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Abstract: This document contains formatting instructions for preparing a paper for KONA. These formatting instructions comply with the rules set by Hosokawa Powder Technology Foundation (HPTF) for the publication of the papers in the series: KONA Powder and Particle Journal.

The manuscript title must be in “Title Case”, i.e., when writing a name or a title, you should use capital letters only for the first word.

Title should be followed by the list of authors in the format given above, denoting the corresponding author with an asterisk. Further should be given the author affiliations. Below that, the email and telephone and fax numbers of the corresponding author should be provided.

Start this abstract paragraph which should summarize the scope, aims, results and conclusions of the work, and should not exceed 200 words. Below that, a graphical abstract should be provided, which should be a concise, visual summary of the article and will be displayed in the contents list both online on print.

If you need assistance, please do not hesitate to contact KONA editorial secretariat, or any further address you may have received for this purpose.

Keywords: powder, particle, the appropriate number of keywords is 5 or 6.

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These instructions are to be followed strictly, and it is strongly advised to use the styles indicated in this document between square brackets. It is strongly advised NOT to use formatting or styles in your paper different from the ones mentioned here.

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The book size will be in A4 (210 x 297 mm). Left margin 25 mm, Right Margin 20 mm, Top Margin 25 mm and Bottom Margin 25 mm. Please make sure that you do not exceed the indicated type area.

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The maximum pages printed in KONA are supposed to be 15 for an original paper and 25 for a review paper.

Do NOT include page numbers. Do NOT add Headers or Footers.

1.2. Type font and type size

Prescribed font is Times New Roman, 10 points, with an 11 pts line spacing (1.1 multiple lines), 1 column.

However, if your text contains complicated mathematical expressions or chemical formulae, you may need to increase the line spacing. Running text should be justified.

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The way chapter titles and other headings are displayed in these instructions, is meant to be followed in your manuscript.

Level 1: Times New Roman, 11, Bold, 12 pt spacing before heading, 6 pt spacing below heading

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ing,

Do NOT begin a new section directly at the bottom of the page, but transfer the heading to the top of the next page.

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It is requested to minimize usage of footnotes. All references should be in the References. Explanations should be preferably included in the text. (Foot)notes placed at the bottom of the page should fit within the type area. Separate them clearly from the text by adding two line spaces. Use Times New Roman 8 pt.

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If symbols are defined in a nomenclature section, symbols and units should be listed in alphabetical order with their definition and dimensions in SI units. In principle, variables are to be presented in italics.

Please use the SI set of units as much as possible. Wherever the application domain uses a different set of units widely, please minimize the use of non-standard units or non-standard symbols for those units. As examples, the use of “a” for year (annum) is depreciated and the use of “y” is encouraged instead. Similarly, “h” should be used for hours instead of “hr” and “t” instead of “ton” or “tonne”. It is important to take care of the case in which the measurement units are typed. E.g. “Km” does not mean “kilometers”, but “Kelvin-meters”. Powers of e are often more conveniently denoted by exp.

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The authors are encouraged to render the num-

bers according to the International rules, specifying the dot as a decimal separator and the comma as a thousand's separator.

5. Equations

Make sure that placing and numbering of equations is consistent throughout your manuscript.

$$\gamma_T \frac{dx}{dt} = F_d \cos \varphi + \xi_x(t) \quad (1)$$

$$\bar{C}(t) = \frac{1}{N} \sum_{i=1}^N C_i(t) \quad (2)$$

Left align the equation and put the number of the equation flush-right, using a Right Tab on the right margin. Please reference equations in the text by writing: Eqn. .. (do not use Equation ..) In principle, variables are to be presented in italics.

6. Figures and tables

6.1. General

Figures and tables should be originals or sharp prints. Please use the SI set of units as much as possible. Figures and tables should be centered and placed either at the top or at the bottom of the page. Please do not render tables as pictures and please do not use too small font sizes in the illustrations. Please use the following fonts in your illustrations: Times New Roman, Symbol, or use fonts that look similar.

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Set table number and title flush left above table. Horizontal lines should be placed above and below table headings and at the bottom of the table. Vertical lines should be avoided. Title should use Times New Roman 10, italic, with 12 pt before and 4 pts after the paragraph, left justified at the top of the table. Tables have to be included into the text. If a table is too long to fit one page, the table number and heading should be repeated on the next page before the table is continued. Alternatively the table may be spread over two consecutive pages (first an even numbered, then an odd-numbered page) turned by 90°, without repeating the heading.

Table 1 Table title should be placed above the table and adjust text to table width.

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^a Remarks or references regarding fields or data in the table. Use and adjust text to table width.

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Fig. 1 Captions should be placed below each illustration, font Times New Roman, 9 pts, with 12 pt before and 12 pts after the paragraph. Figures and figure captions should be placed flush-left; two narrow figures may be placed side-by-side. Please reference figures in the text by writing: **Fig.** (do not use Figure)..., reprinted with permission from Ref. (Tsuji et al., 1992). Copyright: (1992) Elsevier B.V.

7. Concerning references

In order to give our readers a sense of continuity, we encourage you to identify KONA articles of similar research in your papers. Please, do a literature check of the papers published in KONA in recent years at www.kona.or.jp.

Concerning references type, the alphabetical system should be adopted. Please use reference management softwares such as all products that support Citation Style Language styles (<http://citationstyles.org/>), such as Mendeley and Zotero, as well as EndNote (<https://endnote.com/>) to manage references as far as possible.

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than two authors, text citations should be shortened to the first author followed by "et al.", e.g. "Hidaka J. et al. (1995) have recently shown" However, in the list of References the names and initials of all authors should be mentioned. Just "et al." is neither ethical nor politically correct.

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You do not need to repeat <http://> as modern browsers do not require it. However the date of the last access should be always provided.

Acknowledgements

This scientific work was partly financed from the budget for sciences in the years 2010-2013 as Research Project No. NN209023739, and was also supported by Cummins Filtration Ltd.

Nomenclature

Symbols and units should be listed in alphabetical order with their definition and dimensions in SI units.

AIT	Auto-Ignition Temperature (usually Minimum Auto-Ignition Temperature)
CCPS	Center for Chemical Process Safety (USA)
ISD	Inherently Safer Design
LOC	Limiting Oxygen Concentration (below which explosion is not possible)
PVC	Polyvinylchloride
STP	Standard Temperature and Pressure
A	surface of filter sample (mm^2)
D	particle size (μm)
l	length (m)
m	mass (kg)
P	pressure (Pa)
t	time (s)
Δt	time duration of explosion
T	temperature (K)
V	volume of a vessel (L)
α	filter average packing density (-)
ε	aggregate porosity (-)
ε_F	filter porosity (-)
λ	gas mean free path (m)
μ	gas viscosity (Pa s)
ρ	solid concentration in the cluster (-)
ρ_g	gas density (kg m^{-3})

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