Product Presentation





Concrete Quality Software for Concrete QA/QC & Mix Design

Special Feature Presentation

The American Way Custom functionality for USA & Canada

Adapted to your local needs



The American Way is part of the Expert subscription and enables custom reports, statistical analysis and mix design methods adapted to ACI & CSA standards.



American Concrete Institute

Always advancing

With The American Way you can print submittal package reports and perform statistical analysis as specified by the American Concrete Institute guidelines.

You also gain access to the ACI 211 – Absolute Volume mix design method.

The American Way grants you access to CSA specific reports and statistical analysis tools.

Perform the required Deviation, Moving Average and Standard Deviation calculations in seconds and print all the required reports in just one click.



CSA Group Groupe CSA

Disclaimer: Concrete Quality and its partners are not associated with ACI or CSA Group. Images used under the fair use doctrine.

Statistical Analysis

The American Way enables country-specific data analysis tools. Complies with ACI and CSA requirements.

Concrete Quality®												_	-
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	Ref # Date	 Jobsite 	Batching plant	Ticket number	Ref/Name	Mix design	Version	Specified	28 days strength	Deviation	Moving Average	Std Dev	
	1 03/06/2014	Mandela Memor	Eastern Plant	17255	Statistical control	C25/30 regular	1	25	29,83	+4,83			
	2 06/06/2014	Mandela Memor	Eastern Plant	17286	Statistical control	C25/30 pump	2	25	28,65	+3,65			
	3 06/06/2014	Nuclear Plant Re	Eastern Plant	17315	Statistical control	C25/30 regular	1	25	28,25	+3,25	3,91	0,821	
	4 07/06/2014	New Football Sta	Northern Plant	25148	Statistical control	C25/30 regular	1	25	27,50	+2,50	3,13	0,584	
	5 08/06/2014	Mandela Memor	Eastern Plant	17329	Statistical control	C25/30 regular	1	25	30,25	+5,25	3,67	1,422	
	6 10/06/2014	Mayan Calendar	Northern Plant	25265	Statistical control	C25/30 regular	1	25	28,45	+3,45	3,73	1,397	
	7 14/06/2014	Mandela Memor	Southern Plant	2536	Statistical control	C30/35 sulphates	; 1	30	36,14	+6,14	4,95	1,370	
	8 15/06/2014	New Football Sta	Northern Plant	25398	Statistical control	C25/30 regular	1	25	29,98	+4,98	4,86	1,349	
	9 17/06/2014	New Football Sta	Southern Plant	2557	Statistical control	C30/35 sulphates	; 1	30	35,47	+5,47	5,53	0,582	
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		0	10	20	30		40	50		60	70		

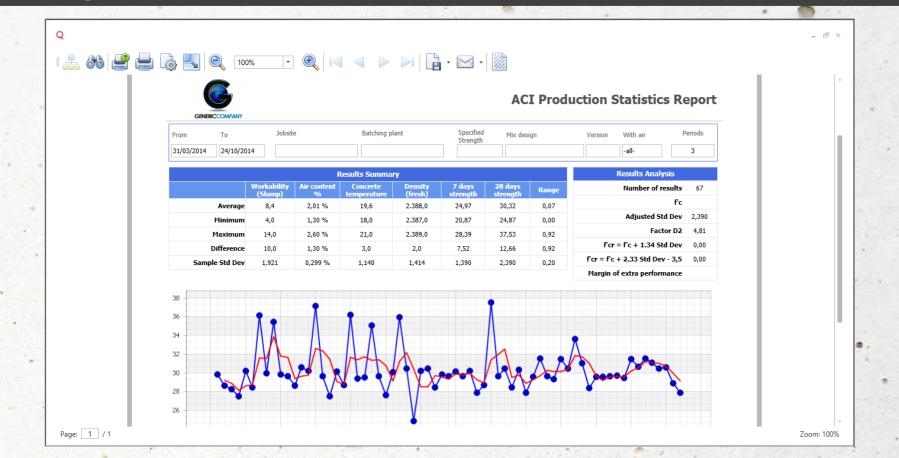
Available statistical analysis tools:

- ACI 28-days strengths + moving average chart + comprehensive indicators analysis
- CSA Deviation, Moving Average and Standard Deviation charts for 7-days, 28-days and density
- Ready to use reports for with all the information you see on screen (tables + charts)

Reporting



The American Way provides reports for all its features, and adds new reports to the existing options for other sections of the software.



