

Date: 06 June 2019

Subject: Impedence test on Rail Road RR14-EVO/EVO 2/EVO2-400 - Platform Basket according to RIS1530.

Adopted instrument:

AC/60-4 – SAMAR s.r.l. - s/n: 54457

Delivered current: 50 Amp

Time of delivering: 3 sec

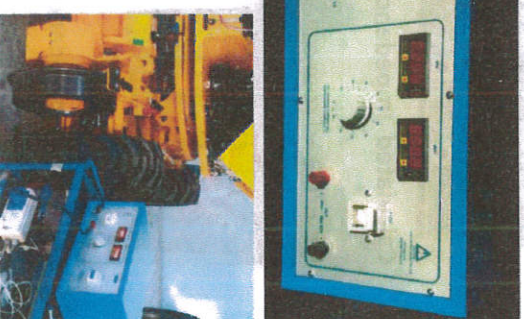
Tens. Cad. :Volt

Calculated Impedence:

Tens.Cad./Delivered current: (Ohm)

Tested platform: RR14-EVO/EVO 2/EVO2-400 s/n PB10908

Test method: The wires of the AC/60-4 instrument have been fitted between the RR14 basket and all the structural items starting from the flying jib down to the iron rail wheel.



Carried out tests:

By holding the black cable fitted to the basket, we wired the second cable to different positions at the structural parts, from the flying jib down to the iron rail wheel. Measures of the instrument have been recorded time by time by reporting the results and the position of every measured value. The further is the distance of the wires the greater is the impedance, but always within the requested RIS1530 value, according to 5.14.5 hereafter:

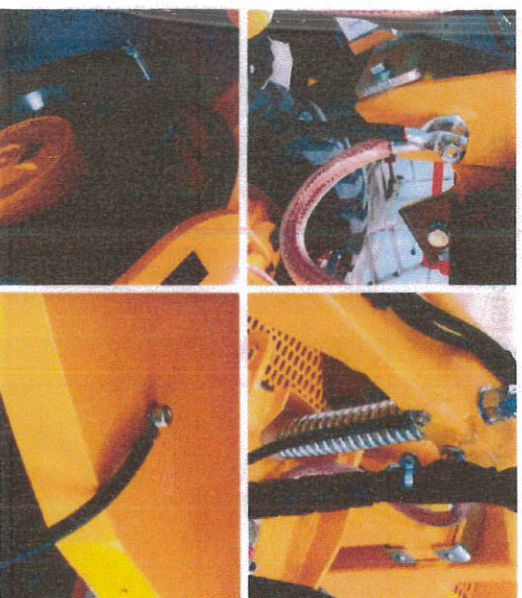
5.14.5 Testing

5.14.5.1 Unless the vehicle is to be approved with limitations as set out in clause 5.14.4.1

b), safety bond continuity tests shall be carried out on each vehicle to ensure a conductive path exists between all external conductive parts of the vehicle and each rail. The maximum impedance between any such part of the vehicle and each rail shall not exceed 0.15Ω.

A copy of the taken picture are attached.

Platform Basket Srl
Technical dept.



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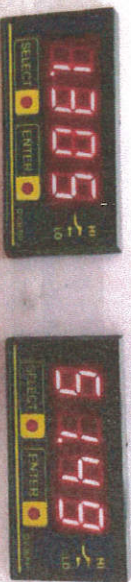
Cap. Soc. EURO 90.000 i.v. – Iscritta al registro imprese di RE n. 02163010350

R.E.A. C.C.I.A.A. di Reggio Emilia n. 258777

Picture 1 – From cage to upper boom

Vdc

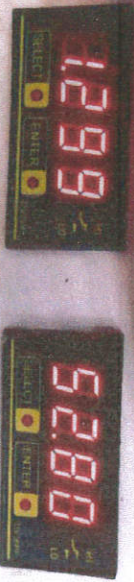
Adc



Calculated Impedance = 0.0253 Ω

Picture 2 – From cage to turret (base)

Adc



Calculated Impedance = 0.0246 Ω

Picture 3 – From cage to rail wheel

Vdc

Adc



Calculated Impedance = 0.0236 Ω