



CCQTA Update for COQA meeting

Thursday June , 2013





Agenda

1. Active Projects
2. Active Projects – What's New
3. New Project Proposals
4. Project Participation List



CCQTA Background

The Canadian Crude Quality Technical Association membership consists of companies from multiple segments of the Canadian oil industry. The Association is established with the following educational and scientific objectives:

- To facilitate communications among industry stakeholders
- To provide a forum for the presentation and consideration of proposals for industry projects related to any aspect of crude oil quality.
- To improve industry knowledge and awareness of crude oil quality through the cooperative exchange of technical information among industry sectors.



CCQTA Background

- CCQTA does not typically fund projects, but acts as a facilitator for projects
 - Provides meeting venues, phone and web-conferencing support, and third party accounting to project groups
- CCQTA currently has 75 member companies from 6 different sectors of the industry.



1/6/2013 CCQTA Projects Participant List	Active										Total
	TAM Phase 4	Oil Sands Processability 3	Emulsion Characterization	Phosphorus	Heavy Oil Compatibility	Condensate Quality	Organic Chlorides	H2S PVT	TVP/RVP	Bitumen Dewatering and Shrinkage	
ADOE	X	X			X	X			X	X	6
AITF		X				X	X			X	4
Baker Hughes		X	X	X	X			X			5
BP	X	X		X	X		X				5
Cameron		X			X						2
CanmetEnergy	X	X			X	X					4
Calumet							X				1
Cenovus	X		X		X	X	X	X		X	7
Champion		X									1
Chevron	X	X	X	X	X						5
CITGO				X			X				2
CNRL					X						1
Devon		X									2
Enbridge						X	X	X			3
Enerchem				X							1
Exova							X				1
Flint Hills Resources	X		X	X			X		X		5
GE			X								1
Gibsons				X			X				2
Haliburton				X							1
Husky						X			X	X	3
Imperial Oil	X		X	X		X					4
Intertek				X		X	X				3
Keyera						X					1
Kinder Morgan							X	X			2
Marathon Oil		X									1
Marathon Petroleum		X		X	X		X				4
Maxxam Analytics				X		X	X	X		X	5
MEG Energy					X	X					2
Nalco		X	X								2
NCRA											0
Newalta				X							1
Nexen	X										1
PAC							X				1
Pall Filters			X			X					2
PetroBras	X				X						2
Phillips 66	X	X	X	X	X	X	X			X	8
Pembina				X		X					2
Plains Midstream							X				1
Shell	X	X			X	X	X				5
Shell US Pipelines											0
Statoil	X										1
Suncor Energy	X	X	X	X	X	X		X		X	8
Teck Resources		X									1
Tervita				X							1
Tesoro				X							1
Total	X	X		X		X					4
Trans Canada Pipeline							X	X	X		3
Transport Canada								X			1
United							X				1
Valero				X							1
XOS				X							1
Total Participants	14	17	10	21	14	18	19	8	4	7	52



CCQTA Active Projects

- Tan Phase IV
- Oilsands Bitumen Processability – Phase III
- Heavy Oil Compatibility – Phase II
- Phosphorus
- Condensate Quality – Phase II
- H₂S PVT – Phase II
- Emulsion Characterization
- Organic Chlorides
- Tan Method Testing – Phase II
- Crude Quality Tutorial
- Bitumen Dewatering and Volume Discrepancy
- TVP/RVP



CCQTA Active Projects

What's new

- TVP/RVP
 - TCPL to act as project manager and providing key source of funding
 - CCQTA agrees to provide seed funding (\$10K) to project.
 - Funding required (\$10K/participant) to develop HPLIS system.
 - Support from both API & EPA for use of ASTM D 6377-10



CCQTA New Projects

- H₂S Measurement in Crude
 - Exploring the option of using Owlstone FAIMS technology for at line/site measurement.
 - Reviewing a proposal by the U of A & Wilson Analytics to develop a field instrument



CCQTA New Projects

- Additive Testing
 - Request by Enbridge to review/assess impact of using newly developed surfactant for use as a component for pipeline corrosion inhibitor
 - Other uses for surfactant
 - Production enhancement
 - Fracing water biocide treatment





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