

Supplementary Materials: Microstructural Analysis and Tribological Behavior of AMDRY 1371 (Mo–NiCrFeBSiC) Atmospheric Plasma Spray Deposited Thin Coatings

Cornelia Cîrlan Paleu¹, **Corneliu Munteanu**^{1,*}, **Bogdan Istrate**¹, **Shubrajit Bhaumik**³, **Petrică Vizureanu**^{2,*}, **Mădălina Simona Bălțatu**² and **Viorel Paleu**^{1,*}

¹ Department of Mechanical Engineering, Mechatronics and Robotics, Faculty of Mechanical Engineering, Gheorghe Asachi Technical University of Iași, 63 D. Mangeron Blvd., 700050 Iași, Romania; cpaleu@yahoo.com (C.C.P.); bogdan_istrate1@yahoo.com (B.I.)

² Department of Technologies and Equipments for Materials Processing, Faculty of Materials Science and Engineering, Gheorghe Asachi Technical University of Iași, Blvd. No. 51, Mangeron, 700050 Iasi, Romania; cercel.msimona@yahoo.com

³ Tribology and Surface Interaction Research Laboratory, Department of Mechanical Engineering, SRM Institute of Science and Technology, 603203 Kattankulathur, India; shubrajb@srmist.edu.in

* Correspondence: corneliu.munteanu@academic.tuiasi.ro (C.M.); peviz@tuiasi.ro (P.V.); vpaleu@tuiasi.ro (V.P.); Tel.: +40-744-793-984 (P.V.)

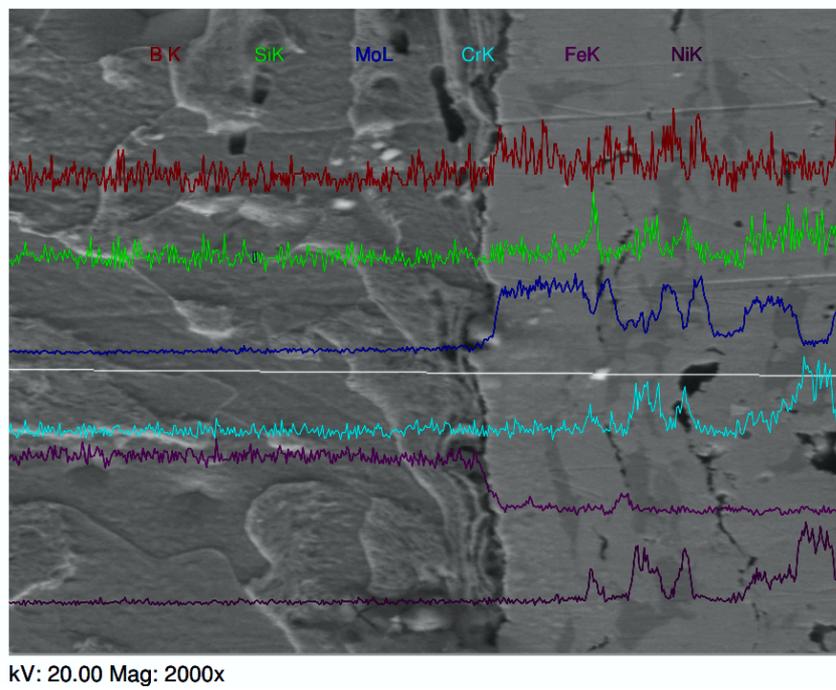
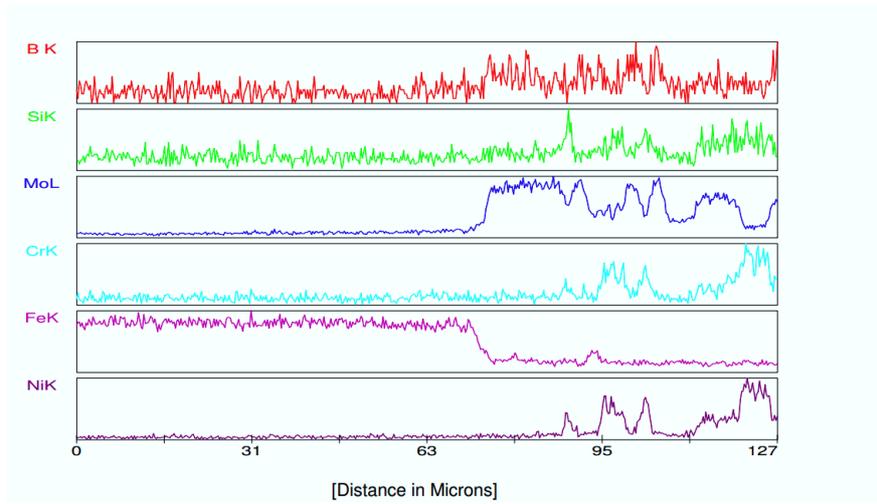


