



## SDI FINAL EVALUATION FORM 1.1

### PART 1:

|                          |                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------|
| Journal Name:            | <a href="#">International Research Journal of Pure and Applied Chemistry</a>                                  |
| Manuscript Number:       | 2014_IRJPAC_9555                                                                                              |
| Title of the Manuscript: | Red Onion skin extract-formaldehyde resin as Corrosion Inhibitor for Mild Steel in Hydrochloric Acid Solution |

### PART 2:

| FINAL EVALUATOR'S comments on revised paper (if any)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Authors' response to final evaluator's comments                                                                                                                                                                                                                                                 |
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| <p>1-in abstract, line 15, a physical adsorption mechanism is proposed. And in text at line 171, this suggestion is based on ref [18]. But ref [18] use different tools and values to confirm the adsorption mechanism they use as dG, Q, .....<br/>So, as I mention before data of thermodynamic parameters must be added.</p> <p>2- Order of references in text is not correct. i.e. at line 55 ref.[8] is used , then at line 64 ref. (20) is used. Correct.</p> <p>3- Where is the analysis of the resin formed as (ir, 1HNMR, 13C, element analysis.....)?</p> <p>4- ref.[19] is missed in text.</p> <p>5-In Fig 1 and its caption what you mean by the symbol "fm".</p> <p>6- lines 161 -164 , the data regarding ref. 10 deal with the chemo and physical adsorption in electrochemical techniques but you did not use these techniques so i suggest to delete this part and use suitable ref. For chemical techniques.</p> <p>7-in table 1, last column, <math>\sigma</math>, what is means.</p> <p>8- Fig 6, data of r2 is overlapped lines of Figure. Correct it.</p> | <p>Data of thermodynamic parameters have been added.</p> <p>Corrected</p> <p>No analysis was done. The structure of the resin is a proposed one.<br/>Corrected.<br/>fm – formaldehyde corrected.</p> <p>Corrected.</p> <p><math>\sigma</math> - surface coverage- corrected.<br/>Corrected.</p> |