Readme: Descriptive data for USN Research Data Archive

Dataset generated by [Agnieszka Weronika Lach]

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GENERAL INFORMATION

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TITLE FOR THE DATASET

Experimental data- hydrogen safety, thermal effects

INFORMATION ON PERSON PERSON RESPONSIBLE FOR COLLECTING THE DATA

- Agnieszka Weronika Lach

- USN

- [agl@usn.no](mailto:agl@usn.no)

- Andre V. Gaathaug

- USN

- [Andre.V.Gaathaug@usn.no](mailto:Andre.V.Gaathaug@usn.no)

DATE(S) OF DATA COLLECTION

- 2021.06

GEOGRAPHIC LOCATION(S) OF DATA COLLECTION

- Norway

LANGUAGE

- English.

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FILE INFORMATION

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FOR EACH FILENAME

- Matlab and Phyton is required to open the file

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SHARING

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ALL UPLOADED DATASETS HAVE THEIR OWN CITE AND SHARING SECCTION IN USN RESEARD DATA ARCHIVE

-If your data require different citation methods than the traditional citation methods, please specify.

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METHODOLOGY

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DESCRIBE THE PROCESS OF COLLECTING AND GENERATING YOUR DATA

- Measurements data were done with the voltage signal read and stored at the oscilloscopes.

- 2 oscilloscopes (HBM) 1 Sefram Data logger

-short-terms used in files:

-TPRD - Thermal Pressure Relief Device

-ACH – Air Change per Hour

-MFR – Mass Flow Rate

Further reading:

https://web.archive.org/web/20120413115438/http://www.datadryad.org/depositing

https://data.research.cornell.edu/content/readme#bestpractices

https://www.dataone.org/best-practices/document-and-store-data-using-stable-file-formats