### Accepted Manuscript

Title: Defined hydrodynamic shear stresses influence the adhesion behaviors of marine *Bacillus* sp. on stainless steel in artificial seawater

Authors: Leila Abdoli, Chunhai Guo, Xiuyong Chen, Xiaoyan He, Hua Li

PII:	S0927-7757(18)30484-9
DOI:	https://doi.org/10.1016/j.colsurfa.2018.06.008
Reference:	COLSUA 22577
To appear in:	Colloids and Surfaces A: Physicochem. Eng. Aspects
Received date:	28-2-2018
Revised date:	1-6-2018
Accepted date:	2-6-2018

Please cite this article as: Abdoli L, Guo C, Chen X, He X, Li H, Defined hydrodynamic shear stresses influence the adhesion behaviors of marine *Bacillus* sp. on stainless steel in artificial seawater, *Colloids and Surfaces A: Physicochemical and Engineering Aspects* (2018), https://doi.org/10.1016/j.colsurfa.2018.06.008

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



### ACCEPTED MANUSCRIPT

# Defined hydrodynamic shear stresses influence the adhesion behaviors of marine *Bacillus* sp. on stainless steel in artificial seawater

Leila Abdoli<sup>a,c</sup>, Chunhai Guo<sup>b,c</sup>, Xiuyong Chen<sup>a,\*</sup>, Xiaoyan He<sup>a</sup>, Hua Li<sup>a,\*</sup>

<sup>a</sup> Key Laboratory of Marine Materials and Related Technologies, Zhejiang Key Laboratory of Marine Materials and Protective Technologies, Ningbo Institute of Materials Technology and Engineering, Chinese Academy of Sciences, Ningbo 315201, China

<sup>b</sup> Institute of Advanced Manufacturing Technology, Ningbo Institute of Materials
Technology and Engineering, Chinese Academy of Sciences, Ningbo 315201, China
<sup>c</sup> These authors contributed equally to this work

#### \* Corresponding author

Tel: +86-574-86685171

Fax: +86-574-86685159

E-mail address: chenxiuyong@nimte.ac.cn, lihua@nimte.ac.cn

Download English Version:

## https://daneshyari.com/en/article/6977362

Download Persian Version:

https://daneshyari.com/article/6977362

Daneshyari.com