

## Crown Emirates Packaging Non-Intrusive Flow Measurement of Compressed Air.

### Case:

- DN100 Carbon Steel Pipe
- Pipe Thickness : 6.02 mm
- Medium : Compressed Air
- Pressure : 5.88 Bar
- Installation Location: Air Compressor Outlet

### The Challenge:

- No system shutdown.
- Need accurate precise flow measurements to verify the readings of existing insertion-type flow meters.

### Solution:

- Flexim G601 Portable Ultrasonic clamp-on gas flow meter using lamb-wave transducers. (No interruption to system)
- Multiple layers of damping material applied around the pipe section to ensure strong signal transmission through the pipe wall.
- Sensor Orientation: Diagonal Mode.

