996</td>
<td>Reciprocating I.C. engines – Designation of the direction of rotation and of cylinders and values in cylinder heads, and definition of right hand and left hand in line engines and location on an engine. This standard specifies the method of designating the direction of rotation and the cylinders or reciprocating I.C. engines and of designating a specific values in a cylinder head, where it is mounted on the engine or dismantled.</td>
</tr>
<tr>
<td>84.</td>
<td>PS: 3837-1996</td>
<td>Vehicles road – Vehicle dynamics and road holdings ability – Vocabulary. This standard defines the principal terms of vehicle dynamics. The terms define apply to road vehicles such as passenger cars and commercial vehicles.</td>
</tr>
<tr>
<td>85.</td>
<td>PS: 3920-1-1997</td>
<td>Internal combustion engines – Piston rings. Part 1: Rectangular rings. This part of standard specifies the essential dimensional features of R-, B- and M- rectangular piston ring types.</td>
</tr>
<tr>
<td></td>
<td>PS: 3920-2-1997</td>
<td>Internal combustion engines – Piston rings. Part 2: Rectangular rings with narrow ring width. This part of standard specifies the essential dimensional features of rectangular rings with narrow ring width.</td>
</tr>
<tr>
<td>86.</td>
<td>PS: 3935-1997</td>
<td>Inlet air cleaning equipment for internal combustion engine and compressors – Performance testing. The purpose of this standard is to establish and specify uniform test procedure, condition equipment and performance report to permit the direct laboratory performance comparison of air cleaners.</td>
</tr>
</tbody>
</table>
88. PS: 4297-1998 Mopeds—Measurement method for location of center of gravity. It deals with the determination of the center of gravity of the moped and of the moped-rider combination.

89. PS: 4298-1998 Mopeds—measurement method of moment of inertia. It deals with the determination of moments of the inertia of the moped and of the moped-rider combination.

90. PS: 4312-1998 Diesel fuel and petrol filter for I.C. engine – initial efficiency by practice counting retention capacity and gravimetric efficiency. This standard specifies a test procedures for evaluation of the initial efficiency, during clogging and the retention capability of a fuel filter for I.C. engines submitted to a constant flow rate of test liquid.

91. PS: 4618-2000 Light weight steel automotive compressive natural gas cylinder for use in Pakistan. This standard contains minimum safety requirement for the material, design, construction, testing and quality control of seamless CNG gas cylinder of water capacity less than 250 L acceptable for use in motor vehicle operating in Pakistan.


93. PS: 4655-2000 Road vehicles-hydraulic braking systems measurement of braking performance. This Standards specifies the test method for testing the hydraulic braking system of road vehicles of categories M and N.

94. PS: 4664-2000 Vehicles road – Dimensional codes for passenger cars. This standard establishes dimensional codes for passenger cars and for commercial vehicles, designed from passenger cars.

95. PS: 4665-2000 Caravans – Masses and dimensions – Vocabulary. This standard provides a vocabulary of masses and dimensions of caravans.

98. PS: 4707-2001 Proposed Pakistan standard specification for two wheel auto vehicles.
100. PS: 4709-2001 PSS specification for location and indication of controls, indicators and tales for motorcycles.

103. PS: 4712-2001 Motorcycles – Brakes and braking devices – Tests and measurement methods. ISO:8710-95
106. PS: 4807-2002 Four wheeler auto vehicles “City Cart”.
107. PS: 4845-2007 Four wheeler automobile/commercial vehicle.
108. PS: 4863-2008 Stretchers and other patient handling equipment used in road ambulances.
110. PS: 4869-2008 Heavy commercial vehicle (HCV)-General requirements
111. PS: 4870-2008 Light commercial vehicle (LCV)-General requirements.
113. PS: 876-1972 Agricultural tractors location and direction of motion of operators controls for agricultural tractors and self propelled agricultural machine. Specifies location, operation and working of control.
115. PS: 1648-1984 Agricultural tractors – Power take-off and drawbar specification. Specifies the type of power take take-off drawbar clearance zone around the power take-off and guarding of the power take off
116. PS: 1649-1984 Agricultural tractors and machines – Engine-Test code (bench test) - Net power. Specifies the method for bench testing of the following categories of engine.

i) Spark plug engines.
ii) Compression ignition engines.
iii) Reciprocating internal combustion.
iv) Rotary internal combustion engines.
117. PS: 1650-1-1984 Agricultural wheeled tractors, three point linkage. Part 1: Categories 1, 2 & 3. Specifies the requirements for the attachment of implements or equipment to the rear of agricultural wheeled tractors

PS: 1650-2-1984 Agricultural wheeled tractors, three point linkage. Part 2: Categories 1 N (Narrow Hitch). Specifies the requirements for the attachment of implements or equipment to the rear of narrow agricultural wheel tractor

118. PS: 1705-1985 Agricultural tractors, test procedures, power test. Specifies definitions, accuracy of measurement test procedure preservation and verification and specification.

119. PS: 1706-1985 Agricultural tractors, test procedures, hydraulic-power and lifting capacity. Specifies definition, test conditions, test procedures and test report.

120. PS: 1707-1985 Agricultural tractors, test procedures turning and clearance diameters.
Covers definitions, apparatus, general requirements, procedures and test report.

121. PS: 1708-1985  Agricultural tractors field performance evaluation of agricultural wheeled tractors.
Covers the guide line for conducting tests.

122. PS: 1709-1985  Agricultural wheeled tractors determination of maximum travel speed.
Specifies definitions, test requirements, measurement of maximum travel speed at
different gears and calculated maximum travel speed.

123. PS: 1710-1985  Agricultural tractors, test procedure noise test.
Specifies a method of measurement of noise.

Prescribes practical method of determining the visibility of seated operator.

It specifies the dimensions and material of linch pins.


It specifies material dimensions and other requirements of blade for the tractor operated
scraper.

publications for agricultural tractors and machinery.
It provides guide lines for the presentation of Publication dealing with the pre-delivery
setup, operation and servicing of tractors self propelled implements and machinery for
agriculture.

It specifies materials, dimensions and other requirements for rigid tines for tractor
operated cultivators.

It prescribes the recommended procedure for sampling of agricultural machinery, tractors
and their components.

It specifies material, dimensions and other requirements for tractor-mounted spring-
loaded cultivators.

This standard specifies constructional and other requirements of agricultural trailer fitted
with pneumatic tyres and operated by agricultural tractor at the rated speed not
exceeding 30 km/h.

This code covers detailed procedure for preventive maintenance agricultural wheeled
tractor.

This Pakistan standard specifies the requirements for the location of the anchorages for pelvic restraint belt for operators of agricultural tractors fitted with a protective structure.


This Pakistan standard specifies design dimension of an agricultural tractors for agriculture concerning.


This standard lays down dimensions for the operators seat and the location of specific controls relative to the seat index point (SIP).


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