ERRATUM

In the Kuwait Journal of Science, Vol.50, Issue No.(3A), July 2023, pp. 1-12 of the article titled, "Thermo-mechanical assessment of high entropy (Fe-Ni-Cx (X=0.3-0.5), (Fe-Cr-Cx (X=0.3-0.5) ternary alloys system using calphad method," by Waseem Ullah Shah, Dil Faraz Khan, Haiqing Yin, and Saeed Ullah there has been an error in the alloying composition of Table 2 and Table 3. In alloying three elements, either Fe,Cr,C / Fe,Ni,C, the total composition should not exceed 100 mass%. Accordingly, the composition of the Mass% Fe column in both Table 2 and Table 3 have been revised to provide the corrected alloying elements results in consideration of this fact.

Table 2. Crack Susceptibility Coefficient of Fe-Cr-C/Fe-Ni-C alloys

Crack Susceptibility Coefficient Fe-Cr-C	Crack Susceptibility Coefficient Fe-Ni-C	Mass % C/ Temperature K		Mass% Ni	Mass % Fe	Mass % Cr
0.27	0.52	0.0000	500	0.010	99.99	0.010
1.89	1.04	0.0512	500	0.010	99.9388	0.010
2.70	1.56	0.11	500	0.010	99.88	0.010
1.89	2.54	0.152	500	0.010	99.838	0.010
1.08	2.60	0.25	500	0.010	99.74	0.010
1.08	2.08	0.255	500	--	99.735	0.010
0.81	1.82	0.35	500	--	99.64	0.010
0.54	1.73	0.357	500	--	99.633	0.010
0.54	1.56	0.4000	500	--	99.59	0.010
0.27	1.56	0.451	500	--	99.539	0.010
0.27	1.30	0.452	500	--	99.538	0.010

Table 3. Yielding strength Fe-Cr-C/Fe-Ni-C

Total yield strength Fe-Cr-C	Total yield strength Fe-Ni-C	Mass % C	T:^{0}K	Mass % Fe	Mass% Cr	Mass% Ni
40	38	0.00000	500-1000	99.99	0.010	0.010
100	36	0.1	1050	99.89	0.010	0.010
798	36	0.2	1250	99.79	0.010	0.010
798	28	0.3	1230-1700	99.69	0.010	0.010
670	24	0.4	1800	99.59	0.010	0.010
400	5	0.5	1850	99.49	0.010	0.010
40	5	0.55	1900	99.44	0.010	0.010