



Date: 14 December 2018

Subject: Impedence test on Rail Road RR14-EVO/EVO 2/EVO2-400 - Platform Basket according to RIS1530 Iss6.

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 PB10775

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 5.16.6 hereafter:

5.16.6 Testing

5.16.6.1

Unless the machine is to be approved with limitations, as set out in 5.16.5.1 b), safety bond continuity tests shall be carried out on each machine to check a conductive path exists between all external conductive parts of the machine and each rail. The maximum impedance between any such part of the machine and each rail shall not exceed 0.15Ω.

A copy of the taken picture are attached.



Platform Basket Srl
Technical dept.

Eng. Stefano Sabattini
Electronic dev. Manager

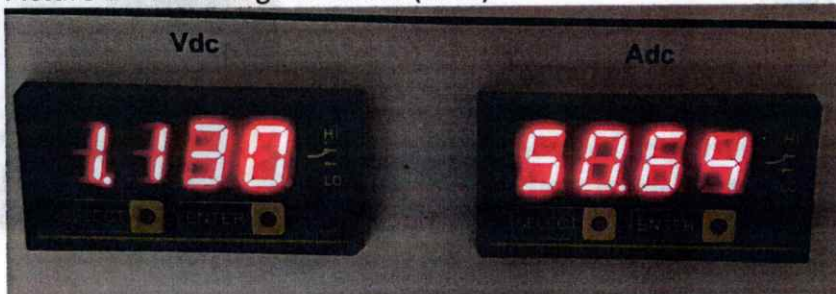


Picture 1 – From cage to upper boom



Calculated Impedance = 0.021Ω

Picture 2 – From cage to turret (base)



Calculated Impedance = 0.022Ω

Picture 3 – From cage to rail wheel



Calculated Impedance = 0.026Ω