Figure S1. Line scan EDS results - Cross section - 5L sample - AMDRY1371. (a) Table of elements; (b) elemental distribution over real surface.

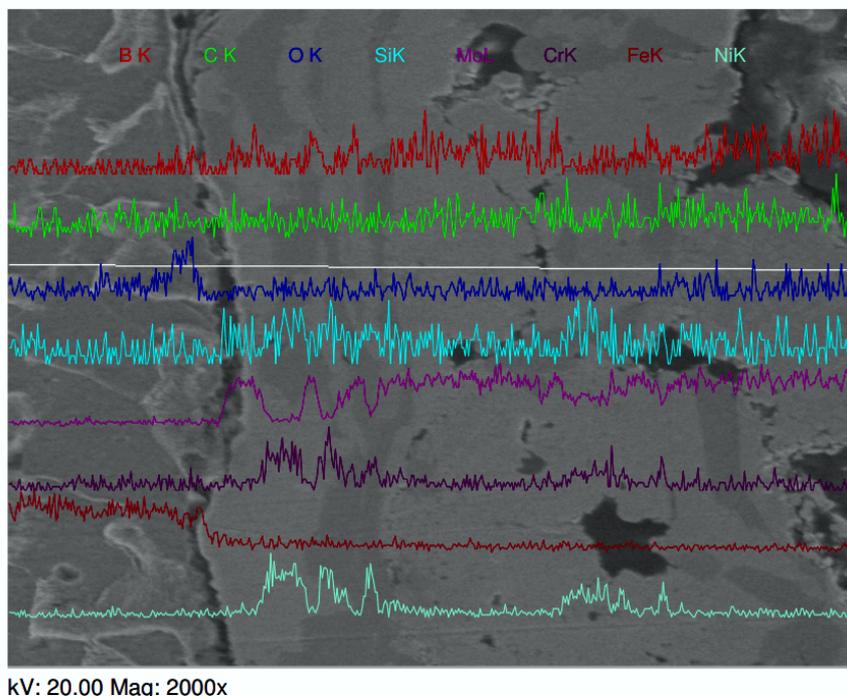
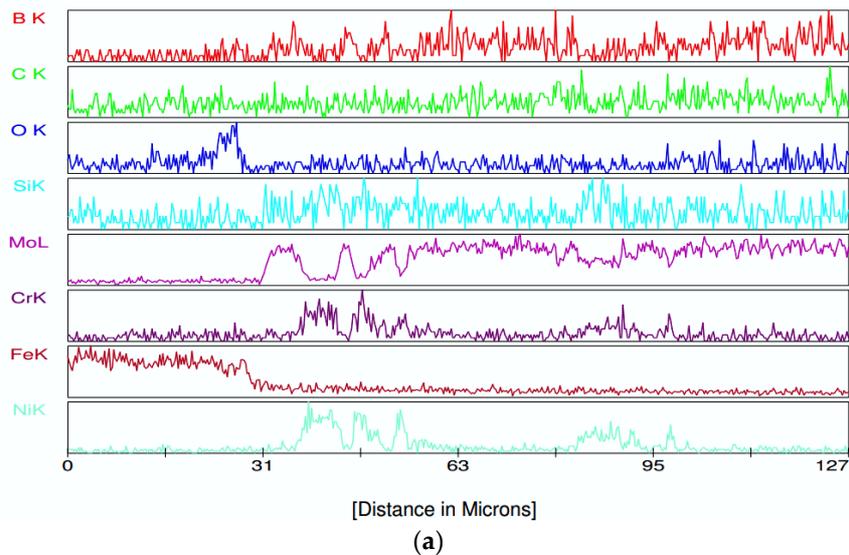
