

## Romanian Railway Authority – RRA (AFER)

### List measurements, samples and tests on railway vehicles that can be performed at the Railway test center Făurei

No. crt.	Name of test	Place of	Reference Document
1	Wagon body buffing test (structure)	on buffering line	EN 12663; UIC 577, ERRI B12/RP17
2	Railway behavior (structure)	on the big ring	ERRI B12/RP17
3	Ride quality test for railway vehicle (Vehicle track interaction and gauging);	on the big ring	EN 14363; UIC 518
4	H forces measuring (Vehicle track interaction and gauging)	on the big ring on the small ring	EN 14363; UIC 518
5	Y/Q ratio (Vehicle track interaction and gauging);	on the small ring	EN 14363; UIC 518
6	Running on twisted track Vehicle track interaction and gauging	in the twisted test line with curves and reverse curves	EN 14363; UIC 518
7	Rain sealing test	on the rain sample bench	STAS 11218-83
8	Parking brake on of 35 ‰ slope	In line with slope	UIC 544-1, SR 12300
9	Braking performance;	on the big ring	UIC 544-1
10	Noise measurment;	on the big ring	EN 3381, UIC 617-6
11	Railway vehicle's buffer tests	on buffering line	UIC 526-1; UIC 526-2