



Publisher Correction: Investigation of a hybridized combined cycle engine with SOFC system for marine applications

Shaimaa Seyam¹ · Ibrahim Dincer¹ · Martin Agelin-Chaab¹

Published online: 9 January 2023
© Akadémiai Kiadó, Budapest, Hungary 2023

Correction to: Journal of Thermal Analysis and Calorimetry
<https://doi.org/10.1007/s10973-022-11765-y>

In the original publication of the article, few typo errors were found in Table 6 and the corrected table was given below. The original article has been corrected.

Table 6 Datasheet of SOFC [35]

Parameters	Value
Cell temperature, T_c/K	1073
Cell pressure, P_c/kPa	1823
Current density, $i/A/m^{-2}$	6000
Active cell area, A_c/m^2	0.7
# of cells per a stack, N_c	100
# of stacks, N_s	34
Total area, A_t/m^2	2380
Anode thickness, $\delta_{an}/\mu m$	20

Table 6 (continued)

Parameters	Value
Cathode thickness, $\delta_{ca}/\mu m$	50
Electrolyte thickness, $\delta_{el}/\mu m$	500
Interconnect thickness, $\delta_{in}/\mu m$	20
Porosity of anode, ϵ_{na}	0.5
Porosity of cathode, ϵ_{ca}	0.5
Tortuosity for anode and cathode, ξ	6
FDV* of hydrogen, v_{H_2}/m^3	7.07
FDV* of water, v_{H_2O}/m^3	12.7
FDV* of oxygen, v_{O_2}/m^3	16.6
FDV* of nitrogen, v_{N_2}/m^3	17.9

*FDV...Fuller diffusion volume

Publisher's Note Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

The original article can be found online at <https://doi.org/10.1007/s10973-022-11765-y>.

✉ Shaimaa Seyam
Shaimaa.seyam@ontariotechu.net

Ibrahim Dincer
Ibrahim.dincer@ontariotechu.ca

Martin Agelin-Chaab
Martin.agelin-chaab@ontariotechu.ca

¹ Clean Energy Research Laboratory (CERL), Ontario Tech University, Oshawa, ON L1G 0C5, Canada