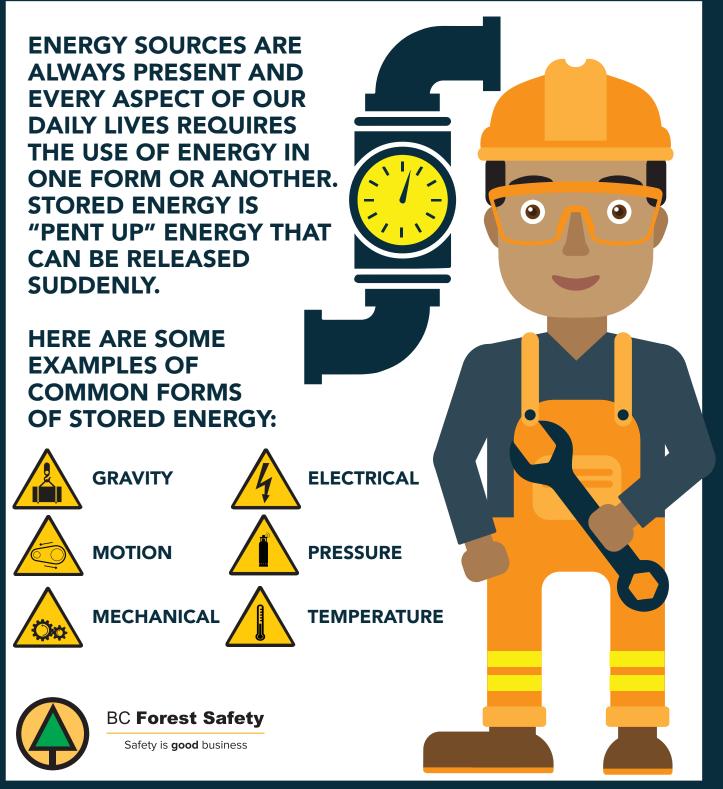
OVER

STORED ENERGY DON'T LET THE PRESSURE GET TO YOU!



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STORED ENERGY: DON'T LET THE PRESSURE GET TO YOU!

COMMON TYPES OF STORED ENERGY

- Gravity Enables objects or people to trip and fall
- Motion The movement of vehicles, vessels, water, wind or even people
- Mechanical Rotating equipment (chipper heads), drive belts, conveyers, motors or compressed springs
- Electrical Including power lines, transformers, static charges, capacitors, wiring, photo eyes and batteries
- Pressure Piping, compressed cylinders (accelerators), hydraulic equipment, tanks, hoses, etc.
- Temperature Hot or cold surfaces, steam, friction and weather

HOW CAN YOU IDENTIFY HAZARDS AND PREVENT INJURIES ASSOCIATED WITH STORED OR PENT-UP ENERGY?

- When performing a pre-work Field Level Hazard Assessment (FLHA) consider stored energy
- Always use Lockout and verify a zero energy state prior to commencing work
- Determine if there are multiple energy sources present on the same piece of equipment (common energy sources associated with sawmill machinery include electrical, pressure, kinetic, heat and gravity)
- Have all energy sources been adequately de-energized? Common misses include gear/reduction units, hydraulic lines, chipper heads (kinetic energy) and pneumatic lines
- Carefully bleed-off stored energy in cylinders, pipelines and receivers (Are the shut-off values self-bleeding?)
- Look out for alternate supply feeds, bypassed interlocks, photo-eyes (controlled by separate electrical sources) or valves that may not be properly closed
- When applying force (push or pull), be prepared for an unexpected slip or release of stored energy
- Keep clear of suspended loads, open gates, etc. and always consider the force of gravity
- Always use the right tools for the job and ensure those tools are in good working condition
- Recognize that Personal Protective Equipment is your last line of defense

HAVE YOU IDENTIFIED ALL POTENTIAL TYPES OF STORED ENERGY IN YOUR WORK AREA?

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