

POWER OF ATTORNEY

for the annual general meeting of ASM International N.V. (the "**Company**"), to be held at Monday 17 May 2021, 14:00 CET, at the Company's office, Versterkerstraat 8, Almere, the Netherlands (the "**AGM**").

The undersigned:

(shareholder natural person)

First name(s): _____

surname: _____

address: _____

postal code and town: _____

country: _____

telephone number: _____

bank: _____

registration number¹: _____

or

(legal person shareholder)

name: _____

statutory seat: _____

office address: _____

postal code and town: _____

country: _____

telephone number: _____

bank: _____

registration number²: _____

(the "**Shareholder**"), on the record date (19 April 2021) holder of _____ (number) common shares in the share capital of the Company (the "**Shares**"),

¹ The number received from ABN AMRO as proof of registration for the AGM.

² The number received from ABN AMRO as proof of registration for the AGM.

declares to grant a power of attorney to: mr. Michel van Agt (an independent civil law notary from Loyens & Loeff N.V.) or his legal substitute, with the right of substitution (the “**Representative**”), to attend and address the AGM on behalf of the Shareholder and to cast votes (electronically or otherwise) on the Shares in accordance with the following instructions set out below³:

	Agenda item	In favour	Against	abstain
1	Opening / Announcements	n.a.	n.a.	n.a.
2	Report on the financial year 2020	n.a.	n.a.	n.a.
3	Remuneration Report 2020			
4	Adoption of the Annual Accounts 2020			
5	Adoption of dividend proposal			
6	Discharge of the members of the Management Board			
7	Discharge of the members of the Supervisory Board			
8	Composition of the Management Board Appointment of Mr. Paul Verhagen as member of the Management Board			
9	Composition of the Supervisory Board Reappointment of Mrs. Stefanie Kahle-Galonske to the Supervisory Board			
10	Appointment of the Company's auditor for the financial year 2021			
11 (a)	Designation of the Management Board as the competent body to issue common shares and rights to acquire common shares			
11 (b)	Designation of the Management Board as the competent body to set aside any pre-emptive rights with respect to the issue of common shares and rights to acquire common shares			
12	Authorization of the Management Board to repurchase common shares in the Company			
13	Amendment of Articles of Association			
14	Withdrawal of treasury shares			
15	Any other business	n.a.	n.a.	n.a.
16	Closure	n.a.	n.a.	n.a.

and declares:

to indemnify and to hold harmless the Representative against any claims, actions or proceedings made against the Representative and against any damages, costs and expenses that the Representative might incur in connection with this power of attorney and to agree that the Representative undertakes any action that the Shareholder could or would be entitled to undertake.

³ If you do not give voting instructions, your proxy shall be deemed to include a voting instruction in favour of all proposals made by the Management Board and/or the Supervisory Board.

This power of attorney is governed by Dutch law. Disputes, if any, with respect to this power of attorney shall be exclusively submitted to the competent Court in Amsterdam.

signature: _____

place: _____

date: _____.

Please attach copy of passport or identity card. In case of a legal person shareholder, please also include proof of representative authority.