How do we do this? Again, using the industry standard reference photographs, we can consider that the rust grade is X. Taking a selected number of measurements we can find the average surface rust coloration to have an index of 10, for example. For any value below this figure, the device will read "NB" (non-blasted). For a more accurate measurement, the WA Clean indexes can be set to any of the levels of current cleanliness grade: SP7 / SP6 / SP10 / SP5 (Sa1 / Sa2 / Sa2.5 / Sa3). NACE 1/2/3/4 can also be used.

Not only can we use the cleanliness values interface, the device can be used in PASS / FAIL mode. Again, for example, if our minimum specification calls for a surface to be no lower than SP10, we can calibrate the WA Clean to that required index. Should the reading be lower than the given value it will tell us the part is in FAIL. The discretion of the user or quality department can then determine if the substrate is subject to additional blasting.

Field Tested and Approved

The WA Clean was developed through the time and involvement of pilot customers—mainly pipe coating facilities. A large Russian manufacturer and coater of steel pipe for the gas industry using FBE (Fusion Bonded Epoxy) tested the WA Clean and wrote the following in their Quality Control procedures:

- "*Very happy with the tool, find it very useful, especially at night time or when not enough light.*"
- "*All people very happy with it, even the head of the shop wants to help with certification.*"
- "*We managed to solve disagreement with inspectors thanks to WA Clean.*"

For more information on the WA Clean in North America, please contact: Craig Wallbank at Office Phone: (936) 253 5301, Cell phone: (281) 853-5463, Email: craig.wallbank@wabrasives.com or Charlie Gorman at Office Phone: (936) 253-5302, Cell Phone: (915) 526-5180, Email: charlie.gorman@wabrasives.com.

In Europe and Asia, visit wabrasives.com for contact information.

The WA Clean is ideal for pipe coating, rail and steel plate.

The 13th International Conference on Shot Peening

Hotel Delta Montreal
475, President-Kennedy Avenue
Montreal, H3a 1j7 Canada
September 18-21, 2017

Aims and Scope

Prof. Martin Lévesque
Conference Chairperson

The purpose of this conference is to foster exchanges between academic and industrial scientists on processes inducing beneficial residual stresses, as well as their effects, with an emphasis on traditional shot peening. While this is not an exhaustive list, processes like deep rolling, laser peening, ultrasonic peening, cavitation peening, flapper peening and needle peening fit within the conference's scope. In addition, fundamental or applied aspects, modeling, experimental methods, fatigue life, forming and industrial applications will be addressed.

Keynote Speakers

- Dr. Nihad Ben Salah, Safran Research Center
- Professor Yukui Gao, Tongji University
- Professor Michael Hill, University of California
- Mario Guagliano, Politecnico di Milano

Presentations

The organizing committee anticipates at least 75 high quality talks (18 minutes + 7 minutes question and answer period). Poster sessions might also be arranged based on the number of proposal and the available time slots.

Proceedings

The conference papers will be compiled into a proceedings booklet.

Student Presentation Awards

Students (undergraduate, graduate and post-doctoral fellows) are encouraged to present their works at the conference. A jury will evaluate oral presentations made by students and will distribute three "best presentation awards" during the banquet.

Exhibition

An exhibition of commercial products related to the conference topics will held parallel to the conference.

Registration

Early registration begins May 30, 2017.

Additional Information

Website: www.polymtl.ca/icsp13/en
Conference Chairman: Professor Martin Lévesque at martin.levesque@polymtl.ca