Responses to observations and comments from the second review

Dear authors,
The final version of the paper is too hard for reading because of the cross out of the text. In my opinion, the English must be checked thoroughly. Some parts of the paper are written in simple paragraphs, without a clear relation between them, so the reading is not fluent. The quality of most of the figures needs to be improved.
Answer: The cross out is probably due to the change control that was activated when the document was uploaded to the platform. Style revision was carried out. The relationship between paragraphs was taken into account. And the quality of the figures was tried to improve as much as possible

Observations

Abstract
The abstract must be improved, with the inclusion of some relevant results.
Answer: Added to lines 33 through 35
Line 30: The reference to the Auger electronic spectroscopy is crossed out, but it is mentioned in the text.
Answer: It is mentioned again in lines 30 and 31

Keywords
I will delete the term dissimilar because it is too vague.
Answer: Removed from keywords

Text
It is thankfully to remark the changes in the text, but it makes difficult to read this last version.
Answer: Change control is not left active in this second correction
Line 101: The first paragraph of the section 2 must be re-written and joined with the second paragraph. Table 1 seems to be deleted.
Answer: Corrected now on line 90-94
Line 118: Why is “synchronizer between quotation marks?
Answer: Corrected - Quotation marks removed, now the word synchronizer was on line 100
Line 132: Reference to a) and b) must be included in the sentence.
Answer: Corrected now on line 105
Line 134: the paragraph must be re-written, avoiding the use of colon or including numeration of other distinctive mark after it.
Answer: Corrected Numeration was included
Line 135: SALINE CHAMBER must be in lowercase letters.
Answer: Corrected now on line 108
Line 138: change ASTMB117 by ASTM B 117 including it in the references.
Answer: Corrected now on line 110
Line 141: change TAFEL tests by Tafel tests. Revise the use of capital letters.
Answer: Corrected now on line 114
Line 146: There is lack of information about the EIS measurements. What was the potential applied? Did the sample stabilize? The conditions of the experiments are not the same that those for Tafel measurements. The duration of the experiments were 168 hours, why?
Answer: Corrected: It was established that this test was carried out “with the same TAFEL test parameters” now on line 119-120. In the test, times of 1, 24, 48 and 168 hours were used to verify if there were significant differences in the impedance by a possible misapplication of sample collection, now on line 121-122.
Line 149: Authors say that “The chemical composition was established with the FEI-QUANTA 200 equipment”, but, the chemical composition of what?
Answer: Corrected: now on line 123

Lines 193 – 194: Figure 3 appears twice.
Answer: Corrected: now on line 162
Line 212: The quality of the Figure 3 must be improved.
Answer: Corrected: improved to the maximum allowed, now on line 172
Lines 256 and 272: Auger Electron Spectroscopy (AES) is mentioned, but not described in the section 2. Table 2 must be formatted according to the specifications of the journal.
Answer: Corrected: now on line 126-130
Line 299: The quality of the Figure 4 must be improved.
Answer: Corrected: improved to the maximum allowed, now on line 241
Line 335: The quality of the legend of the Figure 6 must be improved. Change S by substrate.
Answer: Corrected: improved to the maximum allowed, now on line 267
Line 372: A reference to experiment 3 is made, but there is not a full description of the set of experiments. It must be included in the section 2 or 3.
Answer: Corrected: now on line 151 -169
Line 374: The literal citation of the numeral X3.7 of the ASTM B 117 is not necessary.
Answer: Corrected: deleted the citation, now on line 318 -322
Line 427: The quality of the Figure 9 must be improved.
Answer: Corrected: improved to the maximum allowed, now on line 359
Line 448: The table is in the middle of the text. The text is in Spanish!!! Use scientific notation. 2
Answer: Corrected: now on line 374 -376
Line 453: EIS test: EIS technique relies to the application of a small-amplitude stimulus (voltage or current), usually superimposed on a dc signal (voltage or current) to an electrochemical system and measurement of the resulting response (current or voltage, respectively) over a wide range of frequencies. The first paragraph includes specific terms that are not usual in EIS, like disturbance or mismatch. EIS allows to obtain information about the porosity, the permeability of the coating and other variables too. This part must be re-written.
Answer: Corrected: now on line 378 -382.
Line 431: The bode plot is a semi-logarithmic plot, so this Figure must be adapted and corrected, including the tick lines. The Bode magnitude - phase plot represents the relation between the frequency, represented as log(f) / Hz with the impedance module, log(|Z|) and with the phase, represented as –phase / deg. All the discussion of the EIs data has lacked of information. According to the plots, there are two time constant. This fact must be discussed. The calculation of the polarization resistance must be clarified: which frequency did you choose? Why did you say that the displacement of the impedance and the “mismatch” angle is due to the localized corrosion, the level of defectology or the projection parameters? It is impossible to conclude that according to the Bode plot without a deeper analysis of the data.
Answer: Corrected: now on line 384 -403, and improved the wording
Line 488: The Nyquist diagram adapted shows in Figure 12 is wrong. The division of the equivalent circuit by the red line is wrong. Please, revise it carefully because it is well stablished the relation between the equivalent circuit parameters and the capacitance and resistance of the coating and the resistance to polarization and the double layer capacitance. The different values of the parameters must be calculated adjusting the EIS data to the equivalent circuit proposed. If not, this part has no sense. This experimental part is not included in the conclusions.
Answer: Corrected: now on line 408 -414, and 454 -457

References
The reference must be formatted according to the specifications of the journal. I strongly recommend to use a reference manager like Mendeley, Endnote, etc. There are a lot of mistakes (missing authors, missing information, etc.).
Answer: Corrected: All references were checked

General observations:
To unify the units according to the International System. Some parts of the paper are written in simple paragraphs, without a clear relation between them, so the reading is not fluent. It must be improved. The quality of English must be checked thoroughly. The use of some signs of punctuation like colons, parenthesis, etc., must be revised.
Answer: It was considered during this second correction.