

Group 8 Discussion Notes

Attendees:

Reid Buckley – DCS
Gary Beerline – Cloud Peak Energy
John Bunton – Flanders
John David Charlton – Sabine Mine
Anton Walters – Toshiba International

Safety Items:

John Bunton – Very dry conditions in Canada. People can be careless.
Reid Buckley – Daily risk assessments. Requirements for documentation can cause people to become lax without a requirement to discuss and personalize.
Gary Beerline – Lockout procedures

New Innovations and Technology:

Gary Beerline – 518 shovel with Flanders system productivity upgrade.
Gary Beerline – Phoenix LED lighting upgrades.
Anton Walters – Toshiba has developed an underground mining drive. Around 40 inches tall, skid mounted. From this technology Toshiba can now offer a med volt drive in a half height stacked configuration. Toshiba also has a low voltage drive coming out this summer.
Reid Buckley – OEM equipment's lack of reliability has caused DCS to develop a line of HMI interfaces designed to assist in troubleshooting.

Problems and Solutions:

Gary Beerline – DC drive system upgrades
Gary Beerline – LED lighting upgrades

Future Meeting Topics:

Brian Raba – Flanders 518 HMI development
Reid Buckley – Compare AC vs DC draglines
John Bunton – How has the current economy affected the rate of adoption of efficiency upgrades?
John Bunton – Inefficiencies of wind and solar and how they affect the power grid.

Future Locations:

Keep locations where the mines are. Get involvement from local mines.
Keep at 2 meetings per year.
Move each back one week so we're not right up against the holidays.