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.