

Outline



Introduction and Overview

Asset Integrity Standards and Regulatory Approaches

Safety case review, HAZID and HAZOP studies

Major Threats in City Gas Distribution Pipelines

Third Party Damage Prevention

Corrosion Management

Reliability-Centered Maintenance

Structural Analysis and Fitness-for-Service Methods

Asset Lifecycle and Renewal Management

Risk Based Integrity Management Plans

Online Monitoring and Artificial Intelligence applied for Asset Management

Operational Safety Culture

Management of Change