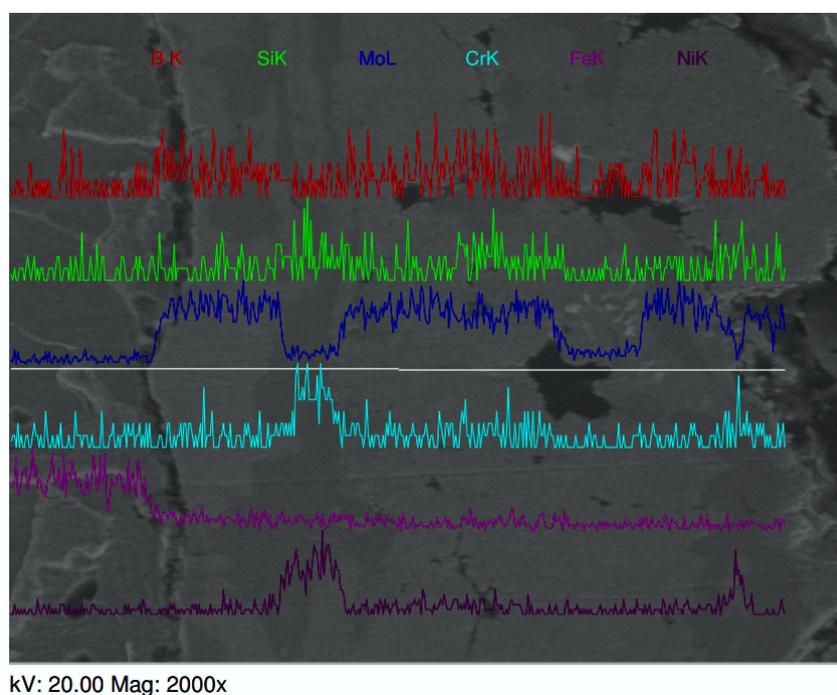
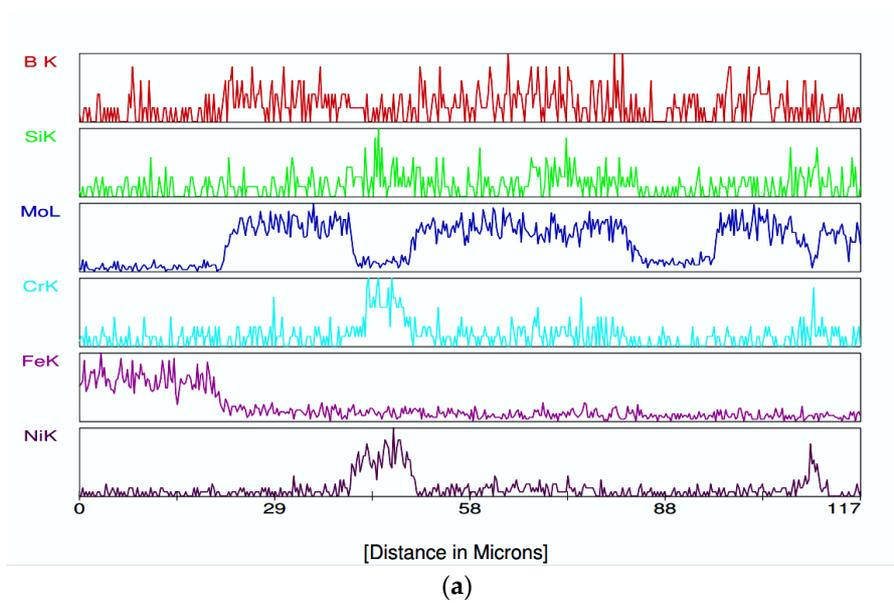


Figure S2. Line scan EDS results - Cross section EDS - 7L sample - AMDRY1371. (a) Table of elements; (b) elemental distribution over real surface.



