

## **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 motor cycles
GSO ECE 41-1	2007	Motor Cycles: Noise Emission
GSO ECE 41-2	2007	Motor Cycles: Methods of Test for Noise Emission
GSO ECE 57	2008	Motor cycle and Vehicles – Headlamps
GSO ECE 75-1	2007	Motor Cycle and Mopeds Tyres –Nomenclature, Dimensions, Performance, Dynamic Growth and Marking.
GSO ECE 75-2	2007	Motor Cycle 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 Motor Cycle controls, telltales and indicators.
2	ECE/40	Exhaust Emissions for Motor Cycles.
3	ECE/41	Motor Cycle Noise
4	ECE/47	Exhaust Emissions for Mopeds
5	ECE /50	Motor Cycles/Mopeds Lights
6	ECE / 53	Motor Cycles Installation of Lights
7	ECE /57	Motor Cycles - Head Lamps
8	ECE / 60	Motor Cycles / Moped Driver operated Controls
9	ECE / 62	Motor Cycles – Driver operated Controls
10	ECE / 63	Mopeds - Noise
11	ECE / 74	Mopeds – Installation of Lights
12	ECE/ 75 or FMVSS 119	Motor Cycles/Moped – Pneumatic Tyres

<b>13</b>	<b>ECE / 76</b>	<b>Mopeds – Head Lamps</b>
<b>14</b>	<b>ECE / 81</b>	<b>Motor Cycles – Rear View Mirrors</b>
<b>15</b>	<b>ECE / 92</b>	<b>Motor Cycles – Replacement Silencing System</b>
<b>16</b>	<b>ISO /6727</b>	<b>Road Vehicles – Motor Cycles – Symbols for controls, indicators and telltales</b>
<b>17</b>	<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 UTA**

<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>2006/42/EC<sup>2</sup> or EN 16990</b>	<b>2006  2020</b>	<b>Europe Machinery Directive Or Side by Side Vehicles – Safety requirements and test methods</b>
<b>ANSI/OPEI B71.9-2016<sup>2</sup></b>	<b>2016</b>	<b>American National Standard for Multipurpose Off-Highway Utility Vehicles</b>
<b>ANSI/ROHVA 1-2016<sup>2</sup></b>	<b>2016</b>	<b>American National Standard for Recreational Off-Highway Vehicles</b>

### **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) for UTV

### **- National technical regulation for Motorcycle**

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

### **- National standard for ATV:**

1. Saudi Arabia: SASO EN 15997:2014