Screen Manufacturing Design Inc. REPLACEMENT SHAKER SCREENS AND COMPLIANCE TO API RP 13C

As an independent replacement screen manufacturer, SMDI has taken extensive steps to follow the guidelines established by the American Petroleum Institute. API RP 13C and being Compliant in this testing procedure means that manufacturers test certain meshes using the spelled criteria within the test. The manufacturers then label both their screens and packaging with the results of the test and are then API Compliant. The procedure tests mesh performance down to a specific micron. That micron # falls into a range of microns which then correlates in the API # established for that range of microns. SMDI compliant meshes are listed below along with table 5 pg. 40 and 41 of the testing procedure to show the breakdown of API #'s and the range of microns that fall within the API #.

API RP 13C is a standard used by manufacturers to comply with this standard. The identification tag describes the separation potential, the conductance, and the non-blanketed area of the screen. Screen designations and labeling are included as a method for manufacturers to mark screens in a consistent manner. The screen designation is the fraction of drilled rock discarded compared with the volume of drilled solids generated. Shale shaker screen designations and labeling are included as a method for manufacturers to mark screens in a consistent manner. The screen identification tag describes the separation potential, the conductance, and the non-blanketed area of the screen. Screen manufactures shall use this designation to comply with this standard.

SMDI’s membership to API and adherence to the standards set forth in API RP 13C makes us a reliable source for replacement shaker screens and we look forward to working with you.

All API RP 13C test results are from an independent lab. Data is for informational purposes only. Original test data was provided for Global Wire Cloth. SMDI purchased all of Global Wire Cloth’s assets in 2012, including API test results and manufacturing procedures.

The American Petroleum Institute description is the following: “This procedure gives a method to determine the drilled solids removal efficiency by a set of drilling fluid processing equipment. The drilled solids removal efficiency refers to the fraction of drilled rock discarded compared with the volume of drilled solids generated. Shale shaker screen designations and labeling are included as a method for manufacturers to mark screens in a consistent manner. The screen identification tag describes the separation potential, the conductance, and the non-blanketed area of the screen. Screen manufactures shall use this designation to comply with this standard.

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