(b)

Figure S3. Line scan EDS results - Cross section EDS - 9L sample - AMDRY1371. (a) Table of elements; (b) elemental distribution over real surface.

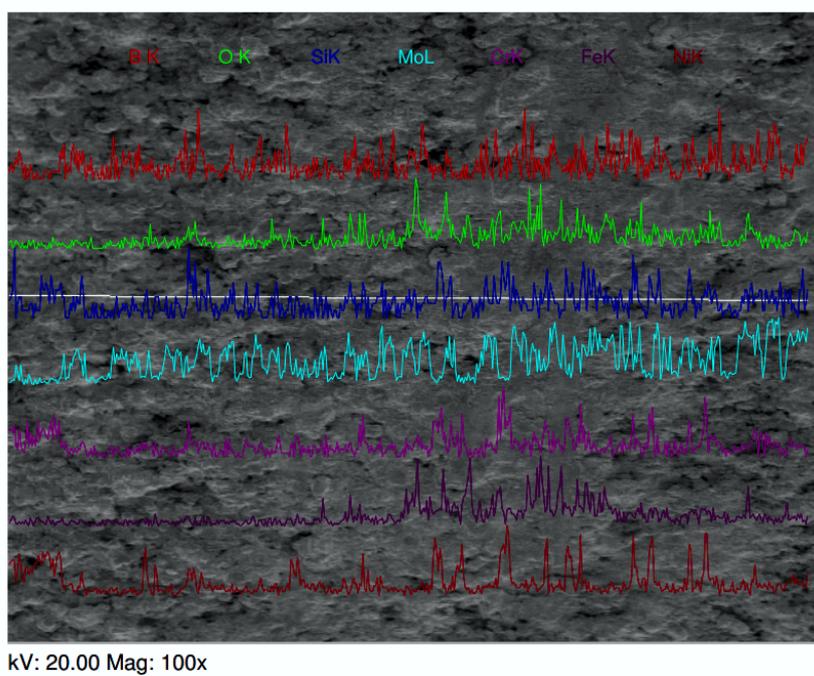
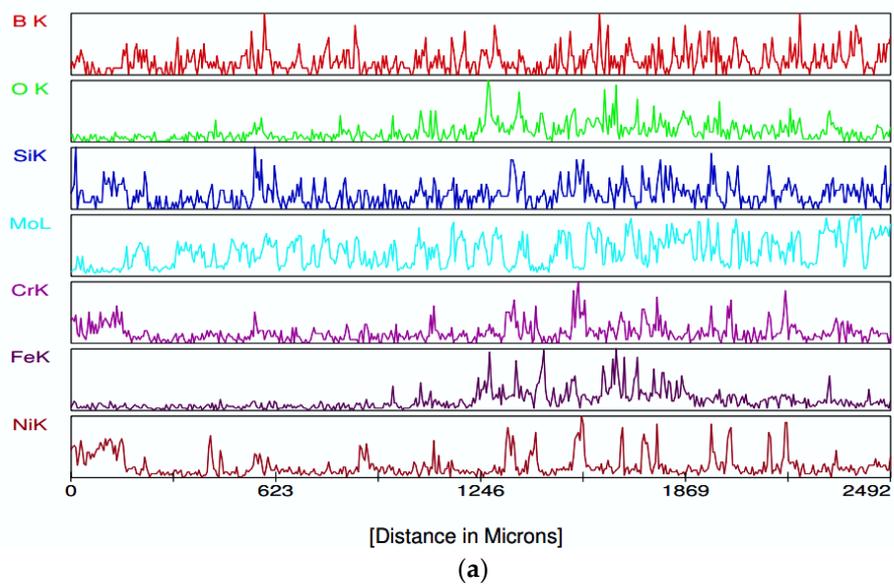


Figure S4. Line Scan EDS results over worn surface - 5L sample - AMDRY1371. (a) Table of elements; (b) elemental distribution over real surface.

