



2019 Board Members

President: Bobby Gonder, Coeur d' Alene Fire Department

Vice President: Dennis Beaver, City of Post Falls Building Department

Secretary: Terina Lefler, City of Post Falls Community Development

Treasurer: Craig Etherton, Coeur d' Alene Fire Department

NORTH IDAHO CODE ENFORCERS

MEETING MINUTES

April 17, 2019

1. **COMMENCE:** Meeting was called to order by President Bobby Gonder at 11:40 A.M.
2. **APPROVAL OF MINUTES:** Keith Clemans approved last month's minutes with the meeting minutes date change to December 19, 2018. Craig Etherton seconded the minutes.
3. **TREASURERS REPORT:** Craig Etherton shared that the checking account balance is \$11,696.19 and the savings account balance is \$5,337.16.
4. **REPORTS FROM COMMITTEES**
 - a. **IDABO Representatives** – Ted: Nothing New, IDABO Board Meeting scheduled for tomorrow, 4/18/19.
 - b. **Government Affairs** – Ted & Justin: N/A
 - c. **Scholarship Committee** – Craig: Scholarship \$6,500.00 towards endowment has been sent. We received a thank you from the scholarship recipient.
 - d. **Web Site** – Terina & JP: N/A
 - e. **Education Committee** – Ted:
 - i. May 8th- Fire Stop Training
 1. Free full day training at the CDA Library (.7ceu)
 2. **George will get the flyer and send to Terina to post and sent out**
**Several individuals wanted to register for this training online. Therefore, committee had a discussion about setting up an account to accept online credit card payments (PayPal or square). Further discussion at next month's meeting.
 - ii. May 16th – Simpson Strong-Tie Deck Workshop
 - f. **Code Committee** – Ted & Justin: N/A
 - g. **Membership** – Mark Magnus: Absent
 - h. **Social Services** – None
 - i. **Energy Representative** – Brandon Voorhees: N/A
 - j. **Region II** – George Dailey: N/A
 - k. **Training Committee** – Tyler Dreschel: Discussion about having next month's meeting maybe be held right after Simpson/ WSU Deck Workshop. Keep you posted!
5. **NEW BUSINESS:** Guest Speaker-Stuart Malley with Allwest Testing-Concrete
 - a. What makes quality concrete?
 - i. Will it hold up my building?
 - ii. Will it withstand the winter?
 - iii. How does the appearance look?
 - b. Portland Cement Concrete

- i. Water, air, rocks, sands, Portland cement (England not Oregon)
- c. Water:
 - i. .35 w/c ratio
 - ii. .65 w/c ratio
 - iii. 50% weight of cement
 - iv. Only need .2 or .3 ratio/typically we see .5 or .45 (convenience to fit forms)
 - v. .7 w/c degrades the concrete!
 - vi. Duff Adams-w/c law “standards”
 - vii. Water delays the setting times
- d. Air:
 - i. Scaling
 - 1. Water grows 9%-causes cracks
 - 2. Manipulate by adding 1% of air (exposed concrete)
 - ii. Factors:
 - 1. Fly ash: provides an extra reaction (recycleable)
 - iii. Air Content provides strength!
- e. Water Reducers: (chemicals) (positive charge-cement is negative)
 - i. Positive charge=wraps around cement grains for plasticity
 - ii. Should be mixed at the plant
 - iii. Slow set time
 - iv. Aid in proper consolidation
- f. Trowels:
 - i. **Don’t use steel trowels!
 - ii. Recommend using a block of wood as a trowel
 - iii. Creates the smooth surface
- g. De-icers-Eat at the cement
 - i. To help protect against salt, you should seal your cement
 - ii. Follow the manufacturer recommendation for sealers
- h. Cracking:
 - i. Concrete shrinks when it dries which causes stresses
 - ii. Plastic shrinkage-evaporate rate exceed .2lb. per sq.ft.
 - 1. Shrinks about 1/16 inch in 10 ft. “drying shrinkage”
 - 2. To prevent shrinkage: fog, seal
 - iii. Pour concrete on something rigid vs. smooth surface
- i. Joints:
 - i. Minimum ¼” depth
 - ii. Early entry saw is best!
 - iii. ACI provides a Joint Spacing Chart
 - iv. **Rebar does not prevent cracks but reduces!
- j. Finish Ability-ACI 301
 - i. Sprinkling water to make concrete workable ruins the concrete surface finish, blistering, peels
- k. Curing Concrete-important step

- i. Need to protect from sun, wind, cold
 - ii. Need to maintain surface moisture
 - iii. Adequate curing-with misting
- I. NRMCA Stamp (National Ready Mix Concrete Association)
 - i. Plant & Fleet Certified
 - ii. Concrete in Practice (email:nrmca.org/aboutconcrete)
 - iii. Training for Producers
- m. American Concrete Construction Association
 - i. Position statements (email:asconline.org/concrete-technical-resources/position-statements)
 - ii. Concrete Training
- n. American Concrete Institute

**Jitterbug is not a good tool for basements-creates waves

6. DOOR PRIZE – Larry Stark

7. NEXT MEETING – May 15, 2019

8. MEETING ADJOURNED – 12:30 P.M.

MEMBERS IN ATTENDANCE:

Dennis Beaver
Keith Clemans
Carl Cornell
George Dailey
Tyler Dreschel
Craig Etherton
JP Garcia
Steve Gleason
Bobby Gonder
Scott Haen
Mark Kilbourn
Ted Lantzy
Terina Lefler
Stuart Malley
Daron Neet
Larry Stark
Brandon Voorhees

GUESTS:

Chris Larson, N. Lakes Fire
Gabe Bujko, Ginno Const.
Cory Phillips, Ginno Const.
Dan Holden, Avista

Chris Mauro, Avista

Andy Sims, Andy's Heating

Barry Sterns, Timbered Ridge Homes

Andre Forrester, Timbered Ridge Homes