materials

MDPI

Correction

Correction: Lara-Banda, M., et al. Alternative to Nitric Acid Passivation of 15-5 and 17-4PH Stainless Steel Using Electrochemical Techniques. *Materials* 2020, *13*, 2836

María Lara-Banda [1], Citlalli Gaona-Tiburcio [1], Patricia Zambrano-Robledo [1], Marisol Delgado-E [1], José A. Cabral-Miramontes [1], Demetrio Nieves-Mendoza [2], Erick Maldonado-Bandala [2], Francisco Estupiñan-López [1], José G. Chacón-Nava [3] and Facundo Almeraya-Calderón [1,*]

[1] Universidad Autonoma de Nuevo Leon, FIME—Centro de Investigación e Innovación en ingeniería Aeronáutica (CIIIA), Av. Universidad s/n. Ciudad Universitaria, San Nicolás de los Garza, Nuevo León 66455, Mexico; marialarabanda@yahoo.com.mx (M.L.-B.); citlalli.gaonatbr@uanl.edu.mx (C.G.-T.); patricia.zambranor@uanl.edu.mx (P.Z.-R.); marisol__1706@hotmail.com (M.D.-E.); jose.cabralmr@uanl.edu.mx (J.A.C.-M.); francisco.estupinanlp@uanl.edu.mx (F.E.-L.)

[2] Facultad de Ingeniería Civil, Universidad Veracruzana, Xalapa, Veracruz 91000, Mexico; dnieves@uv.mx (D.N.-M.); eemalban@gmail.com (E.M.-B.)

[3] Centro de Investigación en Materiales Avanzados (CIMAV), Miguel de Cervantes 120, Complejo Industrial Chihuahua, Chihuahua, Chih 31136, Mexico; jose.chacon@cimav.edu.mx

* Correspondence: falmeraya.uanl.ciiia@gmail.com

Received: 17 November 2020; Accepted: 19 November 2020; Published: 24 November 2020

The author wishes to make the following correction to this paper [1]. Due to mislabeling, replace:

Table 3. Electrochemical noise parameters at various conditions in 5 wt. % NaCl at 49 °C.

Passivated Agent	Stainless Steel Inoxidable	Time (min)	*Rn* (Ω/cm^2)	i_{corr} (mA/cm^2)	LI	Corrosion Type
Citric acid	15-5PH	60	8.01×10^4	6.49×10^4	0.0862	Mixed
		90	5.00×10^5	1.04×10^4	0.0308	Mixed
	17-4PH	60	5.76×10^4	4.51×10^4	0.2492	Localized
		90	3.27×10^5	1.59×10^4	0.0900	Mixed
Nitric acid	15-5PH	60	2.35×10^6	1.1×10^5	0.1871	Localized
		90	1.51×10^6	1.72×10^5	0.1077	Localized
	17-4PH	60	1.03×10^6	2.52×10^5	0.1485	Localized
		90	1.34×10^6	1.94×10^4	0.1727	Localized

Table 4. Potentiodynamic polarization parameters in stainless steels passivated at 49 °C, in 5 wt. % NaCl.

Passivated Agent	Stainless Steel	Time (min)	E_{corr} (mV)	E_{pit} (mV)	i_{corr} (mA/cm^2)	C. R. (mm/year)
Citric Acid	15-5PH	60	−323	42	5.26×10^5	5.54×10^7
		90	−266	147	4.50×10^5	4.75×10^7
	17-4PH	60	−335	91	9.22×10^5	9.64×10^7
		90	−360	97	5.38×10^5	5.63×10^7
Nitric Acid	15-5PH	60	−228	467	2.16×10^5	2.28×10^7
		90	−228	765	2.27×10^5	2.39×10^7
	17-4PH	60	−271	439	3.51×10^5	3.67×10^7
		90	−279	323	4.41×10^5	4.61×10^7

with

Table 3. Electrochemical noise parameters at various conditions in 5 wt. % NaCl at 49 °C.

Passivated Agent	Stainless Steel	Time (min)	Rn (Ω/cm^2)	i_{corr} (mA/cm^2)	LI	Corrosion Type
Citric acid	15-5PH	60	8.01×10^{-4}	6.49×10^{-4}	0.0862	Mixed
		90	5.00×10^{-5}	1.04×10^{-4}	0.0308	Mixed
	17-4PH	60	5.76×10^{-4}	4.51×10^{-4}	0.2492	Localized
		90	3.27×10^{-5}	1.59×10^{-4}	0.0900	Mixed
Nitric acid	15-5PH	60	2.35×10^{-6}	1.1×10^{-5}	0.1871	Localized
		90	1.51×10^{-6}	1.72×10^{-5}	0.1077	Localized
	17-4PH	60	1.03×10^{-6}	2.52×10^{-5}	0.1485	Localized
		90	1.34×10^{-6}	1.94×10^{-4}	0.1727	Localized

Table 4. Potentiodynamic polarization parameters in stainless steels passivated at 49 °C, in 5 wt. % NaCl.

Passivated Agent	Stainless Steel	Time (min)	E_{corr} (mV)	E_{pit} (mV)	i_{corr} (mA/cm^2)	C. R. (mm/year)
Citric Acid	15-5PH	60	−323	42	5.26×10^{-5}	5.54×10^{-7}
		90	−266	147	4.50×10^{-5}	4.75×10^{-7}
	17-4PH	60	−335	91	9.22×10^{-5}	9.64×10^{-7}
		90	−360	97	5.38×10^{-5}	5.63×10^{-7}
Nitric Acid	15-5PH	60	−228	467	2.16×10^{-5}	2.28×10^{-7}
		90	−228	765	2.27×10^{-5}	2.39×10^{-7}
	17-4PH	60	−271	439	3.51×10^{-5}	3.67×10^{-7}
		90	−279	323	4.41×10^{-5}	4.61×10^{-7}

The authors would like to apologize for any inconvenience caused to the readers by these changes.

Reference

1. Lara-Banda, M.; Gaona-Tiburcio, C.; Zambrano-Robledo, P.; Delgado-E, M.; Cabral-Miramontes, J.; Nieves-Mendoza, D.; Maldonado-Bandala, E.; Estupiñan-López, F.; Chacón-Nava, J.; Almeraya-Calderón, F. Alternative to Nitric Acid Passivation of 15-5 and 17-4PH Stainless Steel Using Electrochemical Techniques. *Materials* **2020**, *13*, 2836. [CrossRef]