

# MySCE solids control application

Fast, accurate solids control application from any smart device



The Brandt™ MySCE™ solids control phone application is a first to the market performance calculator designed to assist drilling management team members by predicting and modeling drilling costs that are controlled by solids control efficiency and cuttings waste management practices.

This indispensable software toolbox eliminates the need to sort through multiple spreadsheets or depend on estimates from 3rd parties for vital calculations affecting your drilling costs. You can now easily and immediately estimate fluid-related costs including screen costs, base fluid usage, mud volumes, cuttings waste volume, and mud lost with cuttings. The MySCE application works as a pre-planning tool for future wells and/or benchmarking tool to evaluate past well performance against solids control metrics.

## A practical and simple way to predict “what if” scenarios

The application models performance based on well geometry, as well as measured solids control performance metrics. Simply input the required parameters into the calculator from anywhere in the world to understand clear predictions that assist in understanding anticipated well costs.

As a leader in solids control and waste management, the MySCE application builds on our proven history of industry-leading innovation focused on streamlining your operations and reducing drilling costs. The MySCE application is available to download on all app stores. For more information, please contact your sales representative.

## Features and Benefits

- Post well benching to KPIs
- Predicating AFE cost for future wells
- Creating “what if” simulations that relate solids control KPIs to each other and to overall costs
- Standardizing of MCR, ROC, Retort Data, and more

## Application Views

- Well information
- Calculators
  - Screen cost estimator
  - Cuttings handling KPIs
  - Mud to cuttings ratio
- FAQs and references



Apple Store



Google Play Store

# MySCE solids control application

Well Information

Enter all of the well information, then tap the calculate button.

Enter the Bit Diameter

Interval Start Depth

Interval End Depth

Estimated Washout Percentage

Solids Removal Efficiency (SRE)

Mud to Cuttings Ratio (MCR)

Volume Left Behind Casing

Estimated Downhole and Surface Mud ...

Target LGS for Interval

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Well Information

Calculators

Choose which metric you wish to calculate.

Screen Cost Estimator  
Estimate Screen Cost per Foot

Screen Cost Estimator

Cuttings Estimator  
Estimate Waste Volume and Rates

Cuttings Volume Estimator

Mud to Cuttings Ratio Calculator  
Calculate the MCR

MCR Calculator

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Calculators

FAQ and References

FAQ and Reference Material

FAQ

Reference Material

Unit Conversions

API Screen Reference  
Reference Table for Opening Size

Screen API

Shale Shaker Reference Material

Shaker Guidelines

Graph Relating MCR to ROC  
Measuring Cuttings Dryness

MCR Graph

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FAQ and References

Screen Cost Estimator

Interval Footage

Enter the start and end depths for various intervals. You can continue to add intervals to your footage total by entering new starting and ending depths, then adding it to the total.

Enter Starting Depth

Enter Total Measured Depth

Add Footage to Total

Reset Footage

Total Footage is: 0.0

If you don't have the intervals, you can add footage as a single number below:

Add Additional Footage

When you have completed entering all footage, including sidetracks and pilot holes:

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Screen Cost Estimator

Cuttings Handling KPIs

Enter all of the well information, then tap the calculate button.

Enter the Average ROP

Enter the Bit Diameter

Footage

Estimated Washout Percentage

Solids Removal Efficiency (SRE)

Mud to Cuttings Ratio (MCR)

Average Load Volume in cubic yards

Waste Haul Off Cost per yard

Calculate

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Cuttings Handling KPIs

MCR Calculator

Enter Net Weight from MCR Device (lbs/qt)

Enter Mud Weight (ppg)

Calculate

Mud to Cuttings Ratio is: 0.00

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Mud to Cuttings Ratio