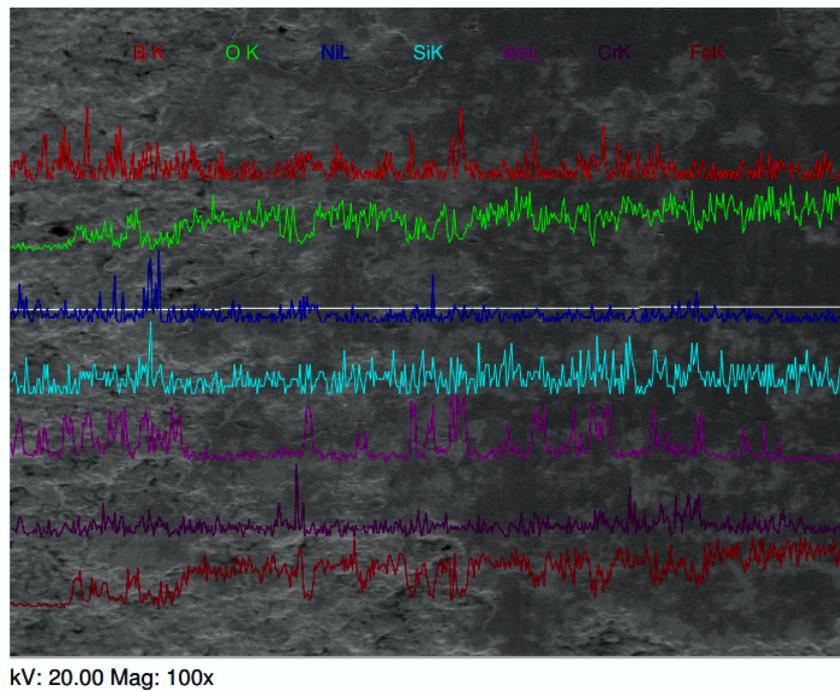
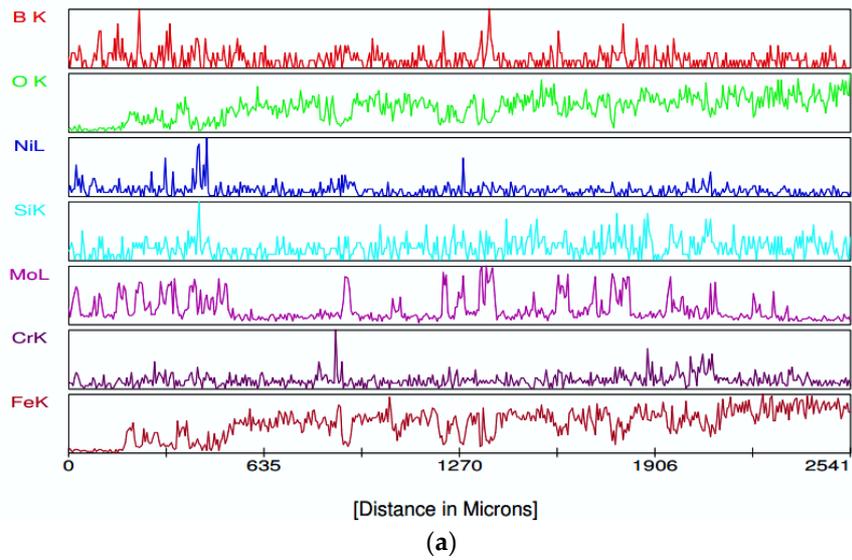


Figure S5. Line Scan EDS results over worn surface - 7L sample - AMDRY1371. (a) Table of elements; (b) elemental distribution over real surface.

