



هيئة التقييس الخليجية  
GCC Standardization Organization

## **GCC Standardization Organization (GSO)**

**Conformity Department**

### **List of GSO Technical Regulations and standards for Motorcycles, Mopeds, Tricycle, ATV & UTV**



## **GSO Technical Regulations for Motorcycles, Mopeds, Tricycle**

<b>GSO</b>	<b>Year</b>	<b>Technical Regulation</b>
<b>GSO 1798</b>	<b>2007</b>	<b>Motorcycles – General Safety Requirements</b>
<b>GSO 1780</b>	<b>2010</b>	<b>Motor vehicle-vehicle identification number (vin) - requirements</b>
<b>GSO 1781</b>	<b>2006</b>	<b>Motor vehicles-world manufacturer identifier</b>
<b>GSO 1782</b>	<b>2008</b>	<b>Motor vehicle-vehicle identification number (vin)- location and attachment</b>
<b>GSO 99</b>	<b>1988</b>	<b>Road Vehicles - Sound Signaling Devices – Technical Specifications</b>

## GSO Standards for Motorcycles, Mopeds, Tricycle

GSO	Year	Technical Regulation
GSO ECE 40	2010	Emission of gaseous pollutants of motorcycles
GSO ECE 41-1	2007	Motorcycles: Noise Emission
GSO ECE 41-2	2007	Motorcycles: Methods of Test for Noise Emission
GSO ECE 57	2008	Motorcycle and Vehicles – Headlamps
GSO ECE 75-1	2007	Motorcycle and Mopeds Tyres –Nomenclature, Dimensions, Performance, Dynamic Growth and Marking.
GSO ECE 75-2	2007	Motorcycle Tyres – Method of Testing
GSO ECE 78	2016	Brake
GSO ECE81	2015	Rear-view mirrors (motorcycles/mopeds)
GSO ISO 4106	2010	Motorcycles – Engine test code – Net Power
GSO ISO 7116	2007	Mopeds – Measurement of maximum Speed
GSO ISO 7117	2011	Motorcycles – Measurement of Maximum Speed
GSO ISO 8706	2013	Two-wheeled mopeds -- Parking stability of side- and center-stands
GSO ISO 9565	2007	Two-Wheeled Motorcycles – Parking Stability of Side and Centre Stands

## **International Regulations and Standards for Motorcycles, Mopeds, Tricycle for references**

No.	Standard	Technical Regulation
1	ECE Global Technical Regulation No.12.	Global Technical Regulation Concerning the location, identification and operation of Motorcycle controls, telltales, and indicators.
2	ECE/40	Exhaust Emissions for Motorcycles.
3	ECE/41	Motorcycle Noise
4	ECE/47	Exhaust Emissions for Mopeds
5	ECE /50	Motorcycles/Mopeds Lights
6	ECE / 53	Motorcycles Installation of Lights
7	ECE /57	Motorcycles - Head Lamps
8	ECE / 60	Motorcycles / Moped Driver operated Controls
9	ECE / 62	Motorcycles – Driver operated Controls
10	ECE / 63	Mopeds - Noise
11	ECE / 74	Mopeds – Installation of Lights



12	<b>ECE/ 75 or FMVSS 119</b>	<b>Motorcycles/Moped – Pneumatic Tyres</b>
13	<b>ECE / 76</b>	<b>Mopeds – Head Lamps</b>
14	<b>ECE / 81</b>	<b>Motorcycles – Rear View Mirrors</b>
15	<b>ECE / 92</b>	<b>Motorcycles – Replacement Silencing System</b>
16	<b>ISO /6727</b>	<b>Road Vehicles – Motorcycles – Symbols for controls, indicators, and telltales</b>
17	<b>ISO/9021</b>	<b>Motorcycles – Controls – Types, positions, and functions.</b>



## GSO Requirements for ATV

<b>GSO</b>	<b>Year</b>	<b>Technical Regulation</b>
<b>GSO 1780</b>	<b>2010</b>	<b>Motor vehicle-vehicle identification number (vin) - requirements</b>
<b>GSO 1781</b>	<b>2006</b>	<b>Motor vehicles-world manufacturer identifier</b>
<b>GSO 1782</b>	<b>2008</b>	<b>Motor vehicle-vehicle identification number (vin)- location and attachment</b>
<b>GSO EN 15997<sup>1</sup></b>	<b>2011</b>	<b>All-terrain vehicles (ATVs - Quads). Safety requirements and test methods</b>
<b>GSO ECE 106</b>	<b>2013</b>	<b>AT Tyres – Method of Testing</b>
<b>GSO ECE 75 and Amendment</b>	<b>2010</b>	<b>Tyres for motorcycles/mopeds/AT</b>



## GSO Requirements for UTV

GSO	Year	Technical Regulation
GSO 1780	2010	Motor vehicle-vehicle identification number (vin) - requirements
GSO 1781	2006	Motor vehicles-world manufacturer identifier
GSO 1782	2008	Motor vehicle-vehicle identification number (vin)- location and attachment
2006/42/EC <sup>2</sup> or EN 16990	2006 2020	Europe Machinery Directive Or Side by Side Vehicles – Safety requirements and test methods
ANSI/OPEI B71.9-2016 <sup>2</sup>	2016	American National Standard for Multipurpose Off-Highway Utility Vehicles
ANSI/ROHVA 1-2016 <sup>2</sup>	2016	American National Standard for Recreational Off-Highway Vehicles

### Notes:

1. GSO accept ANSI – SVIA 1-2010 as the alternative standards for ATV.
2. GSO accept (2006/42/EC) or (ANSI/OPEI B71.9-2016) or (ANSI/ROHVA 1-2016) or (EN 16990 -2020) for UTV.

### - National technical regulation for Motorcycle

1. SASO technical regulation for motorcycles and electric motorcycles to be issued.

### - National standard for ATV:

1. Saudi Arabia: SASO EN 15997:2014