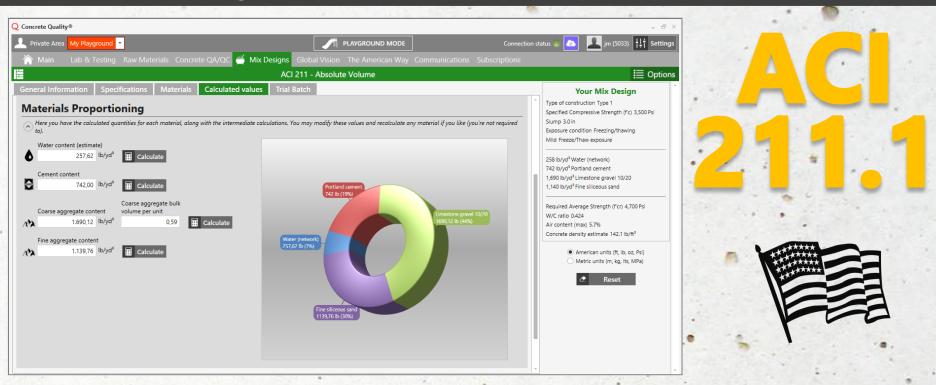
New reports available:

- > ACI & CSA statistical analysis reports
- Mix design submittal report with project-specific information
- > On-site sampling and testing of concrete report with project-specific information

ACI Mix Design

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With The American Way you gain access to the famous ACI 211.1 Absolute Volume mix design method.



The ACI 211 method features:

- Mix design according with ACI 211.1 Absolute Volume method
- American (lb, cu. yd, Psi) or international (kg, m³, MPa) units
- Automatic checks for all requirements: concrete cover, exposure, cement content, etc.
- Easy step by step procedure, no need to go into tables or charts yourself
- Generate and save test batches, and use them to recalculate your mix design

Other features



The American Way includes many improvements that you can find in different sections of the software.

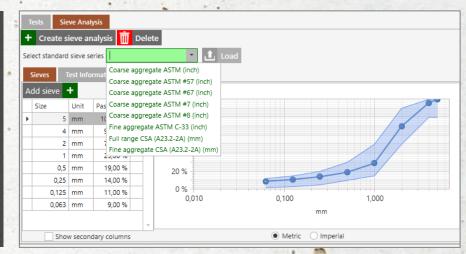
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A Standards	T 3101-1 Road w Table 3101-1 Characteritics Type Type I Type I	of normal den Strength 28 days 30 MPa 30 MPa	1-2 Civil works sity concrete Min binder 340 kg/m ² 390 kg/m ³	Notes for road works Binder type GU, GUL, MS, MH, HE GUb-S	Max W/C ratio 0,45 0,45	Max aggregate size 20 mm 20 mm	5 % 5 %	8 % 8 %	50 mm	110 mm 110 mm	230 µ 230 µ		
A Standards	T 3101-1 Road w Table 3101-1 Characteritics Type 1 Type 1 Type II	orks T 310 of normal dem Strength 28 days 30 MPa 30 MPa 30 MPa	1-2 Civil works sity concrete Min binder 340 kg/m ³ 390 kg/m ³ 330 kg/m ³	Notes s for road works Binder type GU, GUL, MS, MH, HE GUD-SF, GUD-F/SF, GUD-S/	Max W/C ratio 0,45 0,45 0,45	Max aggregate size 20 mm 20 mm 20 mm	5 % 5 % 5 %	8 % 8 % 8 %	50 mm 50 mm 50 mm	110 mm 110 mm 110 mm	230 j 230 j 230 j		
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A Standards	T 3101-1 Road w Table 3101-1 Characteritics Type I ▶ Type I Type II Type IIIA Type IIIA	of normal dem Strength 28 days 30 MPa 30 MPa 30 MPa 35 MPa 35 MPa	1-2 Civil works sity concrete Min binder 340 kg/m ³ 330 kg/m ³ 340 kg/m ³ 335 kg/m ³	Notes s for road works Binder type GU, GUL, MS, MH, HE GUb-SF, GUb-FJF, GUb-S/-, GU, GUL, MS, MH, HE, GUb-, GU, GUL, MS, MH, HE, GUb-,	Max W/C ratio 0,45 0,45 0,45 0,45 0,45	Max aggregate size 20 mm 20 mm 20 mm 20 mm 28 mm	5 % 5 % 5 % 5 % 5 %	8% 8% 8% 8%	50 mm 50 mm 50 mm 20 mm 20 mm	110 mm 110 mm 110 mm 60 mm 60 mm	230 k 230 k 230 k 230 k 230 k		
A Standards	T 3101-1 Road w Table 3101-1 Characteritics Type I ▶ Type I Type II Type III Type IIIA Type IIIB Type IIB	orks T 310 of normal den Strength 28 days 30 MPa 30 MPa 30 MPa 35 MPa 35 MPa	1-2 Civil works sity concrete Min binder 340 kg/m ³ 330 kg/m ³ 334 kg/m ³ 344 kg/m ³ 440 kg/m ³	Notes s for road works Binder type GU, GUL, MS, MH, HE GUb-SF, GUb-SF, GUb-S/- GU, GUL, MS, MH, HE, GUb- GU, GUL, MS, MH, HE, GUb- GU, GUL, MS, MH, HE, GUb-	Max W/C ratio 0,45 0,45 0,45 0,45 0,45 0,45	Max aggregate size 20 mm 20 mm 20 mm 20 mm 28 mm 28 mm	5% 5% 5% 5% 5% 5%	8% 8% 8% 8% 8%	50 mm 50 mm 50 mm 20 mm 20 mm 50 mm	110 mm 110 mm 110 mm 60 mm 60 mm 110 mm	230 k 230 k 230 k 230 k 230 k 230 k 230 k		
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SA Standards	T 3101-1 Road w Table 3101-1 Characteritics Type 1 ▶ Type 1 Type II Type III Type IIIA Type IIIB Type IIB	orks T 310 of normal den Strength 28 days 30 MPa 30 MPa 30 MPa 35 MPa 35 MPa	1-2 Civil works sity concrete Min binder 340 kg/m ³ 330 kg/m ³ 334 kg/m ³ 344 kg/m ³ 440 kg/m ³	Notes s for road works Binder type GU, GUL, MS, MH, HE GUb-SF, GUb-SF, GUb-S/- GU, GUL, MS, MH, HE, GUb- GU, GUL, MS, MH, HE, GUb- GU, GUL, MS, MH, HE, GUb-	Max W/C ratio 0,45 0,45 0,45 0,45 0,45 0,45	Max aggregate size 20 mm 20 mm 20 mm 20 mm 28 mm 28 mm	5% 5% 5% 5% 5% 5%	8% 8% 8% 8% 8%	50 mm 50 mm 50 mm 20 mm 20 mm 50 mm	110 mm 110 mm 110 mm 60 mm 60 mm 110 mm	230 k 230 k 230 k 230 k 230 k 230 k 230 k		

