

Sr. No.	Name of the Component	Reference Standard	Plant assessment applicability as per AIS:037 (Yes /No)	Time Duration (weeks)
1	Headlamp (Glass Lens)	AIS:10 Part 1 Rev1, AIS:10 Part 2 Rev1	Yes	4
2	Headlamp (Plastic Lens)	AIS:10 Part 1 Rev1, AIS:10 Part 2 Rev1	Yes	4 (If plastic lens already approved)
3	Headlamp (Plastic Lens)	AIS:10 Part 1 Rev1, AIS:10 Part 2 Rev1	Yes	14 (Including plastic lens test)
4	Front Fog lamp (Glass Lens)	AIS:012 Rev1	Yes	4 (If plastic lens already approved)
5	Front Fog lamp (Plastic Lens)	AIS:012 Rev1	Yes	14 (Including plastic lens test)
6	Rear combination lamp / Tail lamp with 2 and more signalling functions)	AIS:12 Part 2-10, Rev1 (4W vehicles), AIS:10 Part 3 Rev1 (2&3 W vehicles)	Yes	4
7	Signalling devices -single function (Front Direction Indicator, Rear Registration Plate Lamp, Rear Direction Indicator, Stop Lamp, Reverse Lamp, Parking Lamp, Day time running lamp etc.	AIS:12 Part 2-10, Rev1 (4W vehicles), AIS:10 Part 3 Rev1 (2&3 W vehicles)	Yes	2
8	Reflex / Retro reflectors, Advance warning triangle, Retro Reflective Tape, Rear Marking plates, etc.	AIS:57, Rev1, AIS:22, AIS:90, AIS:89, AIS:88	Yes	4
9	Auto bulbs	AIS:34 Rev1, AIS:128 Rev1	Yes	2
10	Automobile Horns	IS:1884	Yes	5
10	Safety glass (Part 2)	IS:2553 Part 2	No for ISI marking system and Yes for Type approval as per AIS:037	Toughened: 1 Laminated: 3
11	Safety glass (Part 1)	IS:2553 Part 1	No	Toughened: 1 Laminated: 2
12	Door hinges and latches	IS:14225		1
13	Rear view mirror	AIS:001 Rev1	Yes	1
14	Antitheft devices (Steering locks) for 2 & 3 W	AIS:074	No	2
15	Antitheft devices (Steering locks) for 4 W	AIS:075	No	2
16	Reverse Park Assist System	AIS:145	No	1
17	Washer Tank	IS 15804	No	2
18	Brake fluid	IS 8654	No	5
19	High-Security Registration plate	AIS 159	Yes	7
20	Brake hoses	IS 7079	Yes	7
21	Metallic Fuel tank	AIS 095	Yes	1
22	Metallic Fuel tank - Tractor	AIS 104	Yes	1
23	IP (Ingress Protection) test	ISO 20653, IEC 60529	No	1
24	CNG Pressure Regulator	ISO 15500	Yes	8
25	CNG Solenoid valve	ISO 15500	No	8
26	CNG gas air mixer	ISO 15500	No	7
27	CNG Rigid piping	IS 15716	No	1
27	CNG Low-Pressure Flexible hose	IS 15722 /SAE J30 R6	No	5
28	CNG High-pressure Flexible pipe	AIS 028/ SAE J 517	No	5
29	Petrol solenoid valve	AIS 26/ 27	No	2
30	Electrical Fuse	AIS 028/ AIS 026	No	1
31	LPG Regulator	ECE R 67	Yes	7
32	LPG Solenoid valve	ECE R 67	No	7
33	LPG gas air mixer	ECE R 67	No	7
34	LPG Rigid piping	AIS 026	No	2
35	LPG flexible hose	IS 9573	No	8
36	Pneumatic Coupling for tractor-trailer	IS 10792	No	5
37	Wiper Blade	IS 15804/IS 15802	No	2
38	Window Frame assembly	AIS 068	No	5
39	CNG Injector	ISO 15500	No	12
40	Metallic fuel tank 2W &3W	IS 14681	Yes	1
41	Bus Door Testing	Customer define	No	18
42	LNG Heat Exchanger	ECER 110	No	7
43	LNG Flexible Hose	ECER 110	No	7
44	LNG Rigid pipe	ECER 110	No	7
45	LPG_CNG Gas Tight Hosing Test	AIS 026	No	2
46	LPG_CNG Ventilation Hose Test	AIS 026 OR AIS 028 OR IS 15715	No	3
47	Plastic fuel tank (2 and 3-Wheeler)	IS:14681	Yes	15
48	Plastic fuel tank (4 Wheeler)	IS:15547	Yes	15
49	Plastic fuel tank (Agricultural tractor)	AIS:104	Yes	2
50	Pneumatic Tyres for Passenger Car Vehicles – Diagonal and Radial Ply	IS: 15633: 2005	No for ISI marking system and Yes for Type approval as per AIS:037	2
51	Pneumatic Tyres for Commercial Vehicles - Diagonal and Radial Ply	IS: 15636: 2012	No for ISI marking system and Yes for Type approval as per AIS:037	2
52	Pneumatic Tyres for Two and Three-wheeled motor vehicles	IS 15627: 2005	No for ISI marking system and Yes for Type approval as per AIS:037	2
53	Automotive Vehicles Temporary - Use Spare Wheel/Tyres and Run Flat Tyre	AIS-110: 2009	Yes	2
54	Speed Limiter Device / Function	AIS:018	Yes	3
55	FDSS component-level test	AIS:135	No	3
56	FDAS and FDSS, FAS, FPS Installation tests	AIS:135	No	2
57	Stand Testing	AIS:146	No	1
58	Wheel Rims for Two and Three-Wheeled Vehicles Part 1 Light Alloy Wheel Rims — Method of Tests and Requirements	IS: 16192 (Part 1)	No for ISI marking system and Yes for Type approval as per AIS:037	4
59	Wheel Rims for Two and Three-Wheeled Vehicles Part 2 Sheet Metal Wheel Rims — Method of Tests and Requirements	IS: 16192 (Part 2)	No for ISI marking system and Yes for Type approval as per AIS:037	2
60	Rims for Two and Three-Wheeled Vehicles Part 3 Spoke Wheel Rims — Method of Tests and Requirements	IS: 16192 (Part 3)	No for ISI marking system and Yes for Type approval as per AIS:037	1
61	Wheels for Passenger Cars	IS: 9436	No for ISI marking system and Yes for Type approval as per AIS:037	2
62	Wheels or Rims for Trucks and Buses	IS: 9438	No for ISI marking system and Yes for Type approval as per AIS:037	4
63	Tyre rolling resistance / Wet Grip / Rolling Sound test for C1, C2 and C3.	AIS: 142	No	1
64	Battery testing for 2 and 3-wheeler	AIS 156 (Part 2) AMD 3	Yes	3
65	Battery testing for 4-wheeler	AIS 38 Rev 2(Part2) AMD 3	Yes	4
66	Electric motor testing	AIS 41 Rev 1	No	2 days
Note:				
1. The time duration for any equivalent National/International standards for the above components are same. You may refer to ARAI- NABL accredited scope for equivalent standards				
2. The above time duration is subject to the timely submission of test components, jigs and fixtures, and component checklists along with supporting documents.				
3. For obtaining relevant checklist, please contact Mr. Prashant Shitole (shitole.shl@araiindia.com) or Mrs Sandhya R. Gokhale (gokhale.shl@araiindia.com)				
4. For battery testing, please contact Mr. Sachin Pandit (pandit.aed@araiindia.com) and for electric motor testing Dr. Ravindra Kumar (kumar.aed@araiindia.com).				