Online Thickness Profiling System for Ductile Iron Pipes

WHY IS IT REQUIRED?
✔ Ductile Iron (DI) pipes are cast using centrifugal casting process which has inherent challenges in controlling the thickness along the length of the pipes.
✔ Optimal thickness control will aid in avoiding rejections at customer end due to localized regions of lower thickness.

WHAT IT DELIVERS
✔ Online full length thickness profile of DI Pipes.
✔ Fast scanning speed (< 1 min/pipe).
✔ Can accommodate various pipe diameters.
✔ Notable underweight gain can be achieved at the manufacturing plant, resulting in significant savings in terms of hot metal consumption.

HOW IT WORKS
✔ Special (Non-Contact) Ultrasonic Sensor suitable for peened surfaces of DI Pipes.
✔ Fully automated system can be seamlessly integrated into production line.

✔ Online thickness profiling of DI pipes provides a valuable tool for fine tuning the centrifugal casting process.
Contact

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