

Employee Awareness

Compressed Air Aware: Campaign Board Ideas

Consider creating a visual display (like a poster or bulletin board) to relay campaign updates and targets. They are a great option for relaying daily or weekly updates and messages to staff who may not have access to e-mail. Clear communication towards a shared purpose and will help unite your team and amplify your cause.

Information you could include on the display:

- Campaign name, purpose and key messages
- Simple visuals to illustrate your message (see examples below)
- Progress being made on energy goals
- News, campaign photos and recognition
- Weekly quizzes and tips
- Campaign contest details and results

Be sure to track all your campaign board expenses in your Employee Awareness Expense sheet found within the campaign kit, and submit to danice.lester@bchydro.com for reimbursement.

NEED HELP

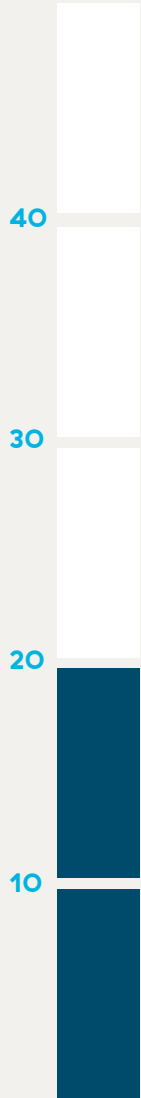
Talk to your Key Account Manager or Regional Energy Manager.

They'll be able to help you come up with creative solutions to visualize campaign metrics and messages, track progress and inspire your audience.

EXAMPLE 1: CAMPAIGN TARGETS, QUICK FACTS AND TASKS BY TEAM

**Compressed Air Aware Campaign
(May 1–31, 2020)
Misused compressed air is wasted electricity.**

Staff Lunch



CAMPAIGN TASKS

Make a compressed air asbuilt	Responsible	Points	Status
<input type="checkbox"/> Identify air leaks	[Team]	10	Complete
<input type="checkbox"/> Replace drain valves	[Person]	20	In progress
<input type="checkbox"/> Check compressed air set-points		15	Not started
<input type="checkbox"/> Upgrade compressor filters		20	Not started
<input type="checkbox"/> Examine purge cycle on dryers		10	Not started
<input type="checkbox"/> Maintain air receivers		10	Not started
<input type="checkbox"/> 80% response rate for post-campaign survey		20	

NEED HELP

How it works?

Together, we can make a big difference.

Complete each campaign task to win the corresponding number of points.

Achieving 50 points as a team means we've earned a staff pizza lunch at the end of the campaign.

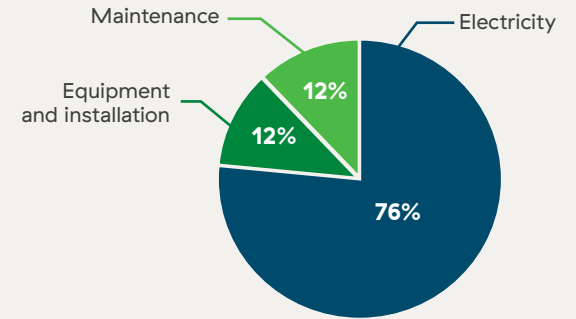
Questions?

Talk to your campaign team for more info.

KEY MESSAGES

- Energy is the most expensive part about owning a compressed air system.

Annual costs of a compressed air system



- Our compressed air system costs the company \$275,000 annually on energy costs alone.
- Less than 10% of this energy is actually converted into useful work by the end use application.
- Are you using compressed air for the right end use?

How we should be using compressed air

- Compressed air for clean-up is wasted electricity. Use a broom.
- Compressed air for cooling is wasted electricity. Use an electric fan.
- Compressed air for drying is wasted electricity. Use a low pressure blower.

**Compressed Air Aware Campaign
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WE ARE MAKING PROGRESS



THE TRUE COSTS OF COMPRESSED AIR

- Our compressed air system costs the company \$275,000 annually on energy costs alone.
- Within the wood product industry, up to 50% of this cost is wasted through compressed air system leaks due to an excess of vibration.
- Identifying and maintaining leaks is a critical component in saving energy and costs.

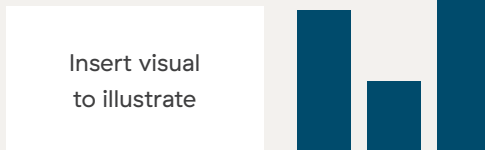
Weekly quiz

Write your name and answer to this week’s question onto the cards provided, and enter it into the voting box below. All votes are collected every Friday @ 9 am for a draw to win a \$10 coffee gift card.

Last week’s question, answer and winner

In a well maintained system, compressed air leaks make up less than _____ % of system capacity

- a) 3%
- b) 10%
- c) 15%



This week’s question

What is the annual energy cost of a compressed air leak the size of 1/4”?

WE ARE MAKING CHANGES

Last week, our team took to the plant with ultrasonic leak detectors to identify and prioritise air leaks.



They identified over \$20,000 in compressed air energy savings potential. Thank you to everyone who participated!



Moving forward, we plan to host compressed air leak scavenger hunts on a monthly basis to reduce our energy costs and increase operating efficiencies.

Other ways to save

- Compressed air for clean-up is wasted electricity. Use a broom.
- Compressed air for cooling is wasted electricity. Use an electric fan.
- Compressed air for drying is wasted electricity. Use a low pressure blower.
- Compressed air for sparging, aspirating and atomising is wasted electricity. Use a low pressure blower.
- Compressed air for idle or abandoned equipment is wasted electricity. Disconnect, or install an air-stop valve.
- Compressed air for diaphragm pumps is wasted electricity. Use an electric pump.