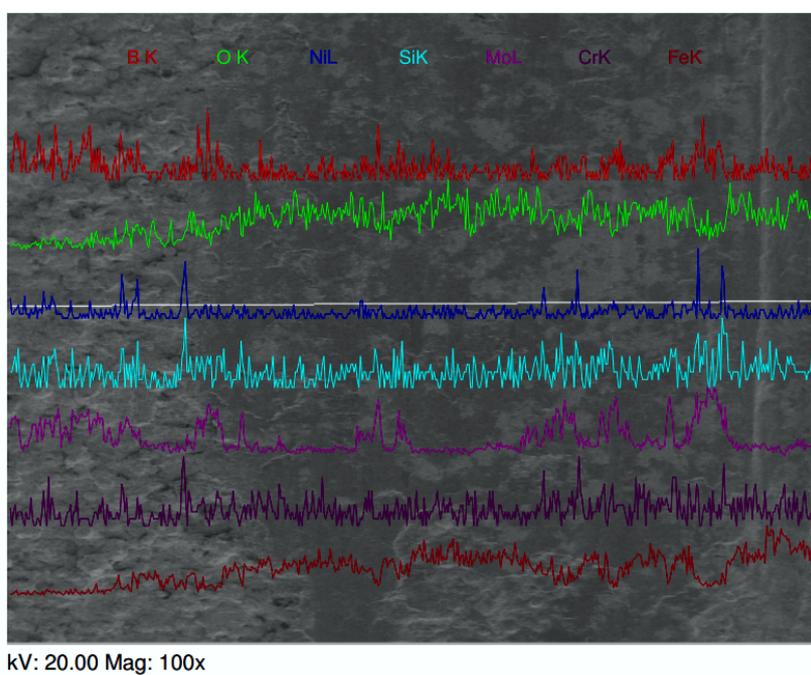
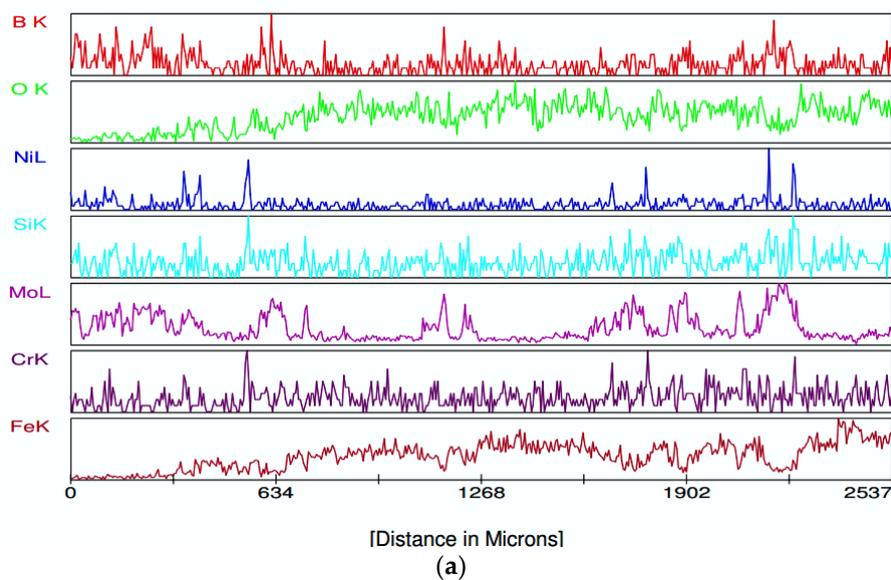


Figure S6. Line Scan EDS results over worn surface - 9L sample - AMDRY1371. (a) Table of elements; (b) elemental distribution over real surface.

Publisher's Note: MDPI stays neutral with regard to jurisdictional claims in published maps and institutional affiliations.



© 2020 by the authors. Submitted for possible open access publication under the terms and conditions of the Creative Commons Attribution (CC BY) license (<http://creativecommons.org/licenses/by/4.0/>).