Above all else, our core value of Safety guides every decision, action and interaction at Enbridge. This mindset reflects our commitment to protecting public and worker safety, the environment and the health and fitness for service of our pipelines and facilities. The key factors in our approach to integrity management and system safety are layers of defense, a focus on asset and equipment health, robust risk detection and situational awareness, preoccupation with failure, investigation and learning from incidents, and a strong safety culture.

### Layers of Defense
- We build safety into our systems from the start. Long before construction begins, we design our assets with safety in mind, incorporating layers of defense to protect people, property and the environment.
- During construction we continually test and confirm the quality and safety of every part of everything we build.
- Proving Safety can meaningfully reduce the risk of a leak even further. Where additional inspections and preventative maintenance confirm the safety of our pipelines and guide decisions on predict and address potential problems before they occur.
- Enbridge employs state-of-the-art inspection tools to extract the most meaningful insights from the data, a process that includes setting pipeline parameters, calculations for our facilities that enable safety, and a host of techniques to detect the earliest signs of corrosion or structural imperfections.
- These models add a different perspective, allowing us to confirm the fitness of our safety thresholds and signals where additional inspections and preventative maintenance can meaningfully reduce the risk of a leak even further.

### Asset and Equipment Health
- We rigorously check the quality, accuracy and reliability of our integrity programs using independent auditors, riggers and experts.
- magnetic sensors, similar to medical MRIs, identify signs of corrosion.
- Ultrasonic and electromagnetic acoustic tools identify shape of the pipeline, signs of third-party damage, such as dents, and any pipeline movement or bending.
- Calipers and internal geometry tools measure the millimeter by millimeter change in the health of our pipelines in different ways:
- Magnetic sensors, similar to medical MRIs, identify signs of corrosion.
- Ultrasonic and electromagnetic acoustic tools identify shape of the pipeline, signs of third-party damage, such as dents, and any pipeline movement or bending.
- Measurement and electromagnetic acoustic tools identify where cracks may be forming.
- These models add a different perspective, allowing us to confirm the fitness of our safety thresholds and signals, where additional inspections and preventative maintenance can meaningfully reduce the risk of a leak even further.

### Risk Detection and Situational Awareness
- We build safety into our systems from the start. Long before construction begins, we design our assets with safety in mind, incorporating layers of defense to protect people, property and the environment.
- During construction we continually test and confirm the quality and safety of every part of everything we build.
- Proving Safety can meaningfully reduce the risk of a leak even further. Where additional inspections and preventative maintenance confirm the safety of our pipelines and guide decisions on predict and address potential problems before they occur.
- Enbridge employs state-of-the-art inspection tools to extract the most meaningful insights from the data, a process that includes setting pipeline parameters, calculations for our facilities that enable safety, and a host of techniques to detect the earliest signs of corrosion or structural imperfections.
- These models add a different perspective, allowing us to confirm the fitness of our safety thresholds and signals, where additional inspections and preventative maintenance can meaningfully reduce the risk of a leak even further.

### Preoccupation with Failure
- Clear and conservative safety thresholds and signals are woven into our review and assessment processes. These models add a different perspective, allowing us to confirm the fitness of our safety thresholds and signals, where additional inspections and preventative maintenance can meaningfully reduce the risk of a leak even further.
- Enbridge uses high-tech in-line inspection tools across our pipeline systems to assess the entire length of our pipelines. Using independent auditors, riggers and experts.
- We rigorously check the quality, accuracy and reliability of our integrity programs using independent auditors, riggers and experts.
- Ultrasonic and electromagnetic acoustic tools identify shape of the pipeline, signs of third-party damage, such as dents, and any pipeline movement or bending.
- Magnetic sensors, similar to medical MRIs, identify signs of corrosion.
- These models add a different perspective, allowing us to confirm the fitness of our safety thresholds and signals, where additional inspections and preventative maintenance can meaningfully reduce the risk of a leak even further.

### Investigation and Learning from Incidents
- We rigorously check the quality, accuracy and reliability of our integrity programs using independent auditors, riggers and experts.
- Proven high-tech in-line inspection tools across our pipeline systems to assess the entire length of our pipelines. Using independent auditors, riggers and experts.
- Ultrasonic and electromagnetic acoustic tools identify shape of the pipeline, signs of third-party damage, such as dents, and any pipeline movement or bending.
- Magnetic sensors, similar to medical MRIs, identify signs of corrosion.
- These models add a different perspective, allowing us to confirm the fitness of our safety thresholds and signals, where additional inspections and preventative maintenance can meaningfully reduce the risk of a leak even further.

### Strong Safety Culture
- Our shared belief that every incident can be prevented forms the foundation of our strong safety culture.
- Enbridge’s Safety Culture Framework maps out specific and concrete safety traits, attributes and characteristics which support the effective working of our management systems. When we talk about it, it’s clear that for and execute our work safely, every day.
- We rigorously check the quality, accuracy and reliability of our integrity programs using independent auditors, riggers and experts.
- Ultrasonic and electromagnetic acoustic tools identify shape of the pipeline, signs of third-party damage, such as dents, and any pipeline movement or bending.
- Magnetic sensors, similar to medical MRIs, identify signs of corrosion.
- These models add a different perspective, allowing us to confirm the fitness of our safety thresholds and signals, where additional inspections and preventative maintenance can meaningfully reduce the risk of a leak even further.

Together, these programs, driven by our strong safety culture and guided by our core values of Safety above all else, help to ensure the sustained safe and reliable operation of the energy transportation infrastructure that society relies on,