Standard Concrete Types

- In the Step by Step mix design method you will find the standard ACI & CSA concrete types
- You can select one to automatically include all the requirements in your mix design process
- Also provides all the notes included in the corresponding tables

Predefined sieves

- When creating a new sieve analysis test you can load predefined sieve series with just a couple of clicks
- Standard sieves with name, size and tolerance
- Includes ASTM & CSA series for all aggregate sizes
- Save time and avoid errors!



Unrivaled cost effectiveness

a REVOLUTIONARY way BUSINESS

- ✓ All basic features are free to use, forever
- ✓ All updates are free, forever
- \checkmark Pay for optional services only when you need them
- ✓ Zero license fees= no investment = no risk!
- ✓ Short and affordable subscriptions: try before you buy
- ✓ No minimum subscription time and zero cancellation cost
- ✓ Direct download and easy to install
- ✓ Suited for small and big companies: no users limit
- Import your data from any legacy system

Enabling special features

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Our subscriptions model allows you to select a different plan for each user in your company according to your specific needs.

Pay only for what you actually use!

Subscription Plans features:

- Subscriptions provide flat-rate access to special features for their duration
- ✓ All plans include cloud data sharing and mobile access
- ✓ The standard subscription period is one month, you can pay monthly or purchase yearly subscriptions at a discount
- ✓ Subscriptions are pre-paid and per user
- You may pause and reactivate your subscriptions at any time without penalties

Subscription Plans



Subscriptions offer access to special services and features. There's a plan suited for every user profile.

Technician

Data synchronization + mobile access + basic reporting

The features everybody needs

Supervisor

Mix design optimization + statistical tools + data import

Includes all Technician features

Expert

Local standards + audits + advanced reporting & tools

Includes all Technician & Supervisor features

Localized Features



The Expert Plan includes localized features, created with the support of our local partners, merging technology with local expertise.

Expert

Local standards + audits + advanced reporting & tools

Includes all Technician & Supervisor features

The American Way



- Special features for USA & Canada
- Complying with ACI, ASTM and CSA standards
- Special reports to produce submittal packages
- Exclusive production QA/QC tools

UK & IE



- Special features for UK & IE Complying with British and EN standards
- ✓ Includes Batch Book management
- CUSUM analysis for production control compliance
- ✓ Audit submittals

About us



Contact us anytime, we'll be happy to assist you!



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Our Business Partners

Concrete experts that will assist you with the software and provide technical consulting

> **USA:** Statler International **Canada: NEXSO Technologies** France: DAERAN UK + Ireland: Technical for Concrete Ltd China: ORIGIN Consulting Spain: Office for Sustainable Architecture Russia: South Ural Cement YUGPK **Africa: PROTECH Engineering** Middle East: Green Concrete Consulting





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